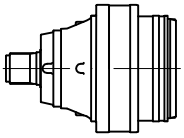
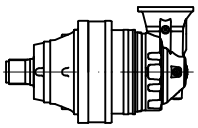
PD 101

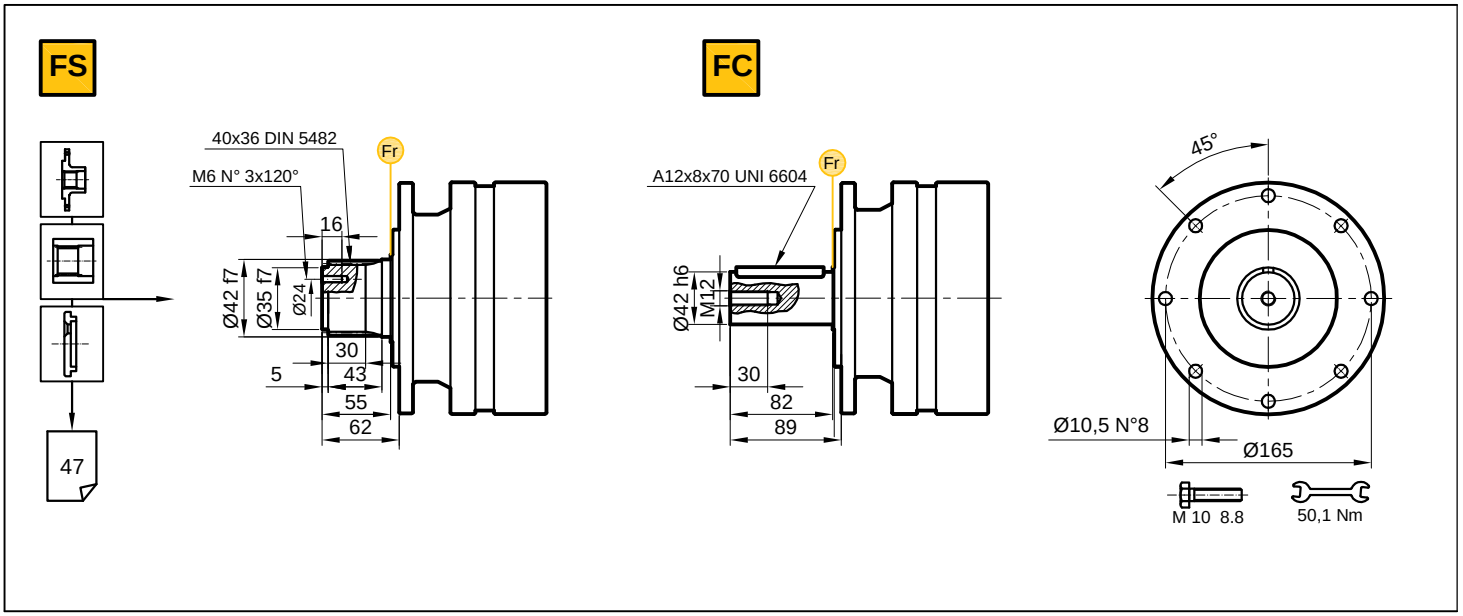
	i	T_2[Nm] n2xh				n_{1max} [min^{-1}]	T_{2max} [Nm]	P_t [kW]
		10 000	20 000	50 000	100 000			
PD 101 S1	3.55	1244	1100	945	832	2800	2220	12
	4.28	1244	1100	945	832	2800	2220	12
	5.60	901	800	683	601	2800	1590	12
	6.75	799	700	606	539	2800	1402	12
	8.67	512	450	388	343	2800	925	12
PD 101 S2	12.6	1244	1100	945	832	2800	2220	8
	15.2	1244	1100	945	832	2800	2220	8
	19.9	1244	1100	945	832	2800	2220	8
	23.9	1244	1100	945	832	2800	2220	8
	28.9	1244	1100	945	832	2800	2220	8
	31.4	901	800	683	601	2800	1590	8
	37.8	901	800	683	601	2800	1590	8
	45.5	799	700	606	539	2800	1402	8
	58.5	799	700	606	539	2800	1402	8
PD 101 S3	54.1	1244	1100	945	832	2800	2220	5
	65.3	1244	1100	945	832	2800	2220	5
	70.7	1244	1100	945	832	2800	2220	5
	78.7	1244	1100	945	832	2800	2220	5
	85.3	1244	1100	945	832	2800	2220	5
	102.8	1244	1100	945	832	2800	2220	5
	111.5	1244	1100	945	832	2800	2220	5
	134.3	1244	1100	945	832	2800	2220	5
	161.9	1244	1100	945	832	2800	2220	5
	172.5	1244	1100	945	832	2800	2220	5
	207.9	901	1100	683	601	2800	1590	5
	211.6	901	800	683	601	2800	1590	5
	255.1	901	800	683	601	2800	1590	5
	271.7	901	800	683	601	2800	1590	5
	307.5	799	700	606	539	2800	1402	5
	327.5	901	800	683	601	2800	1590	5
	394.8	799	700	606	539	2800	1402	5
PD 101 S4	337.3	1244	1100	945	832	2800	2220	1.5
	365.7	1244	1100	945	832	2800	2220	1.5
	396.4	1244	1100	945	832	2800	2220	1.5
	440.8	1244	1100	945	832	2800	2220	1.5
	477.8	1244	1100	945	832	2800	2220	1.5
	531.3	1244	1100	945	832	2800	2220	1.5
	575.9	1244	1100	945	832	2800	2220	1.5
	624.4	1244	1100	945	832	2800	2220	1.5
	694.2	1244	1100	945	832	2800	2220	1.5
	752.6	1244	1100	945	832	2800	2220	1.5
	836.8	1244	1100	945	832	2800	2220	1.5
	907.1	1244	1100	945	832	2800	2220	1.5
	966.3	1244	1100	945	832	2800	2220	1.5
	1093.4	1244	1100	945	832	2800	2220	1.5
	1144.5	1244	1100	945	832	2800	2220	1.5
	1185.4	901	800	683	601	2800	1590	1.5
	1318.0	1244	1100	945	832	2800	2220	1.5
	1428.8	901	800	683	601	2800	1590	1.5
	1692.3	1244	1100	945	832	2800	2220	1.5
	3422.1	799	700	606	539	2800	1402	1.5

PDA 101

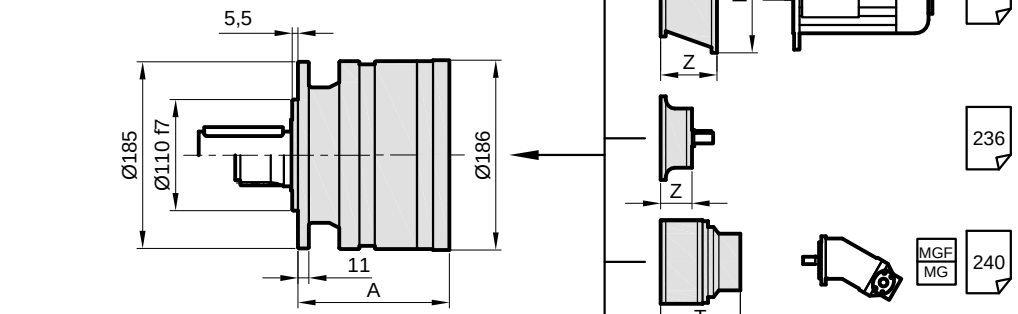


	i	T_2 [Nm] $n_2$xh				n_{1max} [min^{-1}]	T_{2max} [Nm]	P_t [kW]
		10 000	20 000	50 000	100 000			
PDA 101 S2	10.4	1244	1100	945	832	2800	2220	8
	12.5	1244	1100	945	832	2800	2220	8
	16.4	901	800	683	601	2800	1590	8
	19.7	799	700	606	539	2800	1402	8
PDA 101 S3	37	1244	1100	945	832	2800	2220	5
	44.6	1244	1100	945	832	2800	2220	5
	53.8	1244	1100	945	832	2800	2220	5
	58.4	1244	1100	945	832	2800	2220	5
	70.3	1244	1100	945	832	2800	2220	5
	84.8	1244	1100	945	832	2800	2220	5
	91.9	901	800	683	601	2800	1590	5
	110.8	901	800	683	601	2800	1590	5
	133.6	799	700	606	539	2800	1402	5
	171.5	799	700	606	539	2800	1402	5
PDA 101 S4	131.8	1244	1100	945	832	2800	2220	1.5
	158.9	1244	1100	945	832	2800	2220	1.5
	191.5	1244	1100	945	832	2800	2220	1.5
	207.6	1244	1100	945	832	2800	2220	1.5
	230.8	1244	1100	945	832	2800	2220	1.5
	301.7	1244	1100	945	832	2800	2220	1.5
	327	1244	1100	945	832	2800	2220	1.5
	363.6	1244	1100	945	832	2800	2220	1.5
	394.2	1244	1100	945	832	2800	2220	1.5
	475.1	1244	1100	945	832	2800	2220	1.5
	515.3	901	800	683	601	2800	1590	1.5
	527.7	1244	1100	945	832	2800	2220	1.5
	610.1	1244	1100	945	832	2800	2220	1.5
	735.4	1244	1100	945	832	2800	2220	1.5
	797.2	901	800	683	601	2800	1590	1.5
	960.9	901	800	683	601	2800	1590	1.5
	1158.2	799	700	606	539	2800	1402	1.5
	1233.7	901	800	683	601	2800	1590	1.5
	1487.1	799	700	606	539	2800	1402	1.5

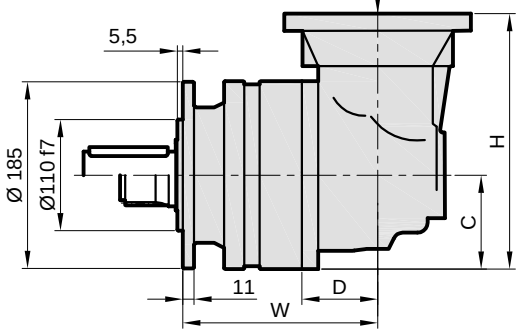
PD/PDA 101

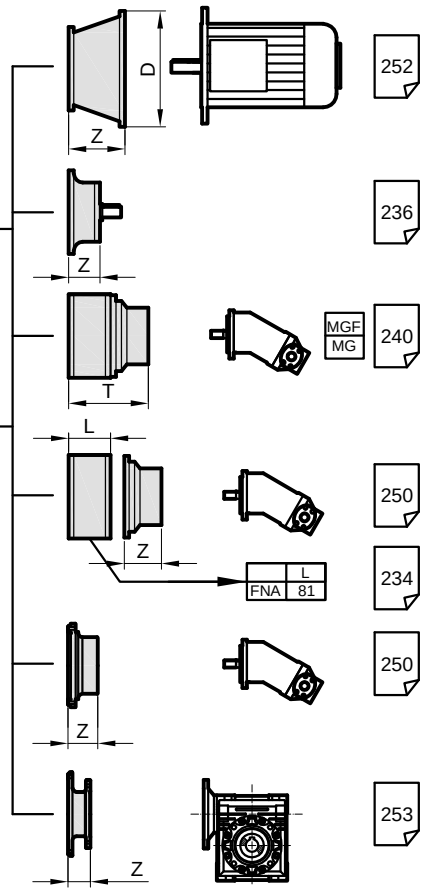


PD..



PDA..

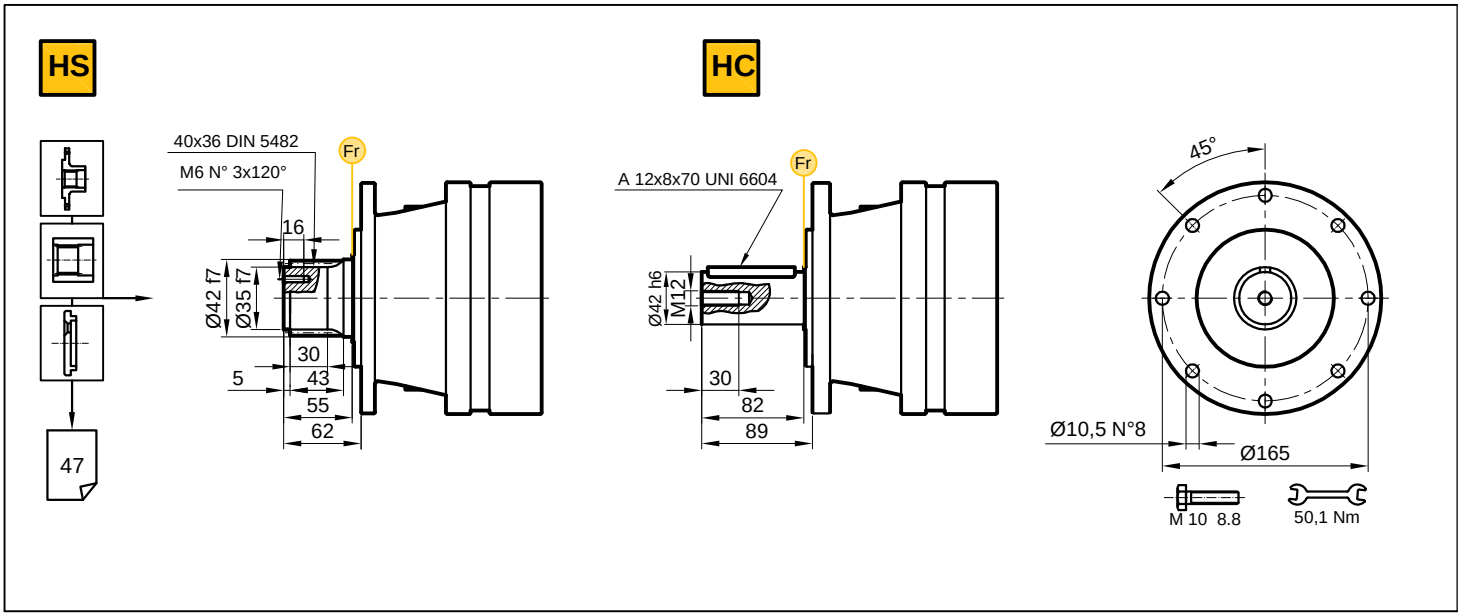


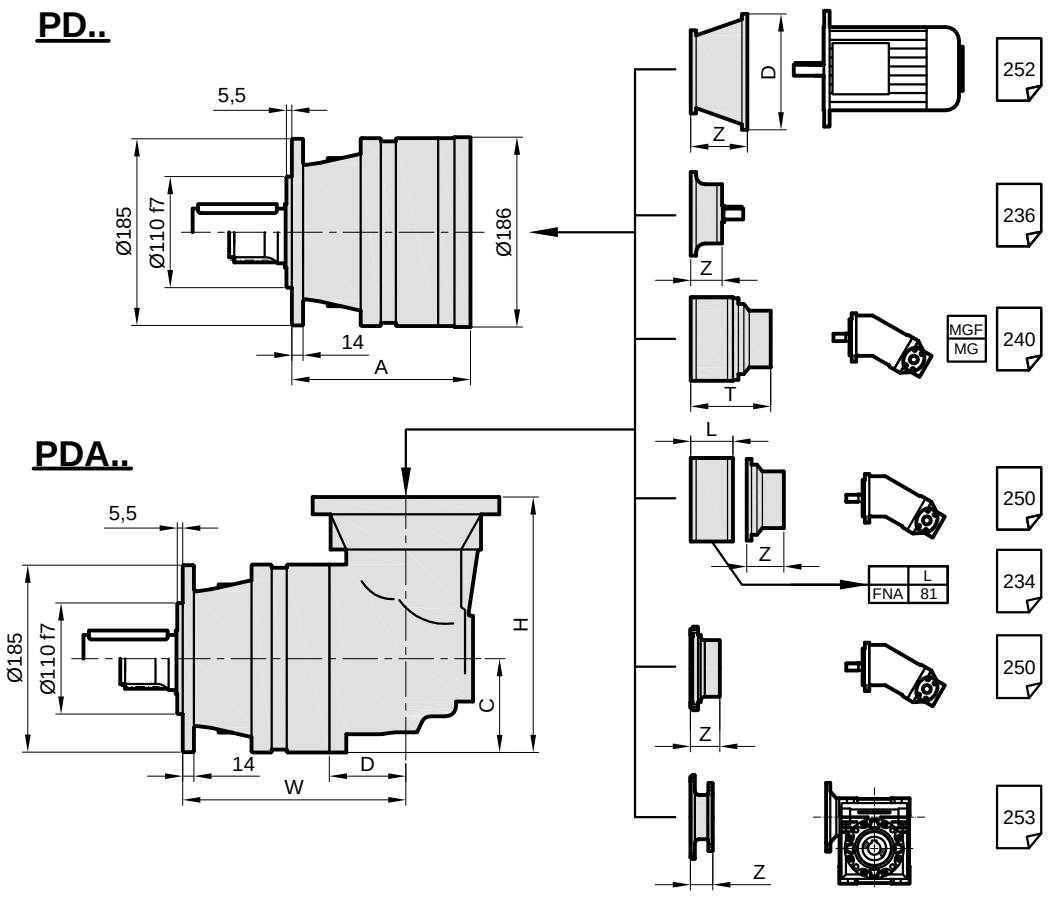


Stage	W	D	C	H	A	PD F	PDA F
S1	-	-	-	-	105	13	-
S2	180	75	93	252	153	19	28
S3	228	75	93	252	201	25	34
S4	276	75	93	252	249	31	40

	H71		H80 / 90		H100 / 112		H132		H160 / 180	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z
S1	185	32	200	60	250	71	300	104	350	120
S2	185	32	200	60	250	71	300	104	350	120
S3	185	32	200	60	-	-	300	104	350	120
S4	185	32	200	60	-	-	300	104	350	120

PD/PDA 101



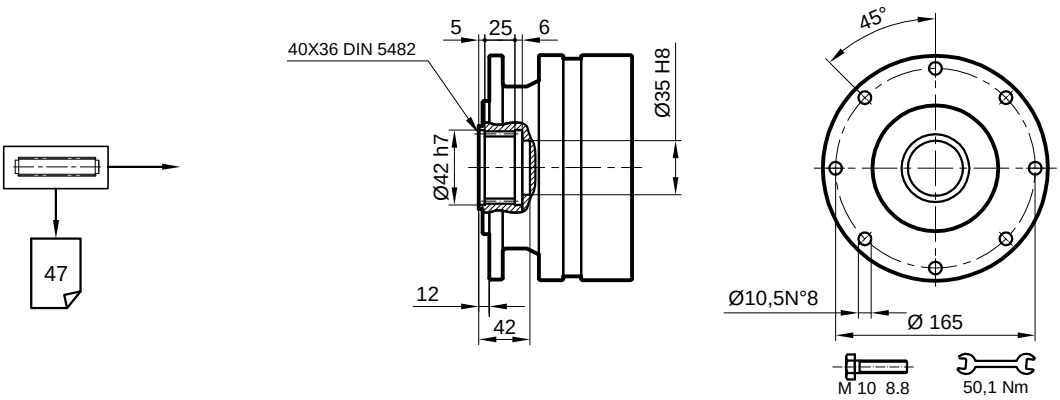


Stage	W	D	C	H	A	PD H	PDA H
S1	-	-	-	-	135	15	-
S2	210	75	93	252	183	21	30
S3	258	75	93	252	231	27	36
S4	306	75	93	252	279	33	42

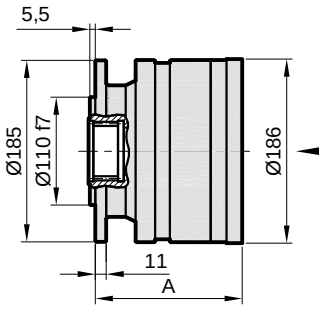
	H71		H80 / 90		H100 / 112		H132		H160 / 180	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z
S1	185	32	200	60	250	71	300	104	350	120
S2	185	32	200	60	250	71	300	104	350	120
S3	185	32	200	60	-	-	300	104	350	120
S4	185	32	200	60	-	-	300	104	350	120

PD/PDA 101

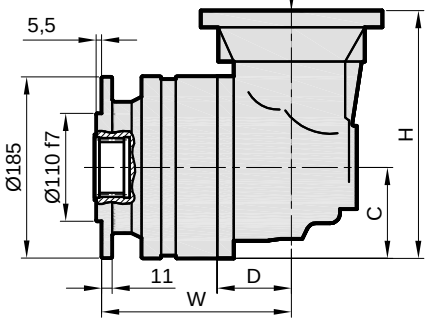
SF

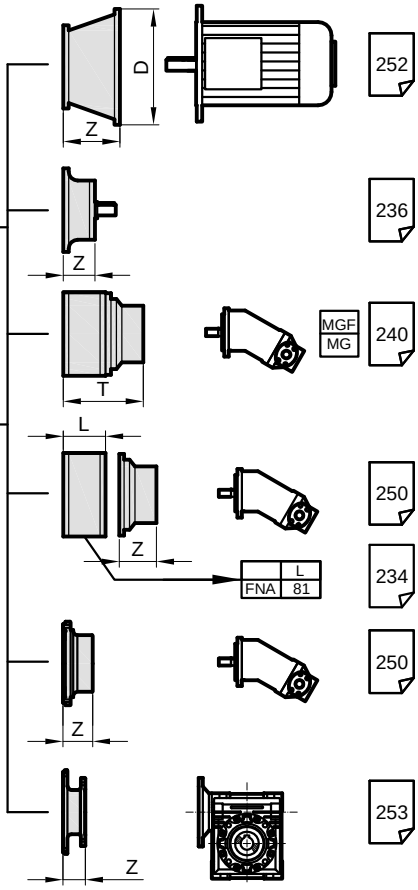


PD..



PDA..

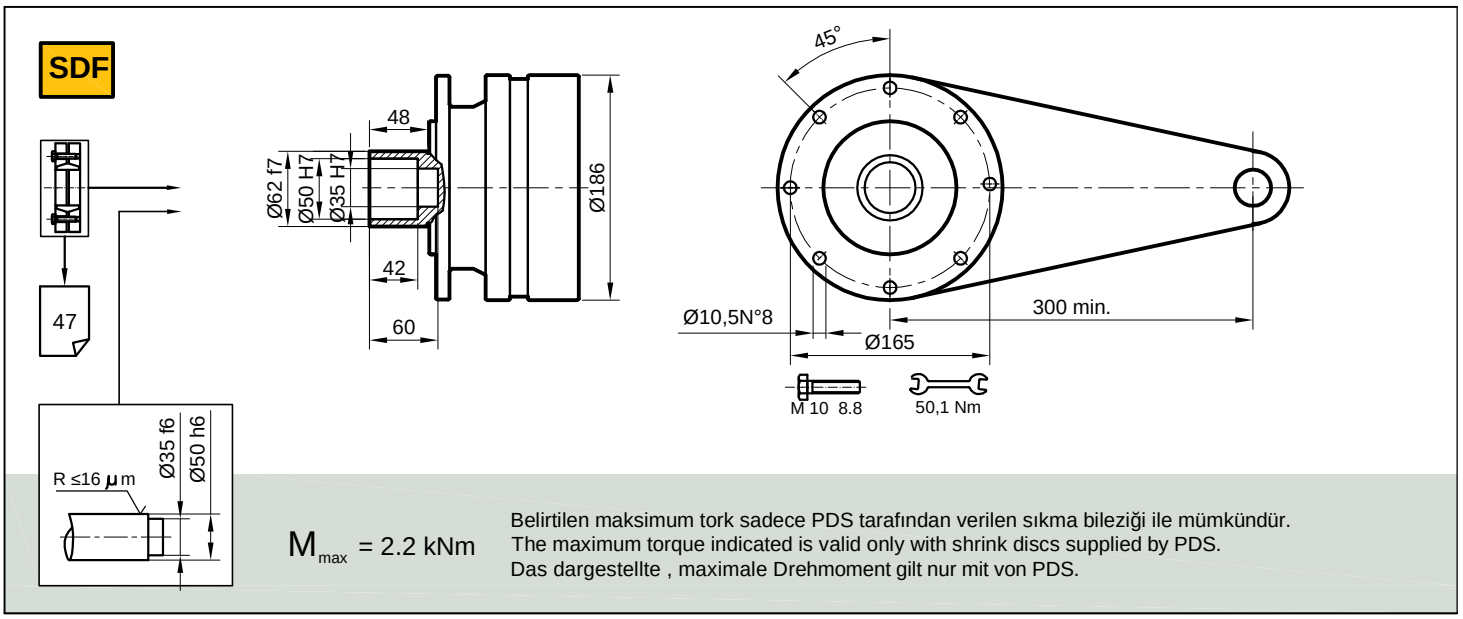




Stage	W	D	C	H	A	PD SF	PDA SF
S1	-	-	-	-	105	11	-
S2	180	75	93	252	153	17	26
S3	228	75	93	252	201	23	32
S4	276	75	93	252	249	29	38

	H71		H80 / 90		H100 / 112		H132		H160 / 180	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z
S1	185	32	200	60	250	71	300	104	350	120
S2	185	32	200	60	250	71	300	104	350	120
S3	185	32	200	60	-	-	300	104	350	120
S4	185	32	200	60	-	-	300	104	350	120

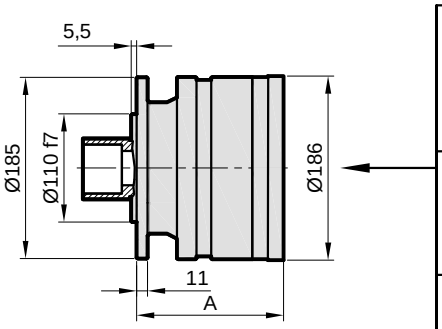
PD/PDA 101



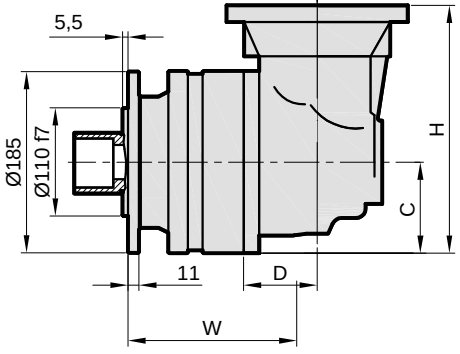
M_{max} = 2.2 kNm

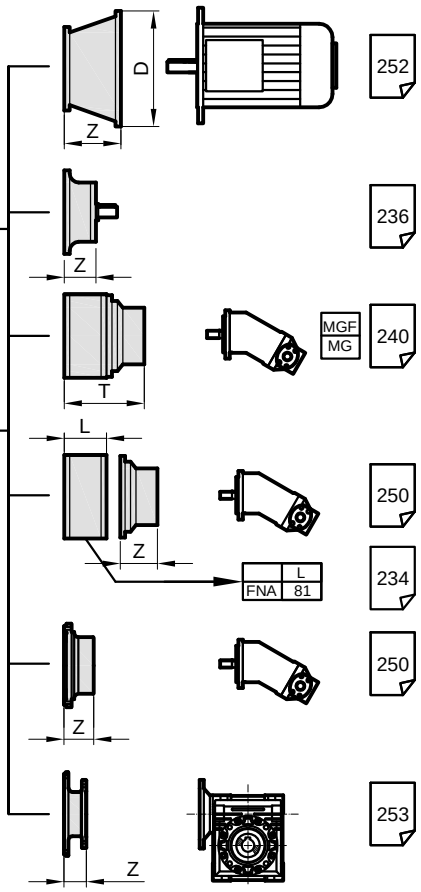
Belirtilen maksimum tork sadece PDS tarafından verilen sıkma bileziği ile mümkündür.
The maximum torque indicated is valid only with shrink discs supplied by PDS.
Das dargestellte , maximale Drehmoment gilt nur mit von PDS.

PD..



PDA..



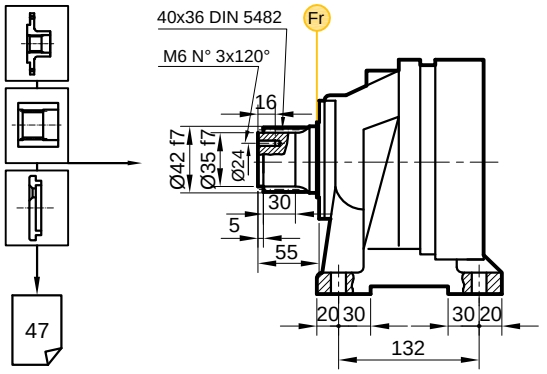


Stage	W	D	C	H	A	PD SDF	PDA SDF
S1	-	-	-	-	105	14	-
S2	180	75	93	252	153	20	29
S3	228	75	93	252	201	26	35
S4	276	75	93	252	249	32	41

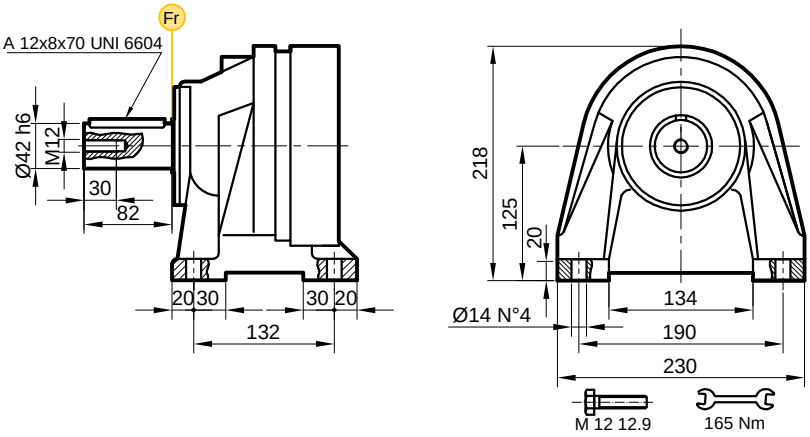
	H71		H80 / 90		H100 / 112		H132		H160 / 180	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z
S1	185	32	200	60	250	71	300	104	350	120
S2	185	32	200	60	250	71	300	104	350	120
S3	185	32	200	60	-	-	300	104	350	120
S4	185	32	200	60	-	-	300	104	350	120

PD/PDA 101

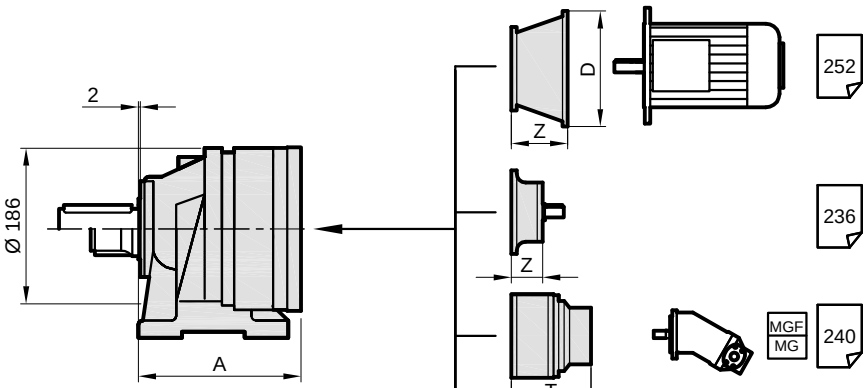
FVS



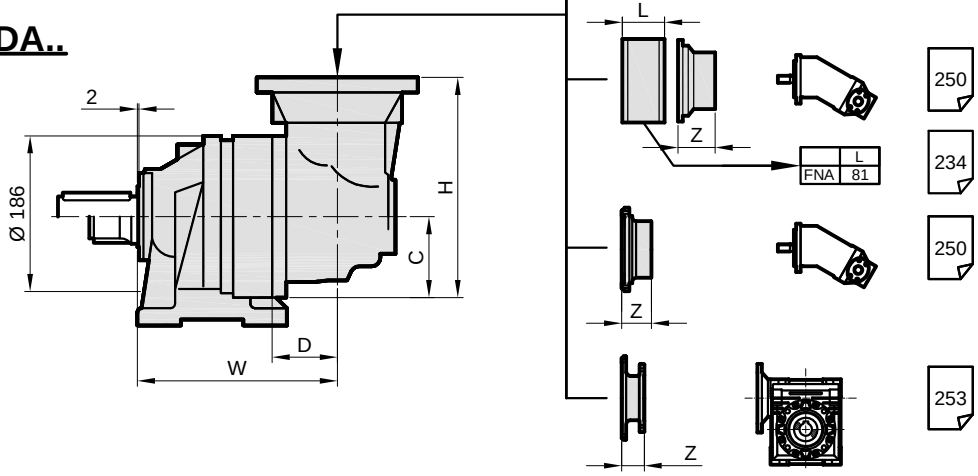
FVC



PD..



PDA..

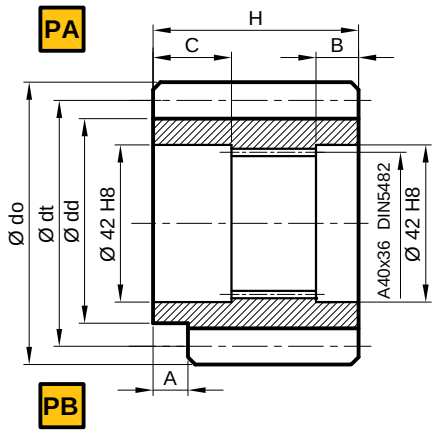


Stage	A	D	C	H	W	PD / FVC	PDA / FVC
S1	135	-	-	-	-	18	-
S2	183	75	93	252	217	24	33
S3	231	75	93	252	265	30	39
S4	279	75	93	252	313	36	45

	H71		H80 / 90		H100 / 112		H132		H160 / 180	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z
S1	185	32	200	60	250	71	300	104	350	120
S2	185	32	200	60	250	71	300	104	350	120
S3	185	32	200	60	-	-	300	104	350	120
S4	185	32	200	60	-	-	300	104	350	120

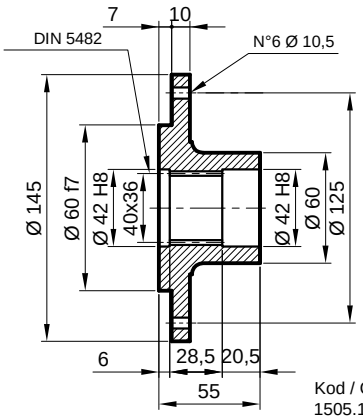
PD/PDA 101

P *Pinyon / Pinion / Ritzel*



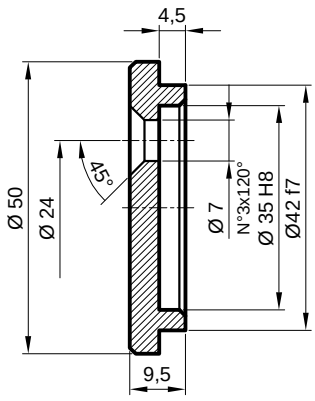
	m	z	x	dt	dd	do	H	A	B	C	Malzeme *Material* Material	Kod Code Bestell
PA	5	14	0,500	70	62,5	62,5	65	0	10	53	39NiCrMo3	1501.101.001
PA	6	12	0,250	72	61	62,5	59	14	4	54	39NiCrMo3	1501.101.002
PB	6	14	0,500	84	73	62,5	65	0	10	54	39NiCrMo3	1502.101.001

FL Flanş / *Flange* / Flansch



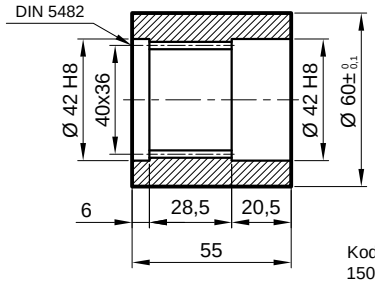
Kod / Code / Bestell
1505.101.200

SP Sabitleme Pulu / *Stop bottom plate* / Endscheibe



Kod / Code / Bestell
1507.101.250

FK Frezeli Kaplin / *Spined bushing* Innenverzahnte Buchse

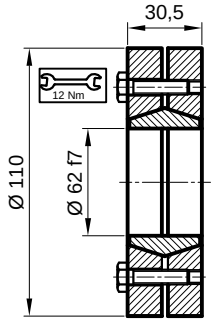


Malzeme /*Material*
Material

UNI C40
SAE 1040
DIN Ck40

Kod / Code / Bestell
1503.101.100

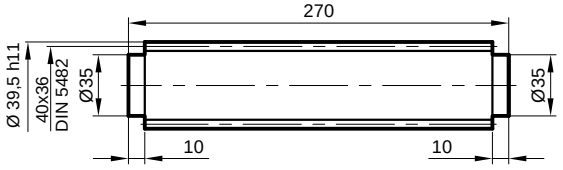
SB Sıkma Bileziği / Shrink disc Schrumpfscheibe



Maksimum tork
Max. torque
Max.Drehmoment
2,2 kNm

Kod / Code / Bestell
2501.101.001

FM Frezeli Mil / Splined rod Außenverzahnte Welle



Malzeme / Material
Material

UNI 39NiCrMo3
Sertleştirilmiş ve Temperlenmiş
Hardened and Tempered
Vergütet

Kod / Code / Bestell
1509.101.260

PD/PDA 101

RADYAL YÜK(Fr)

Aşağıdaki diyagramlar radyal yükleri ve k faktörlerini arzu edilen n_2x h değerlerinde verir.

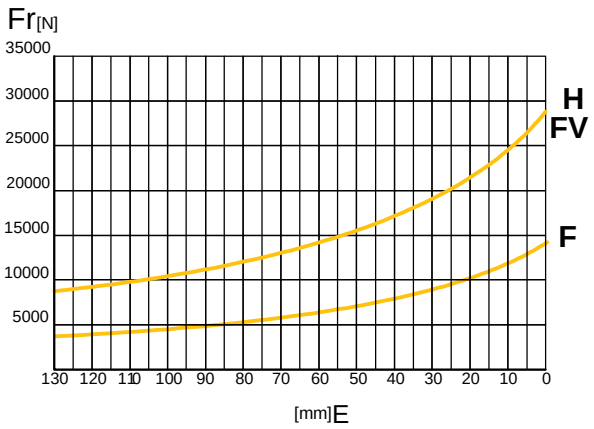
RADIAL LOADS(Fr)

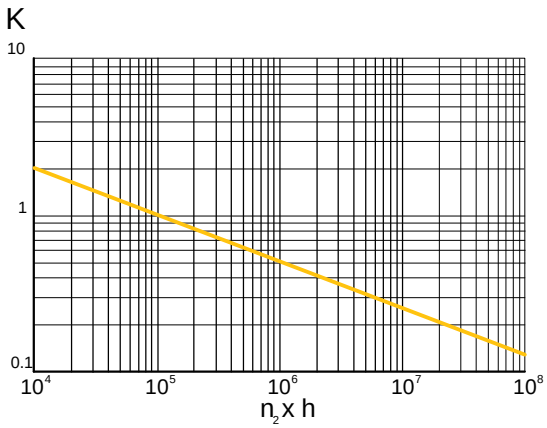
The following curves show the radial loads and the K factors to obtain the required n_2x h value.

RADIALLAST (Fr)

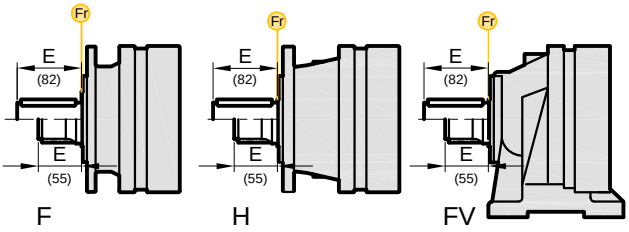
In den nachstehenden Diagrammen ist die Radiallast und der Koeffizient K dargestellt und kann mit dem gewünschten Wert n_2x h verglichen werden.

F-H-FV





	nxh				
	10^5	10^4	10^6	10^7	10^8
F-H	Fr	Fr . K			
FV	Fr .0,75	Fr . K . 0,75			



AKSİYEL YÜKLER (Fa)

Tablodaki aksiyel yük değerleri çıkış tipi ve tatbik edilen yük yönünde verilmiştir.

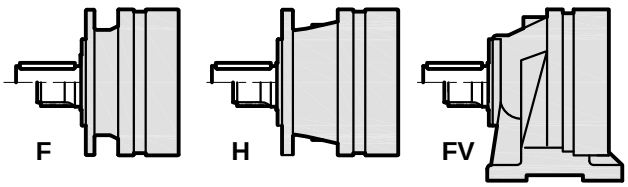
AXIAL LOADS (Fa)

The values of the awial loads in the table refer to the output versions and load directions of application.

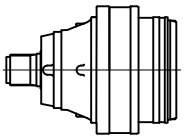
AXIALLAST (Fa)

Die dargestellten Werte der Axiallast basieren auf der Version und der applizierten Lastrichtung.

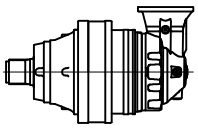
Fa [N]	F	H-FV	
	16000	18000	←
	16000	18000	→



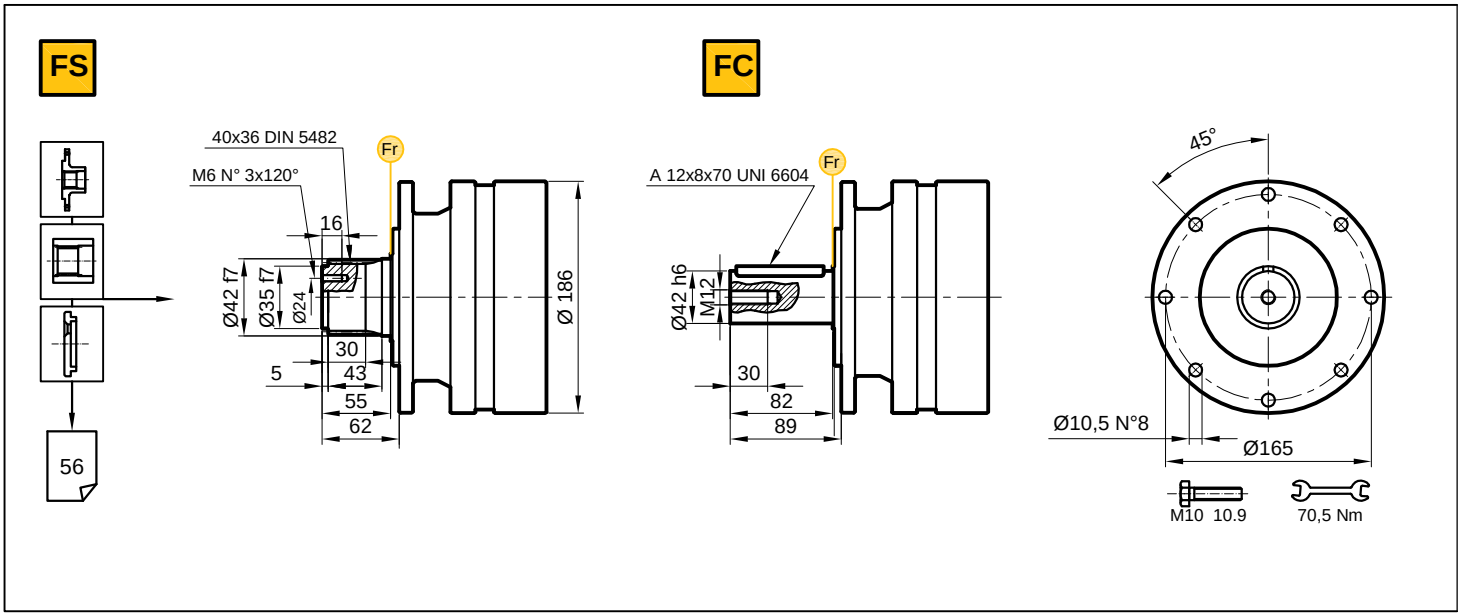
PD 103

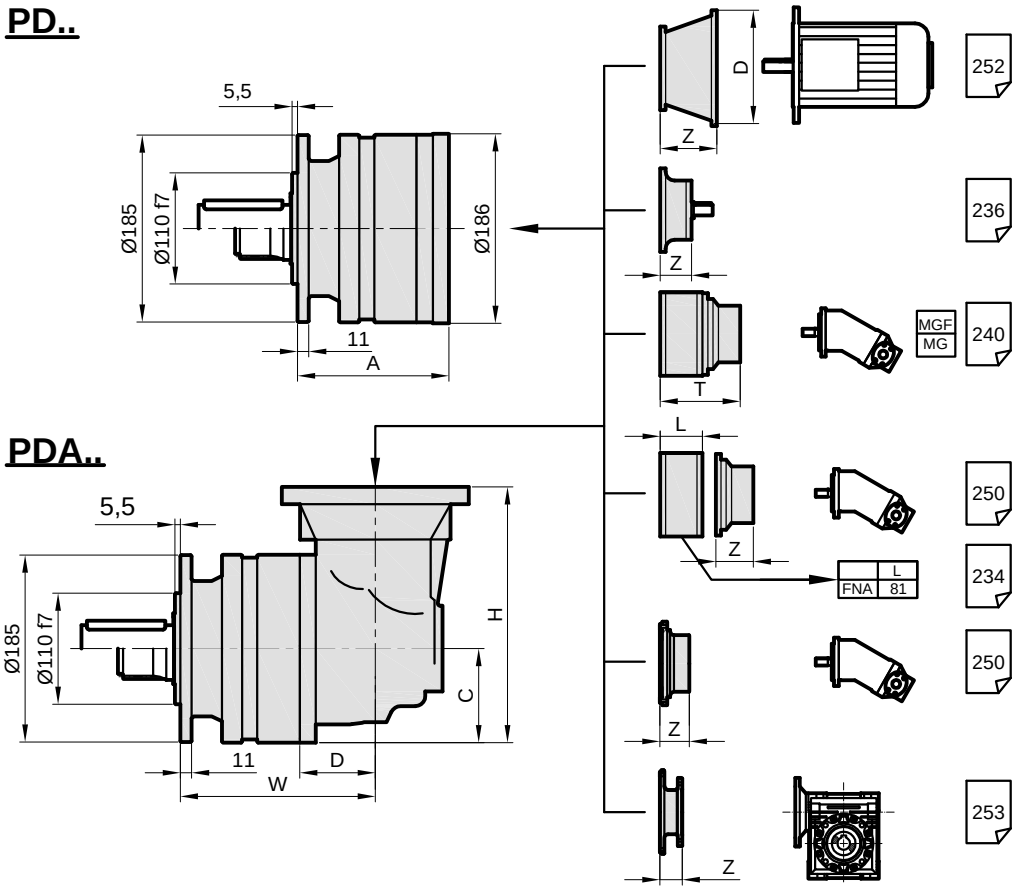
	i	T_2 [Nm]				n_{1max} [min^{-1}]	T_{2max} [Nm]	P_t [kW]
		$n_2$xh						
		10 000	20 000	50 000	100 000			
PD 103 S1	3.55	1920	1700	1450	1280	2800	3400	12
	4.28	1920	1700	1450	1280	2800	3400	12
	5.60	1370	1210	1030	910	2800	2420	12
	6.75	1130	1000	850	750	2800	2000	12
	8.67	740	650	560	490	2800	1300	12
PD 103 S2	12.6	1920	1700	1450	1280	2800	3400	8
	15.2	1920	1700	1450	1280	2800	3400	8
	19.9	1920	1700	1450	1280	2800	3400	8
	23.9	1920	1700	1450	1280	2800	3400	8
	28.9	1920	1700	1450	1280	2800	3400	8
	31.4	1370	1210	1030	910	2800	2420	8
	37.8	1370	1210	1030	910	2800	2420	8
	45.5	1130	1000	850	750	2800	2000	8
	58.5	1130	1000	850	750	2800	2000	8
PD 103 S3	54.1	1920	1700	1450	1280	2800	3400	5
	65.3	1920	1700	1450	1280	2800	3400	5
	70.7	1920	1700	1450	1280	2800	3400	5
	78.7	1920	1700	1450	1280	2800	3400	5
	85.3	1920	1700	1450	1280	2800	3400	5
	102.8	1920	1700	1450	1280	2800	3400	5
	111.5	1920	1700	1450	1280	2800	3400	5
	134.3	1920	1700	1450	1280	2800	3400	5
	161.9	1920	1700	1450	1280	2800	3400	5
	172.5	1920	1700	1450	1280	2800	3400	5
	207.9	1920	1700	1450	1280	2800	3400	5
	211.6	1370	1210	1030	910	2800	2420	5
	255.1	1370	1210	1030	910	2800	2420	5
	271.7	1370	1210	1030	910	2800	2420	5
	307.5	1130	1000	0850	750	2800	2000	5
	327.5	1370	1210	1030	910	2800	2420	5
	394.8	1130	1000	850	750	2800	2000	5
PD 103 S4	337.3	1920	1700	1450	1280	2800	3400	1.5
	365.7	1920	1700	1450	1280	2800	3400	1.5
	396.4	1920	1700	1450	1280	2800	3400	1.5
	440.8	1920	1700	1450	1280	2800	3400	1.5
	477.8	1920	1700	1450	1280	2800	3400	1.5
	531.3	1920	1700	1450	1280	2800	3400	1.5
	575.9	1920	1700	1450	1280	2800	3400	1.5
	624.4	1920	1700	1450	1280	2800	3400	1.5
	694.2	1920	1700	1450	1280	2800	3400	1.5
	752.6	1920	1700	1450	1280	2800	3400	1.5
	836.8	1920	1700	1450	1280	2800	3400	1.5
	907.1	1920	1700	1450	1280	2800	3400	1.5
	966.3	1920	1700	1450	1280	2800	3400	1.5
	1093.4	1920	1700	1450	1280	2800	3400	1.5
	1144.5	1920	1700	1450	1280	2800	3400	1.5
	1185.4	1370	1210	1030	910	2800	2420	1.5
	1318.0	1920	1700	1450	1280	2800	3400	1.5
	1428.8	1370	1210	1030	910	2800	2420	1.5
	1692.3	1920	1700	1450	1280	2800	3400	1.5
	3422.1	1130	1000	850	750	2800	2000	1.5

PDA 103

	i	T_2[Nm] $n_2$xh				n_{1max} [min^{-1}]	T_{2max} [Nm]	P_t [kW]
		10 000	20 000	50 000	100 000			
PDA 103 S2	10.4	1920	1700	1450	1280	2800	3400	8
	12.5	1920	1700	1450	1280	2800	3400	8
	16.4	1370	1210	1030	910	2800	2420	8
	19.7	1130	1000	850	750	2800	2000	8
PDA 103 S3	37.0	1920	1700	1450	1280	2800	3400	5
	44.6	1920	1700	1450	1280	2800	3400	5
	53.8	1920	1700	1450	1280	2800	3400	5
	58.4	1920	1700	1450	1280	2800	3400	5
	70.3	1920	1700	1450	1280	2800	3400	5
	84.8	1920	1700	1450	1280	2800	3400	5
	91.9	1370	1210	1030	910	2800	2420	5
	110.8	1370	1210	1030	910	2800	2420	5
	133.6	1130	1000	850	750	2800	2000	5
	171.5	1130	1000	850	750	2800	2000	5
PDA 103 S4	131.8	1920	1700	1450	1280	2800	3400	1.5
	158.9	1920	1700	1450	1280	2800	3400	1.5
	191.5	1920	1700	1450	1280	2800	3400	1.5
	207.6	1920	1700	1450	1280	2800	3400	1.5
	230.8	1920	1700	1450	1280	2800	3400	1.5
	301.7	1920	1700	1450	1280	2800	3400	1.5
	327.0	1920	1700	1450	1280	2800	3400	1.5
	363.6	1920	1700	1450	1280	2800	3400	1.5
	394.2	1920	1700	1450	1280	2800	3400	1.5
	475.1	1920	1700	1450	1280	2800	3400	1.5
	515.3	1370	1210	1030	910	2800	2420	1.5
	572.7	1920	1700	1450	1280	2800	3400	1.5
	610.1	1920	1700	1450	1280	2800	3400	1.5
	735.4	1920	1700	1450	1280	2800	3400	1.5
	797.2	1370	1210	1030	910	2800	2420	1.5
	960.9	1370	1210	1030	910	2800	2420	1.5
	1158.2	1130	1000	850	750	2800	2000	1.5
	1233.7	1370	1210	1030	910	2800	2420	1.5
	1487.1	1130	1000	850	750	2800	2000	1.5

PD/PDA 103

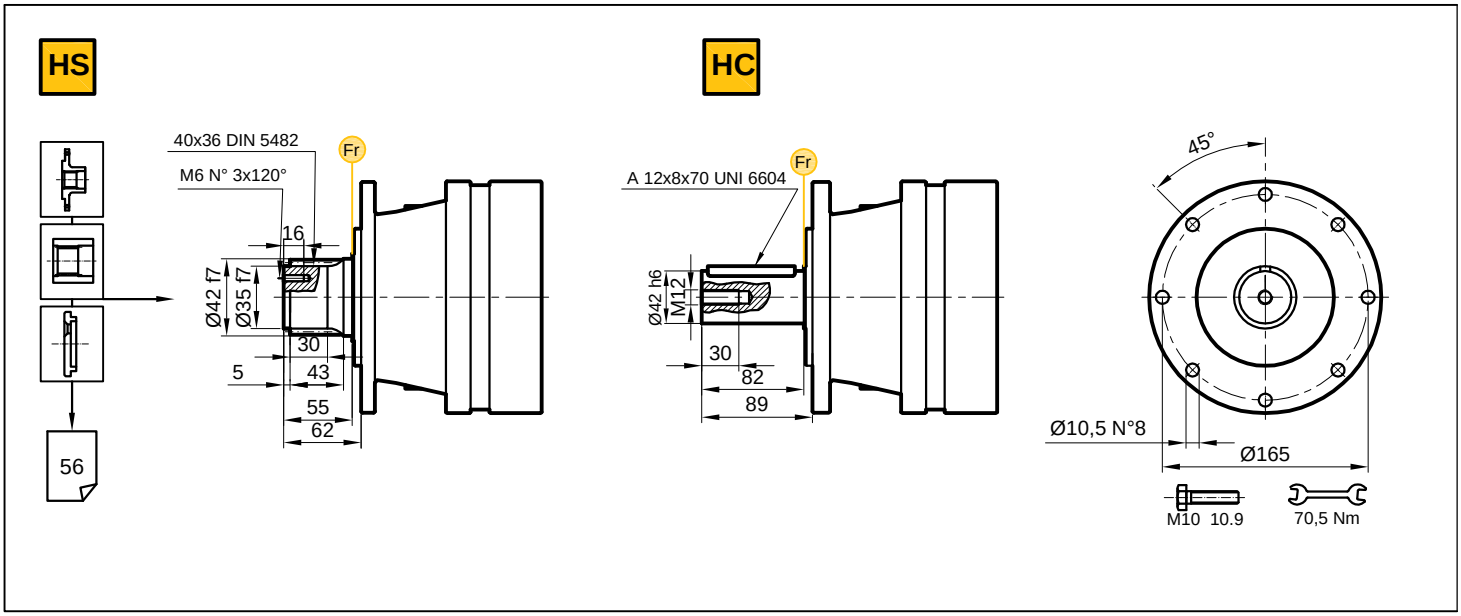


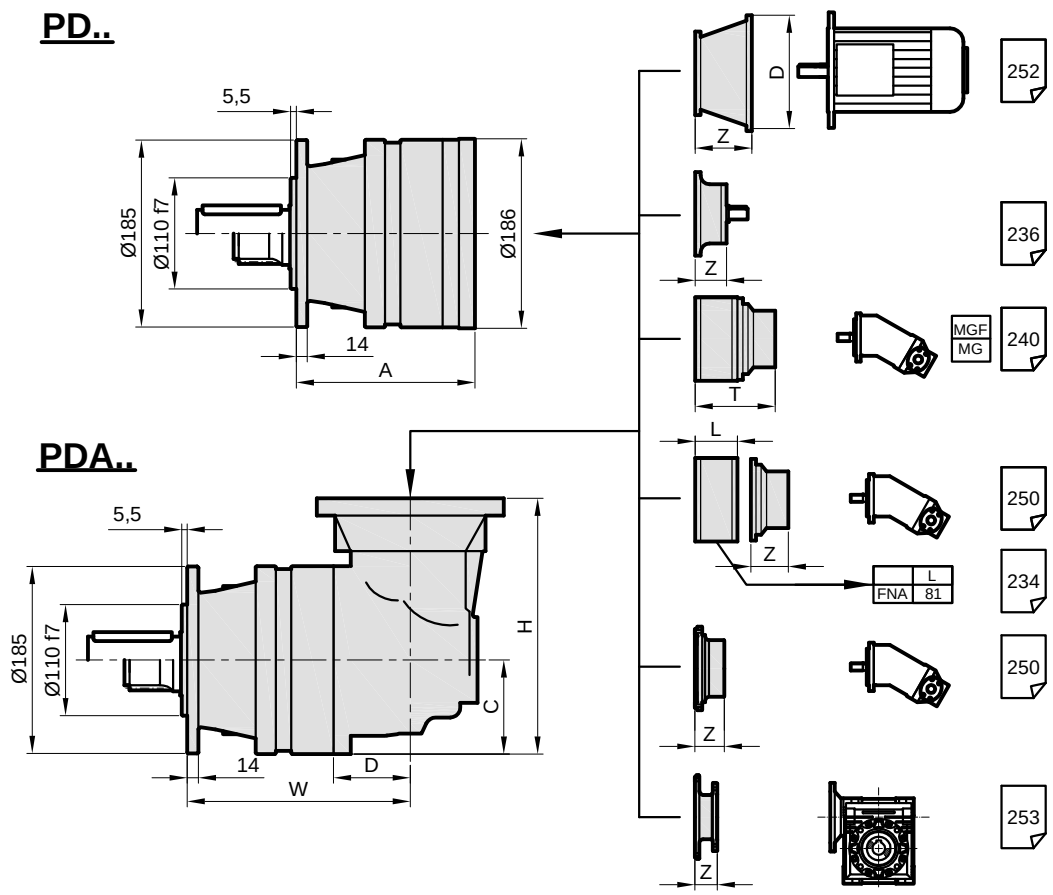


Stage	W	D	C	H	A	PD F	PDA F
S1	-	-	-	-	118	15	-
S2	193	75	93	252	166	21	30
S3	241	75	93	252	214	27	36
S4	289	75	93	252	262	33	42

	H71		H80 / 90		H100 / 112		H132		H160 / 180	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z
S1	185	32	200	60	250	71	300	104	350	120
S2	185	32	200	60	250	71	300	104	350	120
S3	185	32	200	60	-	-	300	104	350	120
S4	185	32	200	60	-	-	300	104	350	120

PD/PDA 103



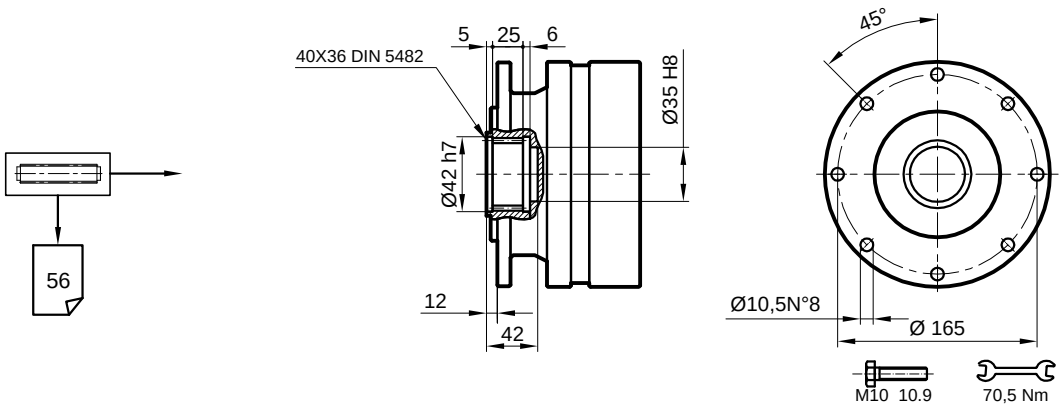


Stage	W	D	C	H	A	PD H	PDA H
S1	-	-	-	-	148	17	-
S2	223	75	93	252	196	23	32
S3	271	75	93	252	244	29	38
S4	319	75	93	252	292	35	44

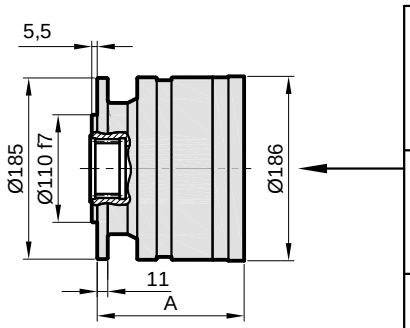
	H71		H80 / 90		H100 / 112		H132		H160 / 180	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z
S1	185	32	200	60	250	71	300	104	350	120
S2	185	32	200	60	250	71	300	104	350	120
S3	185	32	200	60	-	-	300	104	350	120
S4	185	32	200	60	-	-	300	104	350	120

PD/PDA 103

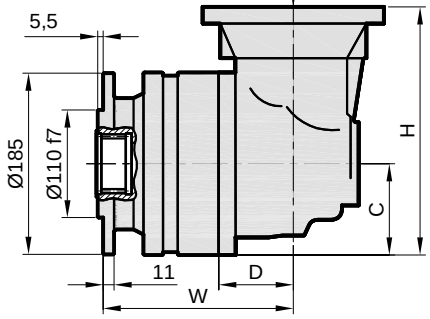
SF

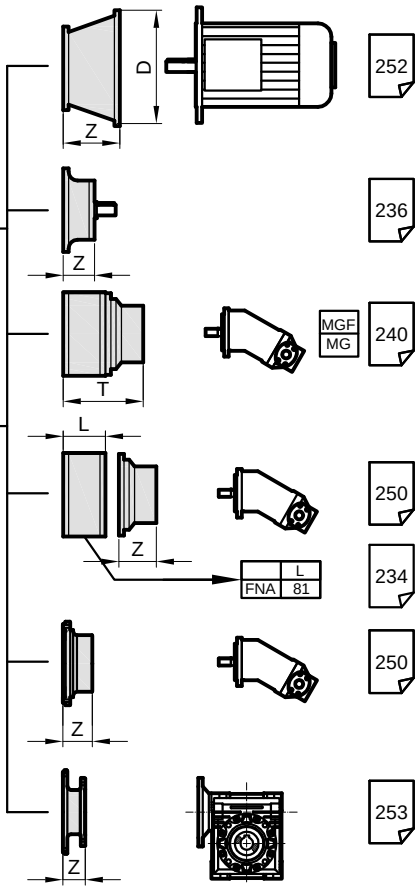


PD..



PDA..



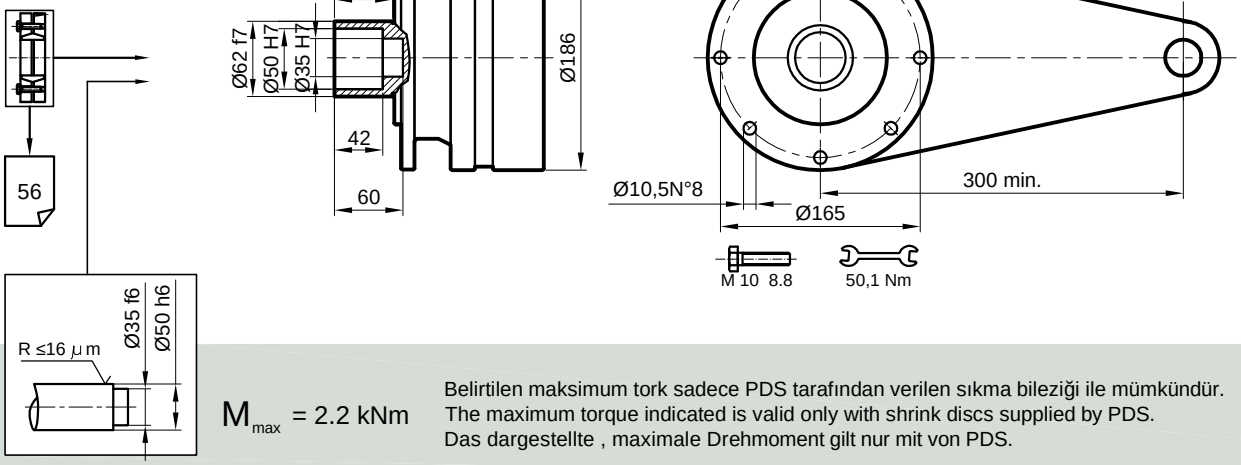


Stage	W	D	C	H	A	PD S	PDA S
S1	-	-	-	-	118	13	-
S2	193	75	93	252	166	19	28
S3	241	75	93	252	214	25	34
S4	289	75	93	252	262	31	40

	H71		H80 / 90		H100 / 112		H132		H160 / 180	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z
S1	185	32	200	60	250	71	300	104	350	120
S2	185	32	200	60	250	71	300	104	350	120
S3	185	32	200	60	-	-	300	104	350	120
S4	185	32	200	60	-	-	300	104	350	120

PD/PDA 103

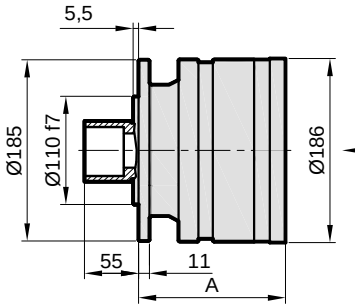
SDF



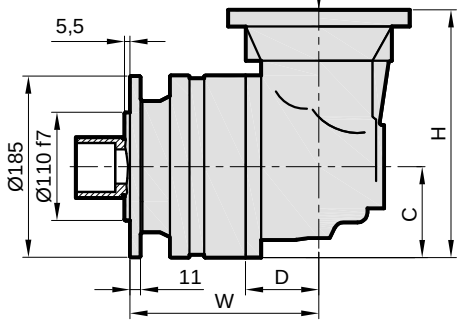
M_{max} = 2.2 kNm

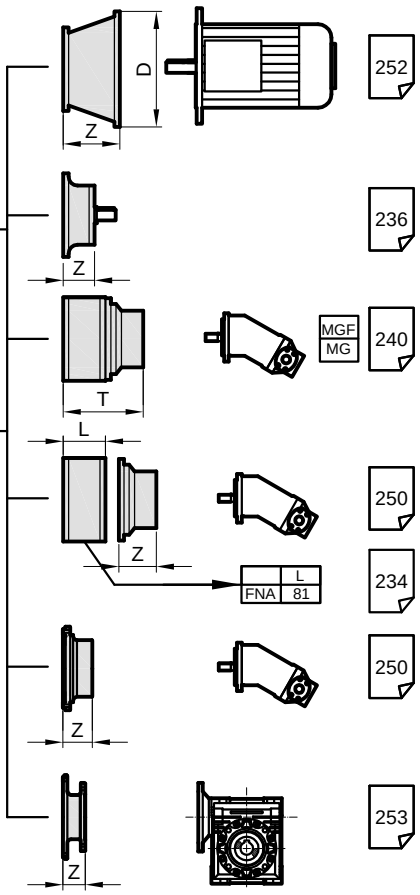
Belirtilen maksimum tork sadece PDS tarafından verilen sıkma bileziği ile mümkündür.
The maximum torque indicated is valid only with shrink discs supplied by PDS.
Das dargestellte , maximale Drehmoment gilt nur mit von PDS.

PD..



PDA..



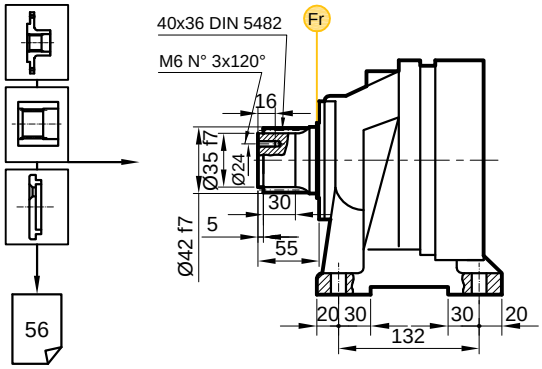


Stage	W	D	C	H	A	PD SDF	PDA SDF
S1	-	-	-	-	118	16	–
S2	193	75	93	252	166	22	31
S3	241	75	93	252	214	28	37
S4	289	75	93	252	262	34	43

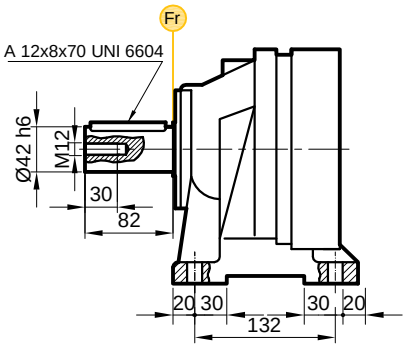
	H71		H80 / 90		H100 / 112		H132		H160 / 180	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z
S1	185	32	200	60	250	71	300	104	350	120
S2	185	32	200	60	250	71	300	104	350	120
S3	185	32	200	60	-	-	300	104	350	120
S4	185	32	200	60	-	-	300	104	350	120

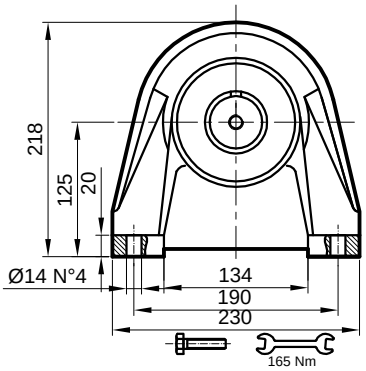
PD/PDA 103

FVS

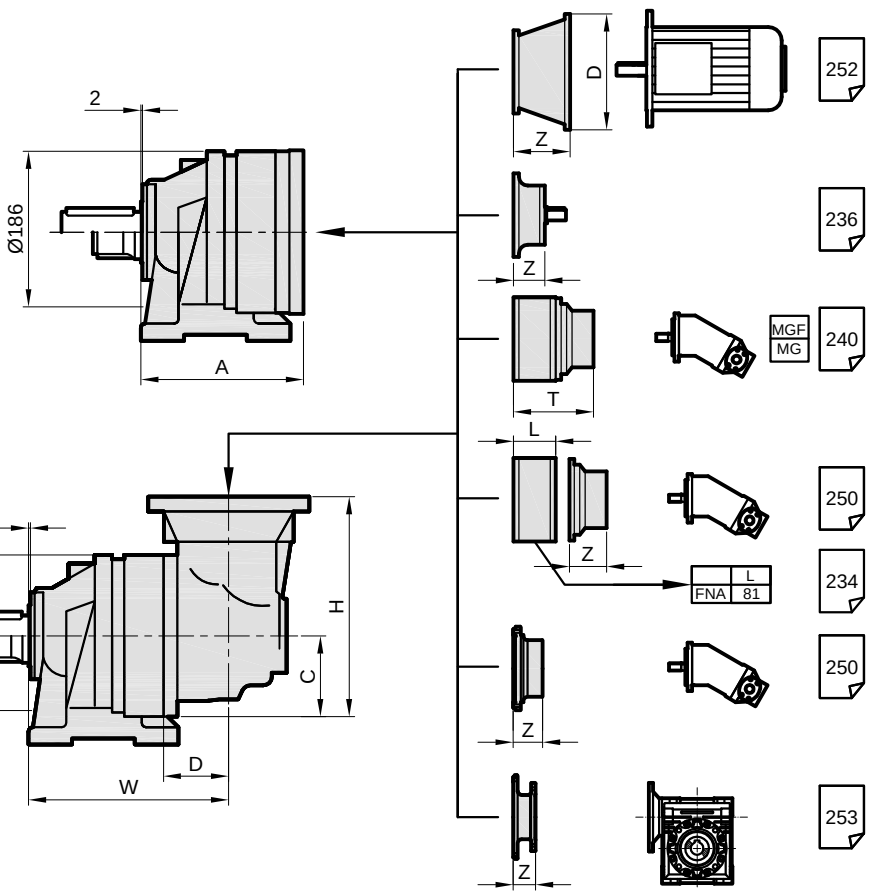


FVC

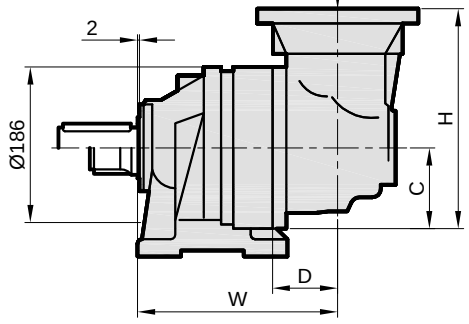




PD..



PDA..

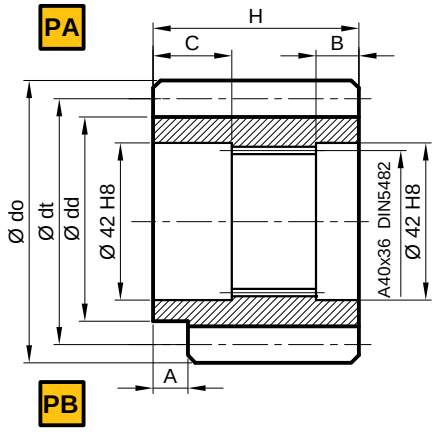


Stage	W	D	C	H	A	PD FVC	PDA FVC
S1	-	-	-	-	148	20	-
S2	230	75	93	252	196	26	35
S3	278	75	93	252	244	32	41
S4	326	75	93	252	292	38	47

	H71		H80 / 90		H100 / 112		H132		H160 / 180	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z
S1	185	32	200	60	250	71	300	104	350	120
S2	185	32	200	60	250	71	300	104	350	120
S3	185	32	200	60	-	-	300	104	350	120
S4	185	32	200	60	-	-	300	104	350	120

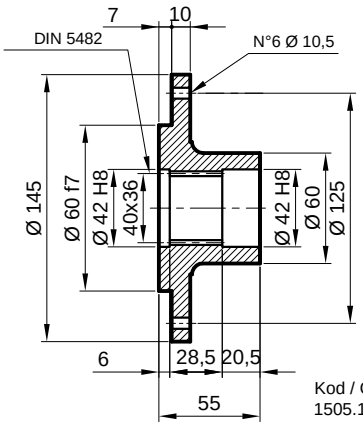
PD/PDA 103

P *Pinyon / Pinion / Ritzel*



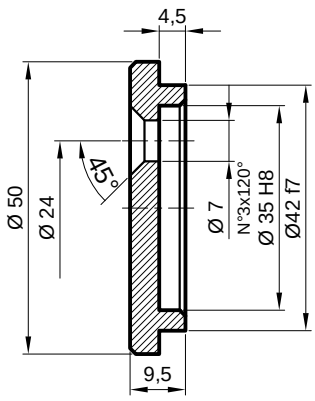
	m	z	x	dt	dd	do	H	A	B	C	Malzeme *Material* Material	Kod Code Bestell
PA	5	14	0,500	70	62,5	62,5	65	0	10	53	39NiCrMo3	1501.101.001
PA	6	12	0,250	72	61	62,5	59	14	4	54	39NiCrMo3	1501.101.002
PB	6	14	0,500	84	73	62,5	65	0	10	54	39NiCrMo3	1502.101.001

FL Flanş / *Flange* / Flansch



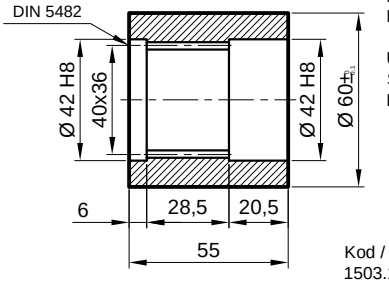
Kod / Code / Bestell
1505.101.200

SP Sabitleme Pulu / *Stop bottom plate* / Endscheibe



Kod / Code / Bestell
1507.101.250

FK Frezeli Kaplin / *Spined bushing* Innenverzahnte Buchse

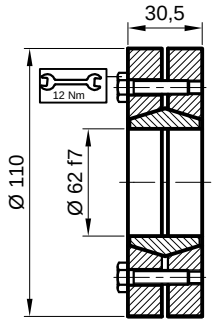


Malzeme /*Material*
Material

UNI C40
SAE 1040
DIN Ck40

Kod / Code / Bestell
1503.101.100

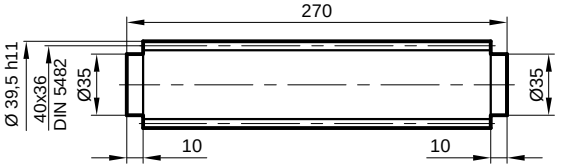
SB Sıkma Bileziği / Shrink disc Schrumpfscheibe



Maksimum tork
Max. torque
Max.Drehmoment
2,2 kNm

Kod / Code / Bestell
2501.101.001

FM Frezeli Mil / Splined rod Außenverzahnte Welle



Malzeme / Material
Material

UNI 39NiCrMo3
Sertleştirilmiş ve Temperlenmiş
Hardened and Tempered
Vergütet

Kod / Code / Bestell
1509.101.260

PD/PDA 103

RADYAL YÜK(Fr)

Aşağıdaki diyagramlar radyal yükleri ve k faktörlerini arzu edilen n_2x h değerlerinde verir.

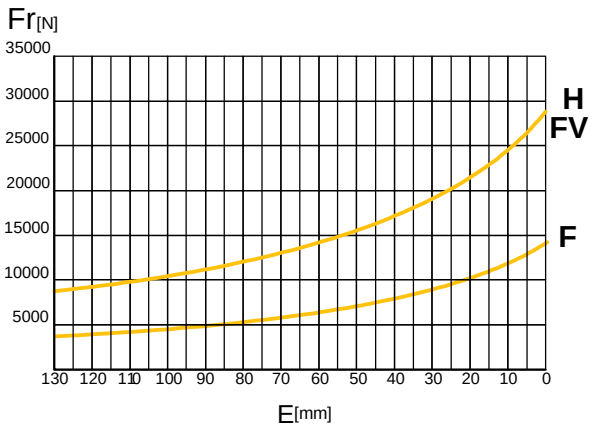
RADIAL LOADS(Fr)

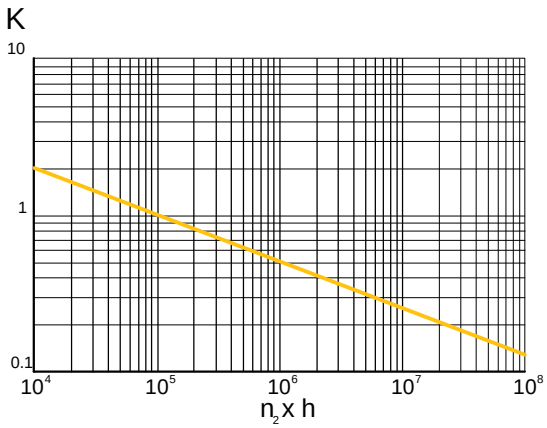
The following curves show the radial loads and the K factors to obtain the required n_2x h value.

RADIALLAST (Fr)

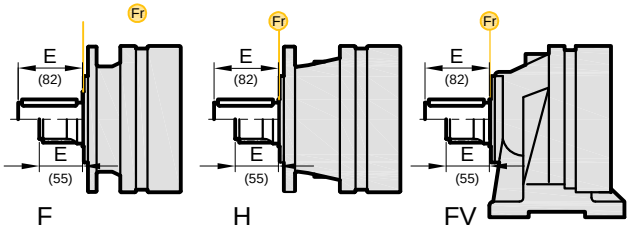
In den nachstehenden Diagrammen ist die Radiallast und der Koeffizient K dargestellt und kann mit dem gewünschten Wert n_2x h verglichen werden.

F-H-FV





	nxh				
	10^5	10^4	10^6	10^7	10^8
F-H	Fr	Fr . K			
FV	Fr .0,75	Fr . K . 0,75			



AKSİYEL YÜKLER (Fa)

Tablodaki aksiyel yük değerleri çıkış tipi ve tatbik edilen yük yönünde verilmiştir.

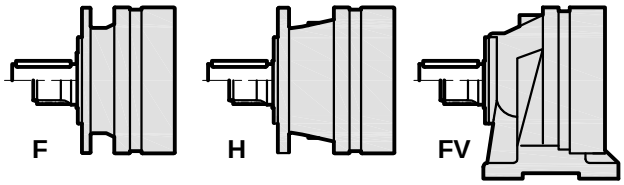
AXIAL LOADS (Fa)

The values of the awial loads in the table refer to the output versions and load directions of application.

AXIALLAST (Fa)

Die dargestellten Werte der Axiallast basieren auf der Version und der applizierten Lastrichtung.

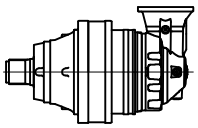
Fa [N]	F	H-FV	
	16000	18000	←
	16000	18000	→



PD 105

	i	T_2 [Nm]				n_{1max} [min^{-1}]	T_{2max} [Nm]	P_t [kW]
		$n_2$xh						
		10 000	20 000	50 000	100 000			
PD 105 S1	3.77	3980	3520	3000	2650	2800	7040	20
	4.12	3600	3190	2710	2400	2800	6380	20
	5.16	3010	2660	2260	2000	2800	5320	20
	6.00	2520	2230	1900	1680	2800	4460	20
	7.25	1950	1730	1470	1300	2800	3460	20
PD 105 S2	13.4	3980	3520	3000	2650	2800	7040	12
	16.1	3980	3520	3000	2650	2800	7040	12
	18.3	3010	2660	2260	2000	2800	5320	12
	23.1	3600	3190	2710	2400	2800	6380	12
	28.9	3010	2660	2260	2000	2800	5320	12
	34.8	3010	2660	2260	2000	2800	5320	12
	40.5	2520	2230	1900	1680	2800	4460	12
	48.9	1950	1730	1470	1300	2800	3460	12
	62.8	1950	1730	1470	1300	2800	3460	12
PD 105 S3	52.1	3600	3190	2710	2400	2800	6380	8
	57.5	3980	3520	3000	2650	2800	7040	8
	62.8	3600	3190	2710	2400	2800	6380	8
	75.2	3980	3520	3000	2650	2800	7040	8
	82.1	3600	3190	2710	2400	2800	6380	8
	90.6	3980	3520	3000	2650	2800	7040	8
	98.9	3600	3190	2710	2400	2800	6380	8
	119.3	3600	3190	2710	2400	2800	6380	8
	129.3	3600	3190	2710	2400	2800	6380	8
	149.4	3010	2660	2260	2000	2800	5320	8
	155.9	3600	3190	2710	2400	2800	6380	8
	162.0	3010	2660	2260	2000	2800	5320	8
	173.5	2520	2230	1900	1680	2800	4460	8
	195.2	3010	2660	2260	2000	2800	5320	8
	235.4	3010	2660	2260	2000	2800	5320	8
	273.3	2520	2230	1900	1680	2800	4460	8
	302.2	3010	2660	2260	2000	2800	5320	8
	330.3	1950	1730	1470	1300	2800	3460	8
	424.1	1950	1730	1470	1300	2800	3460	8
PD 105 S4	351.9	3600	3190	2710	2400	2800	6380	4
	365.7	3010	2660	2260	2000	2800	5320	4
	388.5	3980	3520	3000	2650	2800	7040	4
	413.8	3980	3520	3000	2650	2800	7040	4
	424.2	3600	3190	2710	2400	2800	6380	4
	468.3	3980	3520	3000	2650	2800	7040	4
	511.4	3600	3190	2710	2400	2800	6380	4
	554.3	3600	3190	2710	2400	2800	6380	4
	611.9	3980	3520	3000	2650	2800	7040	4
	668.2	3600	3190	2710	2400	2800	6380	4
	737.6	3980	3520	3000	2650	2800	7040	4
	805.4	3600	3190	2710	2400	2800	6380	4
	857.9	3600	3190	2710	2400	2800	6380	4
	907.3	3010	2660	2260	2000	2800	5320	4
	1052.4	3600	3190	2710	2400	2800	6380	4
	1121.1	3600	3190	2710	2400	2800	6380	4
	1318.2	3010	2660	2260	2000	2800	5320	4
	1588.9	3010	2660	2260	2000	2800	5320	4
	1845.2	2520	2230	1900	1680	2800	4460	4
	2369.2	2520	2230	1900	1680	2800	4460	4

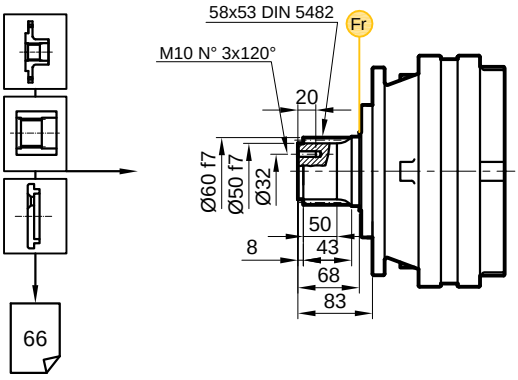
PDA 105



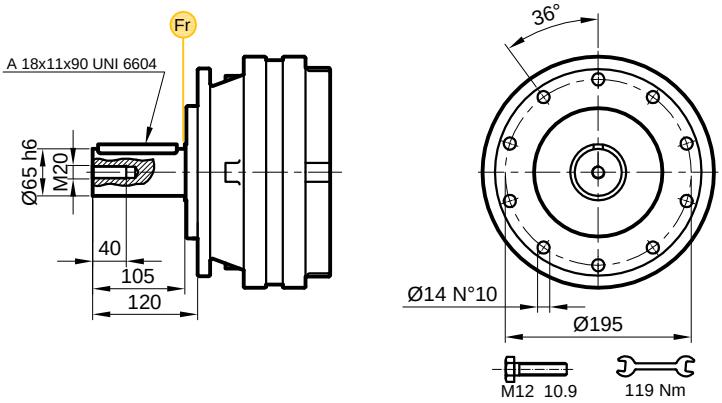
	i	T_2[Nm] $n_2$xh				n_{1max} [min^{-1}]	T_{2max} [Nm]	P_t [kW]
		10 000	20 000	50 000	100 000			
PDA 105 S2	12.0	3600	3190	2710	2400	2800	6380	12
	15.1	3010	2660	2260	2000	2800	5320	12
	17.5	2520	2230	1900	1680	2800	4460	12
	21.2	1950	1730	1470	1300	2800	3460	12
PDA 105 S3	39.3	3980	3520	3000	2650	2800	7040	8
	47.4	3980	3520	3000	2650	2800	7040	8
	53.8	3010	2660	2260	2000	2800	5320	8
	67.7	3600	3190	2710	2400	2800	6380	8
	75.4	2520	2230	1900	1680	2800	4460	8
	84.8	3010	2660	2260	2000	2800	5320	8
	91.1	1950	1730	1470	1300	2800	3460	8
	102.2	3010	2660	2260	2000	2800	5320	8
	118.7	2520	2230	1900	1680	2800	4460	8
	143.5	1950	1730	1470	1300	2800	3460	8
PDA 105 S4	140.0	3980	3520	3000	2650	2800	7040	4
	168.8	3980	3520	3000	2650	2800	7040	4
	184.3	3600	3190	2710	2400	2800	6380	4
	220.6	3980	3520	3000	2650	2800	7040	4
	240.9	3600	3190	3710	2400	2800	6380	4
	265.9	3980	3520	3000	2650	2800	7040	4
	290.3	3600	3190	2710	2400	2800	6380	4
	320.5	3980	3520	3000	2650	2800	7040	4
	350.0	3600	3190	2710	2400	2800	6380	4
	422.3	2520	2230	1900	1680	2800	4460	4
	449.4	3600	3190	2710	2400	2800	6380	4
	475.2	3010	2660	2260	2000	2800	5320	4
	509.1	2520	2230	1900	1680	2800	4460	4
	551.9	2520	2230	1900	1680	2800	4460	4
	615.2	1950	1730	1470	1300	2800	3460	4
	665.2	2520	2230	1900	1680	2800	4460	4
	735.5	3010	2660	2260	2000	2800	5320	4
	801.8	2520	2230	1900	1680	2800	4460	4
	1244.0	1950	1730	1470	1300	2800	3460	4

PD/PDA 105

FS



FC



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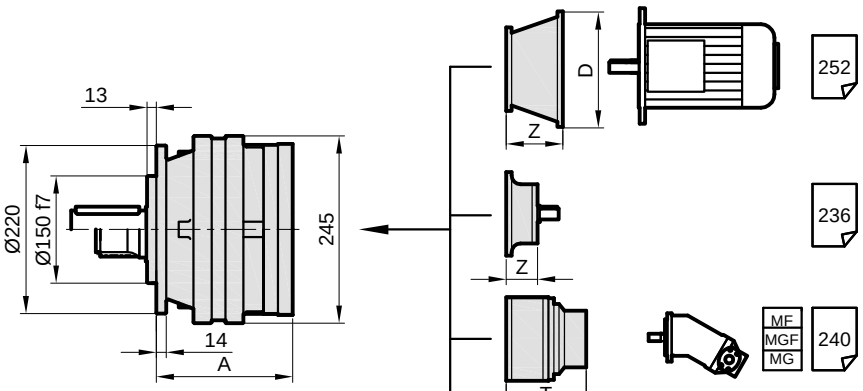

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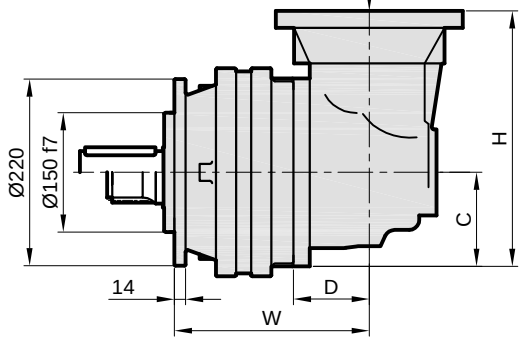
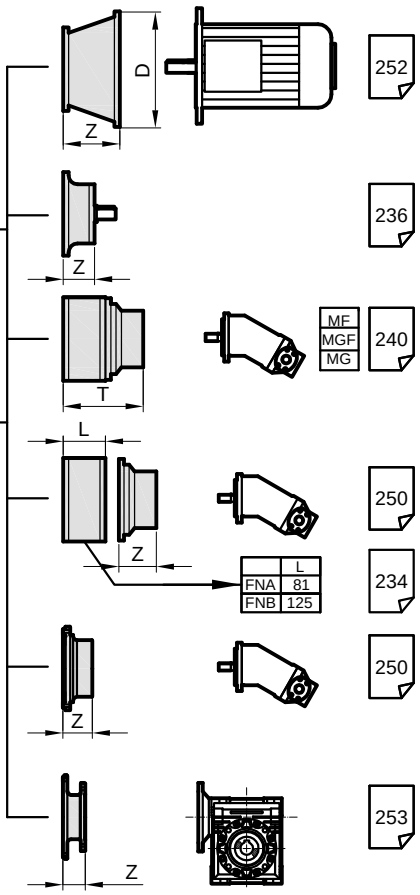
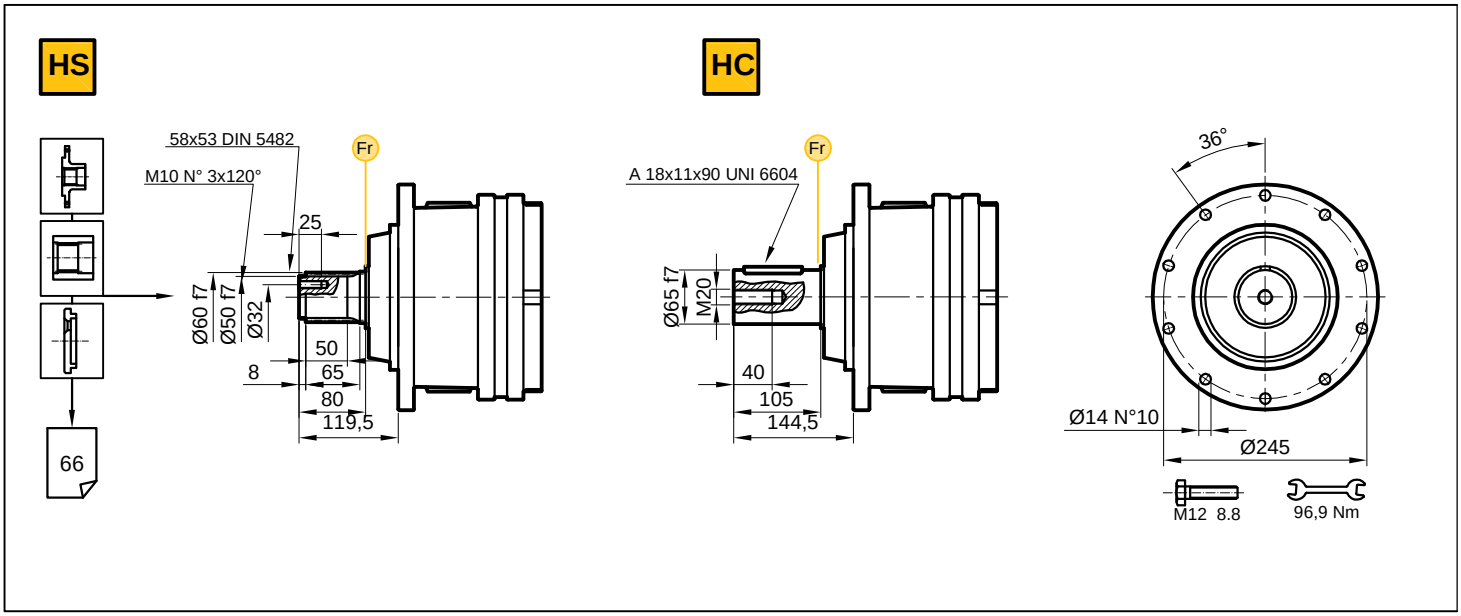


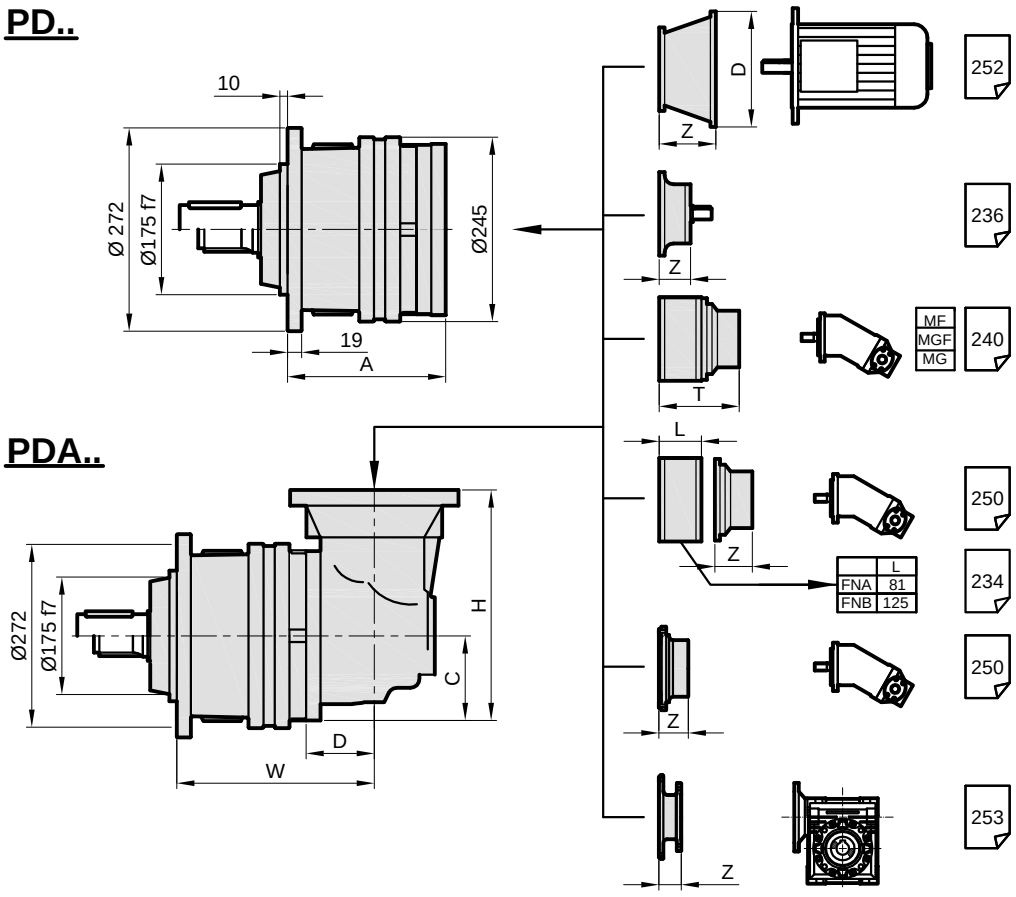


Stage	W	D	C	H	A	PD F	PDA F
S1	-	-	-	-	166	29	-
S2	241	75	93	252	214	35	47
S3	289	75	93	252	262	41	53
S4	337	75	93	252	310	47	59

	H71		H80 / 90		H100 / 112		H132		H160 / 180	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z
S1	185	32	200	60	250	71	300	104	350	120
S2	185	32	200	60	250	71	300	104	350	120
S3	185	32	200	60	-	-	300	104	350	120
S4	185	32	200	60	-	-	300	104	350	120

PD/PDA 105



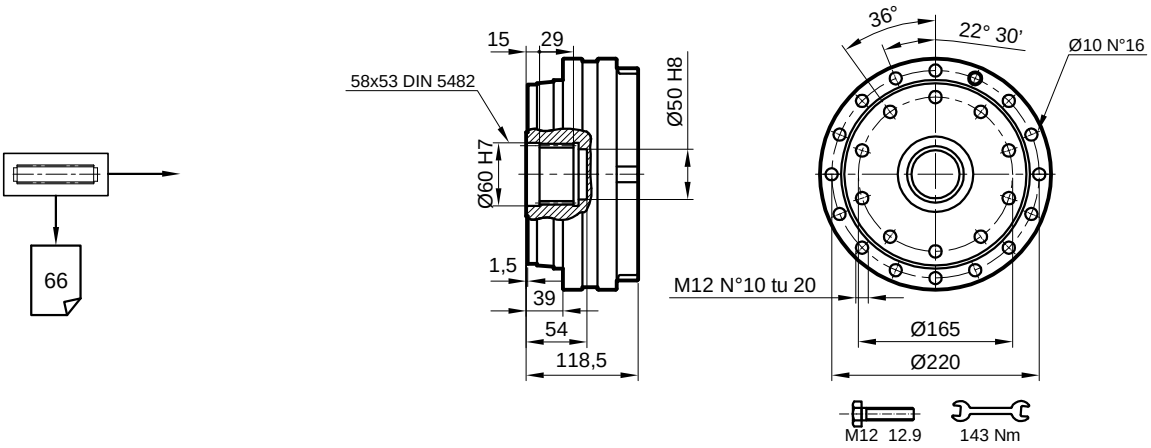


Stage	W	D	C	H	A	PD H	PDA H
S1	-	-	-	-	173	38	-
S2	248	75	93	252	221	44	56
S3	296	75	93	252	269	50	62
S4	344	75	93	252	317	56	68

	H71		H80 / 90		H100 / 112		H132		H160 / 180	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z
S1	185	32	200	60	250	71	300	104	350	120
S2	185	32	200	60	250	71	300	104	350	120
S3	185	32	200	60	-	-	300	104	350	120
S4	185	32	200	60	-	-	300	104	350	120

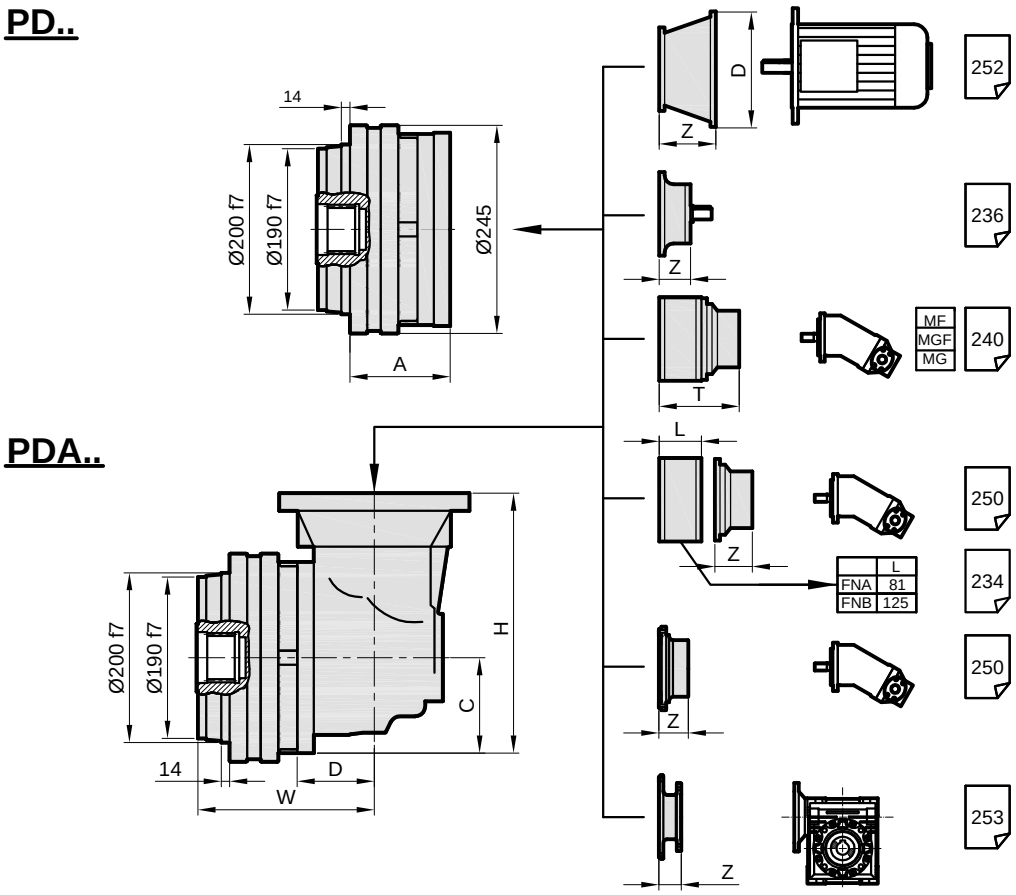
PD/PDA 105

S



PD..

PDA..

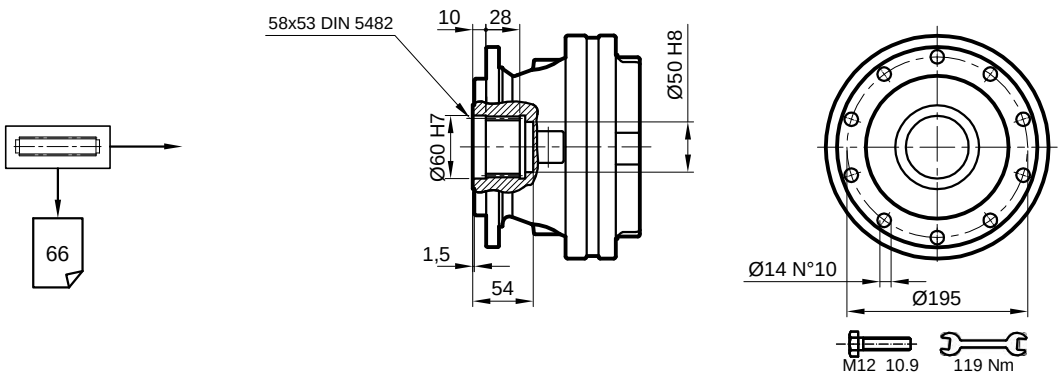


Stage	W	D	C	H	A	PD S	PDA S
S1	-	-	-	-	79.5	20	-
S2	192	75	93	252	127.5	27	35
S3	240	75	93	252	175.5	32	41
S4	288	75	93	252	223.5	38	47

	H71		H80 / 90		H100 / 112		H132		H160 / 180	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z
S1	185	32	200	60	250	71	300	104	350	120
S2	185	32	200	60	250	71	300	104	350	120
S3	185	32	200	60	-	-	300	104	350	120
S4	185	32	200	60	-	-	300	104	350	120

PD/PDA 105

SF



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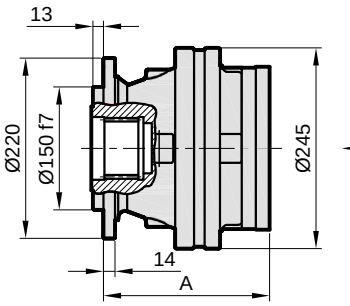
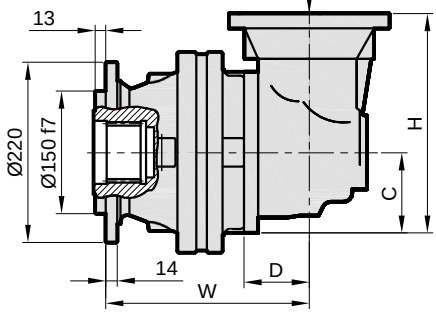
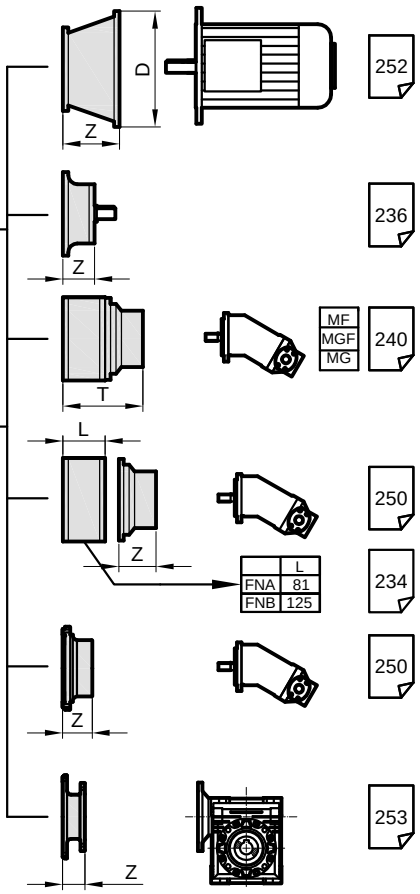


PDA..



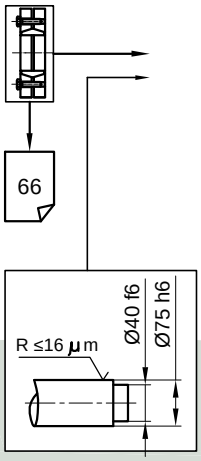


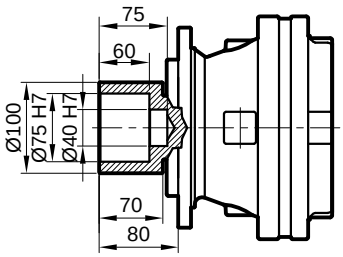
Stage	W	D	C	H	A	PD SF	PDA SF
S1	-	-	-	-	166	31	-
S2	241	75	93	252	214	37	49
S3	289	75	93	252	262	43	55
S4	337	75	93	252	310	49	61

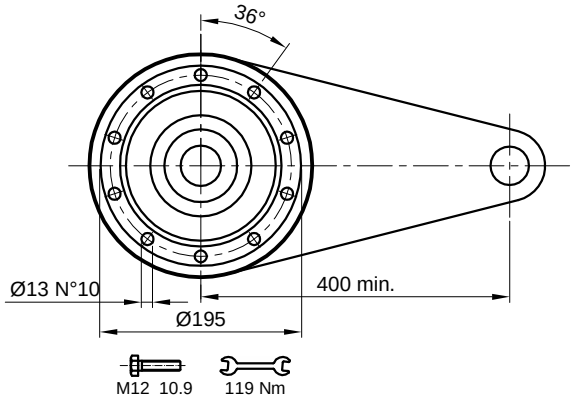
	H71		H80 / 90		H100 / 112		H132		H160 / 180	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z
S1	185	32	200	60	250	71	300	104	350	120
S2	185	32	200	60	250	71	300	104	350	120
S3	185	32	200	60	-	-	300	104	350	120
S4	185	32	200	60	-	-	300	104	350	120

PD/PDA 105

SDF



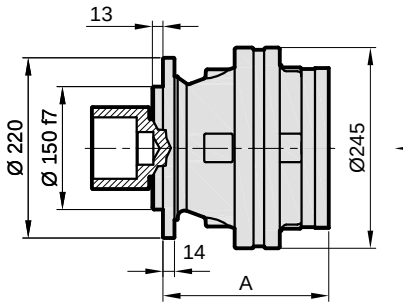




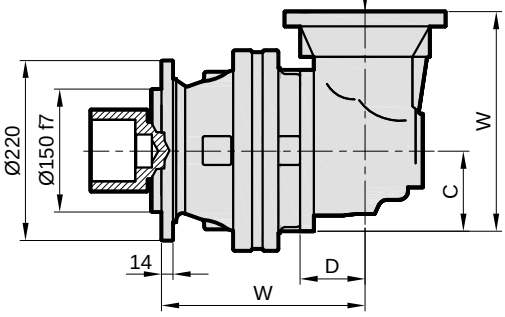
M_{max} = 7.5 kNm

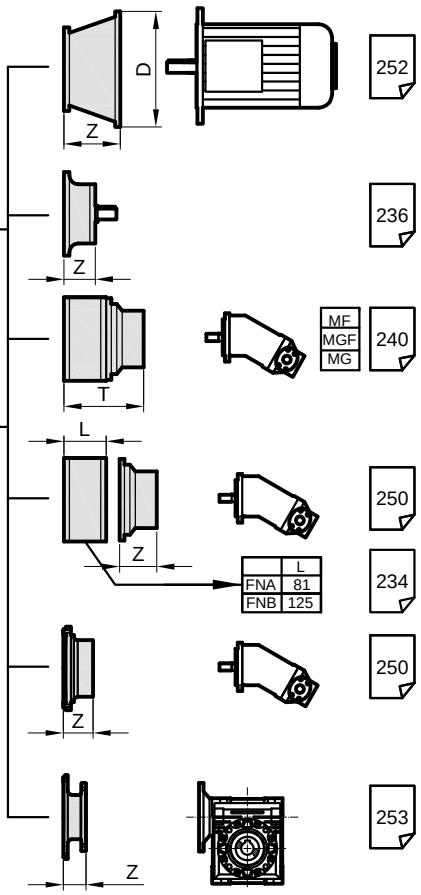
Belirtilen maksimum tork sadece PDS tarafından verilen sıkma bileziği ile mümkündür.
The maximum torque indicated is valid only with shrink discs supplied by PDS.
Das dargestellte , maximale Drehmoment gilt nur mit von PDS.

PD..



PDA..



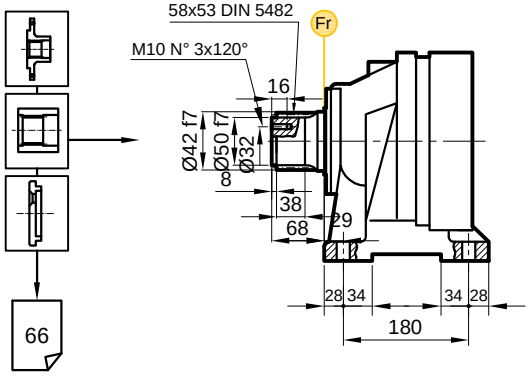


Stage	W	D	C	H	A	PD SDF	PDA SDF
S1	-	-	-	-	166	31	–
S2	241	75	93	252	214	37	49
S3	289	75	93	252	262	43	55
S4	337	75	93	252	310	46	61

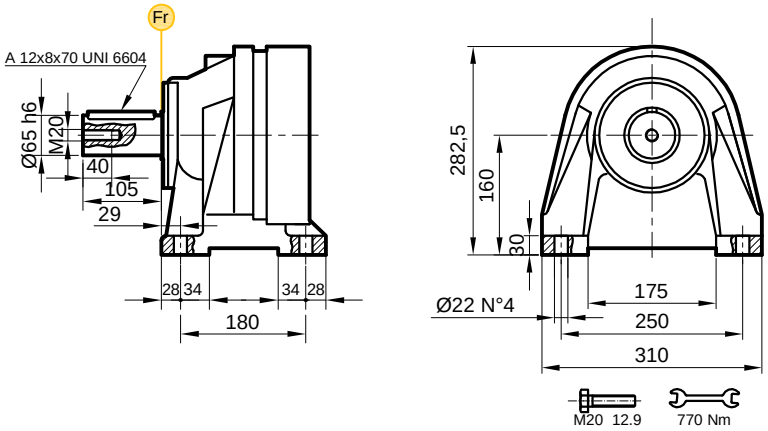
	H71		H80 / 90		H100 / 112		H132		H160 / 180	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z
S1	185	32	200	60	250	71	300	104	350	120
S2	185	32	200	60	250	71	300	104	350	120
S3	185	32	200	60	-	-	300	104	350	120
S4	185	32	200	60	-	-	300	104	350	120

PD/PDA 105

FVS



FVC



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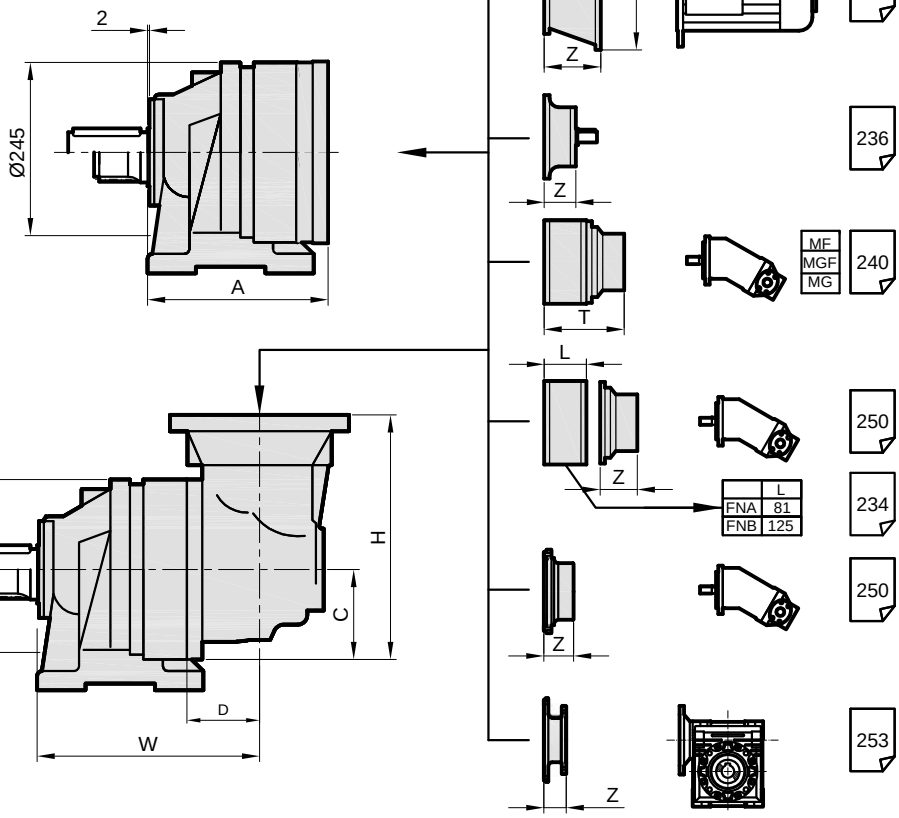

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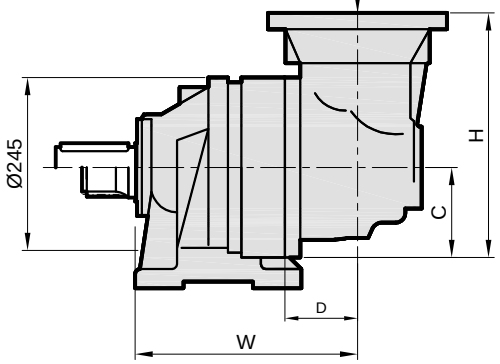
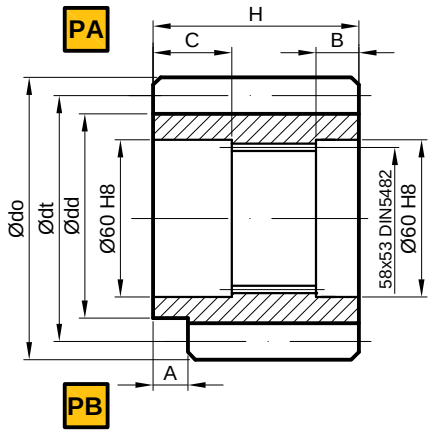


Stage	W	D	C	H	A	PD FVC	PDA FVC
S1	-	-	-	-	212,5	42	-
S2	287,5	75	93	252	260,5	48	60
S3	335,5	75	93	252	308,5	54	66
S4	383,5	75	93	252	356,5	60	72

	H71		H80 / 90		H100 / 112		H132		H160 / 180	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z
S1	185	32	200	60	250	71	300	104	350	120
S2	185	32	200	60	250	71	300	104	350	120
S3	185	32	200	60	-	-	300	104	350	120
S4	185	32	200	60	-	-	300	104	350	120

PD/PDA 105

P *Pinyon / Pinion / Ritzel*



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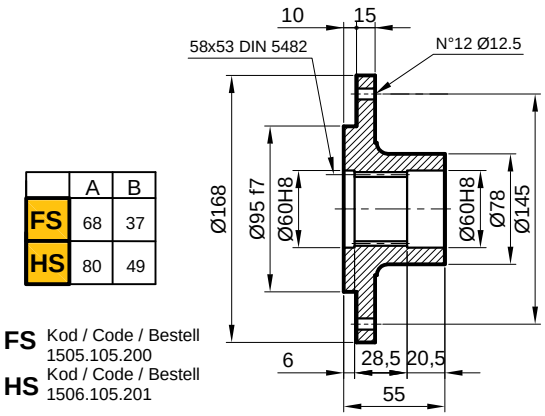
PA	8	13	0	88	104	120	68	0	8.5	22.5	18NiCrMo5	1501.105.001
PA	8	11	0.85	74.8	88	110.8	68	0	8.5	22.5	38NiCrMo4	1501.105.002
PA	8	12	0.1	88	96	112.8	68	0	8	21	38NiCrMo4	1501.105.003
PB	10	14	0.24	117.4	140	162.4	116	13	9.5	22.5	18NiCrMo4	1502.105.001
PA	8	15	0	100	120	136	68	0	8.5	22.5	38NiCrMo4	1501.105.004
PA	6	14	0.6	72.6	84	99.6	95	0	23	21	38NiCrMo4	1501.105.005
PA	10	11	1.21	97.1	110	142.1	90	0	8	22.5	38NiCrMo5	1501.105.006

FL Flanş / *Flange* / Flansch

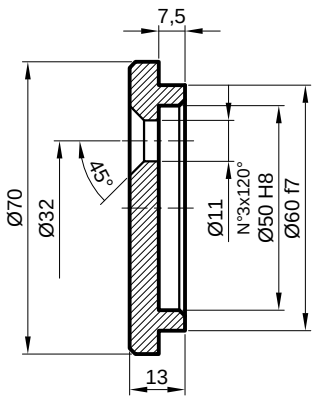


	A	B
FS	68	37
HS	80	49

FS Kod / Code / Bestell 1505.105.200

HS Kod / Code / Bestell 1506.105.201

SP Sabitleme Pulu / *Stop bottom plate* / Endscheibe

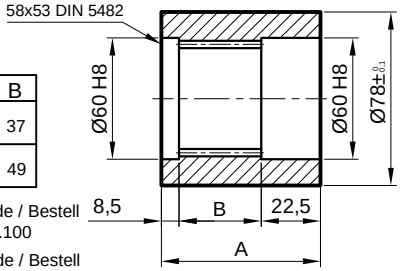


Kod / Code / Bestell
1507.105.250

FK Frezeli Kaplin / *Spined bushing* Innenverzahnte Buchse

Malzeme /*Material* Material
UNI C40
SAE 1040
DIN Ck40

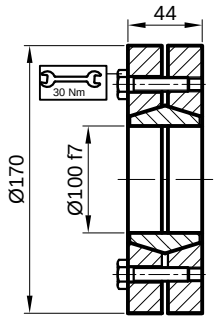
	A	B
FS	68	37
HS	80	49



FS Kod / Code / Bestell 1503.105.100

HS Kod / Code / Bestell 1504.105.101

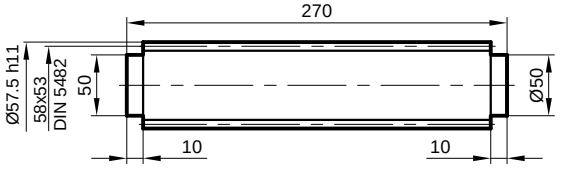
SB Sıkma Bileziği / Shrink disc Schrumpfscheibe



Maksimum tork
Max. torque
Max.Drehmoment
7,5 kNm

Kod / Code / Bestell
2501.105.001

FM Frezeli Mil / Splined rod Außenverzahnte Welle



Malzeme / Material
Material
UNI 39NiCrMo3
Sertleştirilmiş ve Temperlenmiş
Hardened and Tempered
Vergütet

Kod / Code / Bestell
1509.105.260

PD/PDA 105

RADYAL YÜK(Fr)

Aşağıdaki diyagramlar radyal yükleri ve k faktörlerini arzu edilen n_2x h değerlerinde verir.

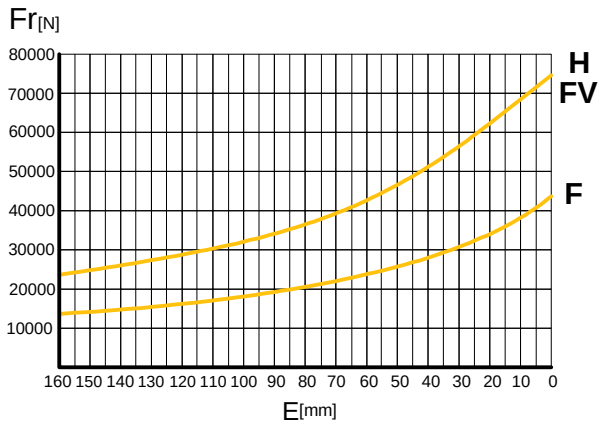
RADIAL LOADS(Fr)

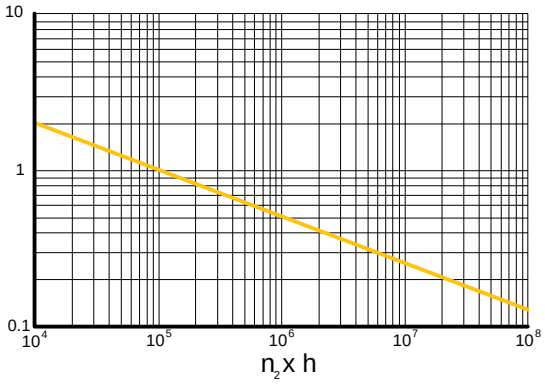
The following curves show the radial loads and the K factors to obtain the required n_2x h value.

RADIALLAST (Fr)

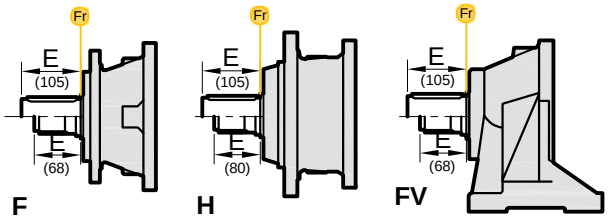
In den nachstehenden Diagrammen ist die Radiallast und der Koeffizient K dargestellt und kann mit dem gewünschten Wert n_2x h verglichen werden.

F-H-FV





	nxh				
	10^5	10^4	10^6	10^7	10^8
F-H	Fr	Fr . K			
FV	Fr .0,75	Fr . K . 0,75			



AKSİYEL YÜKLER (Fa)

Tablodaki aksiyel yük değerleri çıkış tipi ve tatbik edilen yük yönünde verilmiştir.

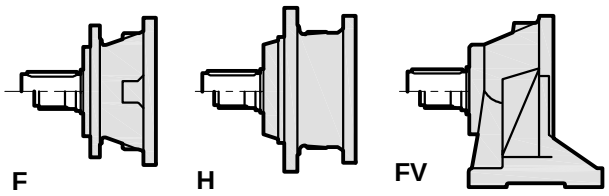
AXIAL LOADS (Fa)

The values of the awial loads in the table refer to the output versions and load directions of application.

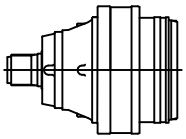
AXIALLAST (Fa)

Die dargestellten Werte der Axiallast basieren auf der Version und der applizierten Lastrichtung.

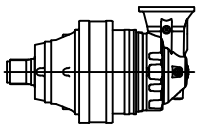
Fa [N]	F	H-FV	
	32000	32000	←
	32000	48000	→



PD 107

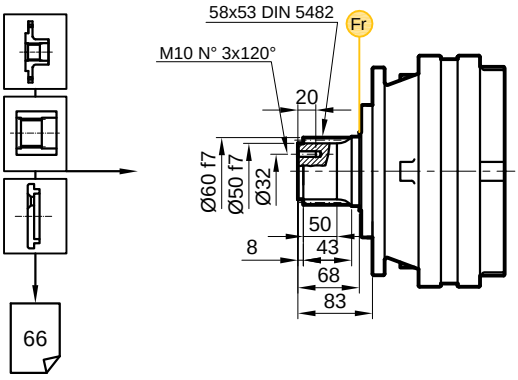
	i	T_2 [Nm] $n_2$xh				n_{1max} [min^{-1}]	T_{2max} [Nm]	P_t [kW]
		10 000	20 000	50 000	100 000			
PD 107 S1	3.77	5770	5110	4350	3850	2800	10220	20
	4.12	5260	4660	3970	3510	2800	9320	20
	5.16	4300	3810	3240	2870	2800	7620	20
	6.00	3770	3340	2840	2520	2800	6680	20
	7.25	2950	2610	2220	1970	2800	5220	20
PD 107 S2	13.4	5770	5110	4350	3850	2800	10220	15
	16.1	5770	5110	4350	3850	2800	10220	15
	18.3	4300	3810	3240	2870	2800	7620	15
	23.1	5260	4660	3970	3510	2800	9320	15
	28.9	4300	3810	3240	2870	2800	7620	15
	34.8	4300	3810	3240	2870	2800	7620	15
	40.5	3770	3340	2840	2520	2800	6680	15
	48.9	2950	2610	2220	1970	2800	5220	15
PD 107 S3	52.1	5260	4660	3970	3510	2800	9320	10
	57.5	5770	5110	4350	3850	2800	10220	10
	62.8	5260	4660	3970	3510	2800	9320	10
	75.2	5770	5110	4350	3850	2800	10220	10
	82.1	5260	4660	3970	3510	2800	9320	10
	90.6	5770	5110	4350	3850	2800	10220	10
	98.9	5260	4660	3970	3510	2800	9320	10
	119.3	5260	4660	3970	3510	2800	9320	10
	129.3	5260	4660	3970	3510	2800	9320	10
	149.4	4300	3810	3240	2870	2800	7620	10
	155.9	5260	4660	3970	3510	2800	9320	10
	162.0	4300	3810	3240	2870	2800	7620	10
	173.5	3770	3340	2840	2520	2800	6680	10
	195.2	4300	3810	3240	2870	2800	7620	10
	235.4	4300	3810	3240	2870	2800	7620	10
	273.3	3770	3340	2840	2520	2800	6680	10
	302.2	4300	3810	3240	2870	2800	7620	10
	330.3	2950	2610	2220	1970	2800	5220	10
PD 107 S4	351.9	5260	4660	3970	3510	2800	9320	6
	365.7	4300	3810	3240	2870	2800	7620	6
	388.5	5770	5110	4350	3850	2800	10220	6
	413.8	5770	5110	4350	3850	2800	10220	6
	424.2	5260	4660	3970	3510	2800	9320	6
	468.3	5770	5110	4350	3850	2800	10220	6
	511.4	5260	4660	3970	3510	2800	9320	6
	554.3	5260	4660	3970	3510	2800	9320	6
	611.9	5770	5110	4350	3850	2800	10220	6
	668.2	5260	4660	3970	3510	2800	9320	6
	737.6	5770	5110	4350	3850	2800	10220	6
	805.4	5260	4660	3970	3510	2800	9320	6
	857.9	5260	4660	3970	3510	2800	9320	6
	907.3	4300	3810	3240	2870	2800	7620	6
	1052.4	5260	4660	3970	3510	2800	9320	6
	1121.1	5260	4660	3970	3510	2800	9320	6
	1318.2	4300	3810	3240	2870	2800	7620	6
	1588.9	4300	3810	3240	2870	2800	7620	6
	1845.2	3770	3340	2840	2520	2800	6680	6

PDA 107

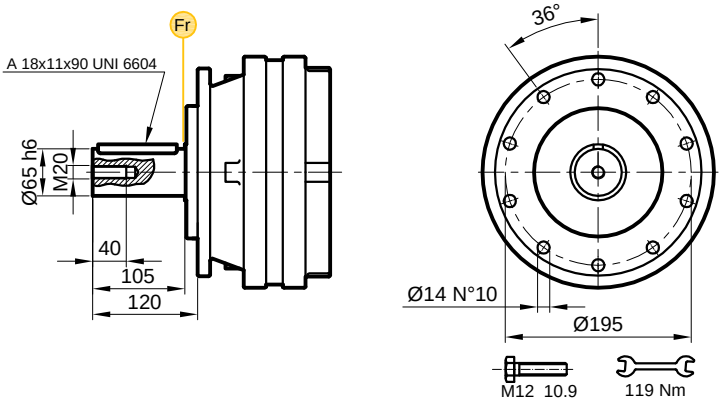
	i	T_2 [Nm]				n_{1max} [min^{-1}]	T_{2max} [Nm]	P_t [kW]
		$n_2$xh						
		10 000	20 000	50 000	100 000			
PDA 107 S2	13.0	5770	5110	4350	3850	2800	10220	15
	14.2	5260	4660	3970	3510	2800	9320	15
	17.8	4300	3810	3240	2870	2800	7620	15
	20.5	5770	5110	4350	3850	2800	10220	15
	22.4	5260	4660	3970	3510	2800	9320	15
	28.1	4300	3810	3240	2870	2800	7620	15
	32.6	3770	3340	2840	2520	2800	6680	15
	39.7	2950	2610	2220	1970	2800	5220	15
PDA 107 S3	39.3	5770	5110	4350	3850	2800	10220	10
	47.4	5770	5110	4350	3850	2800	10220	10
	53.8	4300	3810	3240	2870	2800	7620	10
	67.7	5260	4660	3970	3510	2800	9320	10
	75.4	3770	3340	2840	2520	2800	6680	10
	84.8	4300	3810	3240	2870	2800	7320	10
	91.1	2950	2610	2220	1970	2800	5220	10
	102.2	4300	3810	3240	2870	2800	7620	10
	118.7	3770	3340	2840	2520	2800	6680	10
	143.5	2950	2610	2220	1970	2800	5220	10
PDA 107 S4	140.0	5770	5110	4350	3850	2800	10220	6
	168.8	5770	5110	4350	3850	2800	10220	6
	184.3	5260	4660	3970	3510	2800	9320	6
	220.6	5770	5110	4350	3850	2800	10220	6
	240.9	5260	4660	3970	3510	2800	9320	6
	265.9	5770	5110	4350	3850	2800	10220	6
	290.3	5260	4660	3970	3510	2800	9320	6
	320.5	5770	5110	4350	3850	2800	10220	6
	350.0	5260	4660	3970	3510	2800	9320	6
	422.3	3770	3340	2840	2520	2800	6680	6
	449.4	5260	4660	3970	3510	2800	9320	6
	475.2	4300	3810	3240	2870	2800	7620	6
	509.1	3770	3340	2840	2520	2800	6680	6
	551.9	3770	3340	2840	2520	2800	6680	6
	615.2	2950	2610	2220	1970	2800	5220	6
	665.2	3770	3340	2840	2520	2800	6680	6
	735.5	4300	3810	3240	2870	2800	7620	6
	801.8	3770	3340	2840	2520	2800	6680	6
	1244.0	2950	2610	2220	1970	2800	5220	6

PD/PDA 107

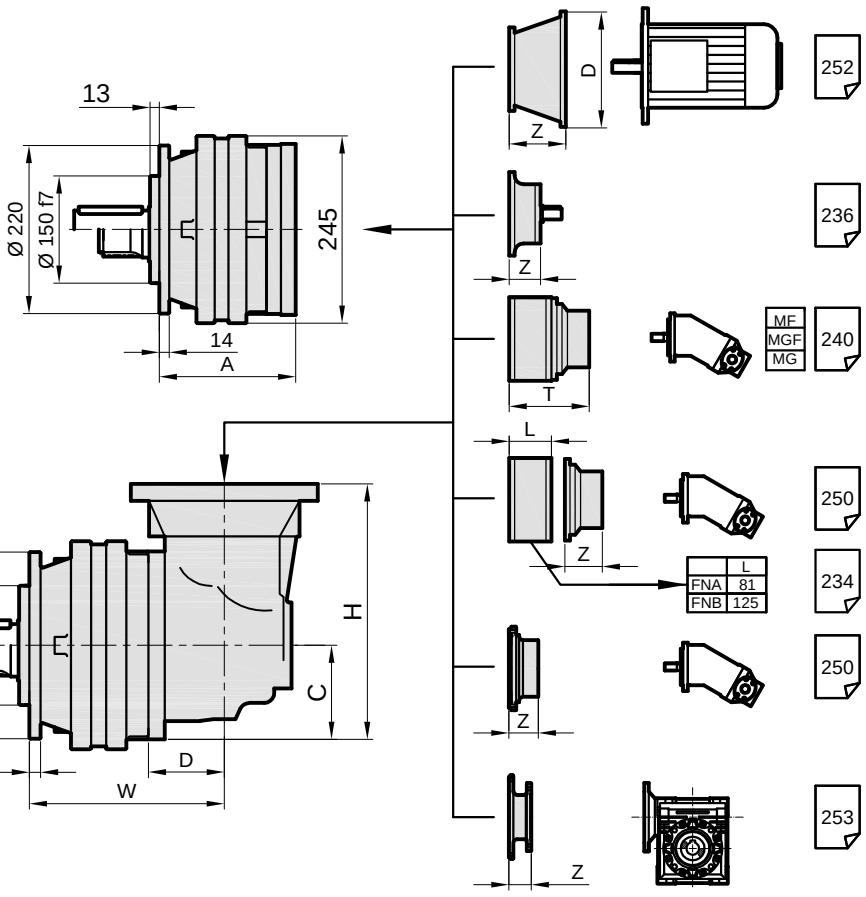
FS



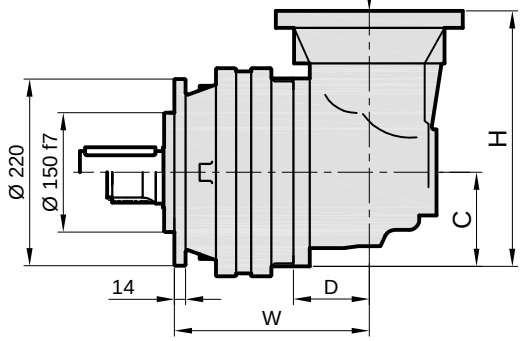
FC



PD..



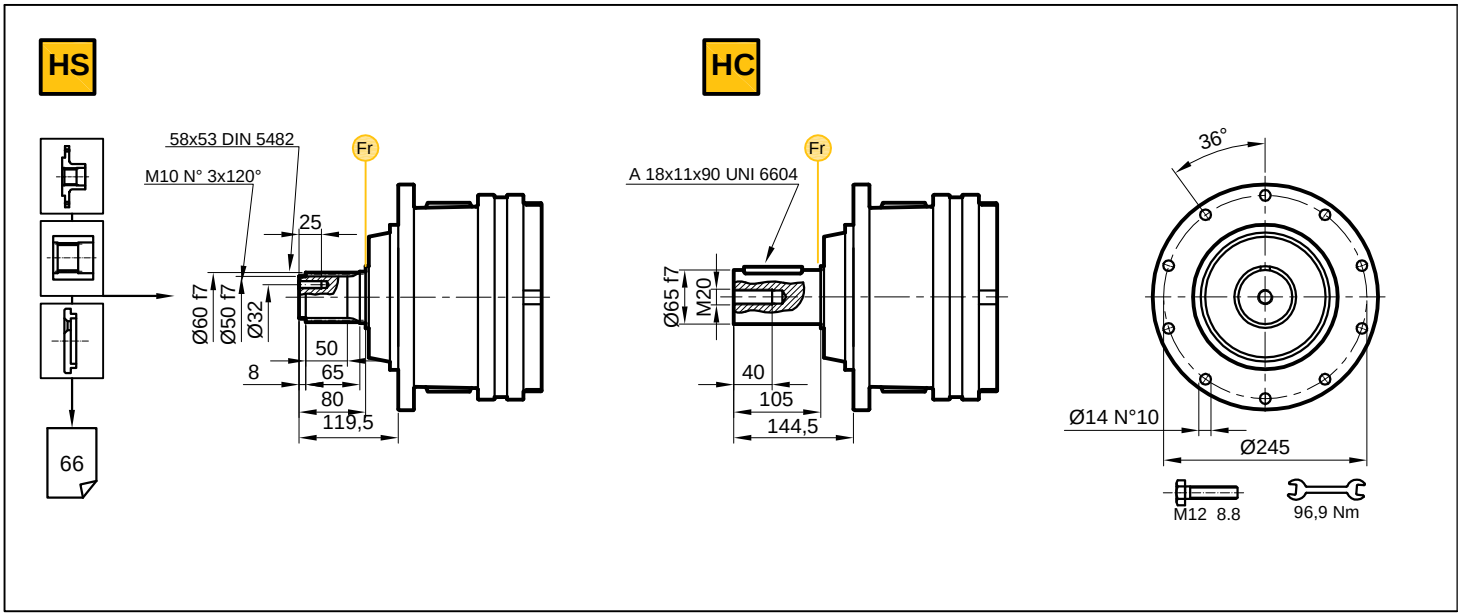
PDA..

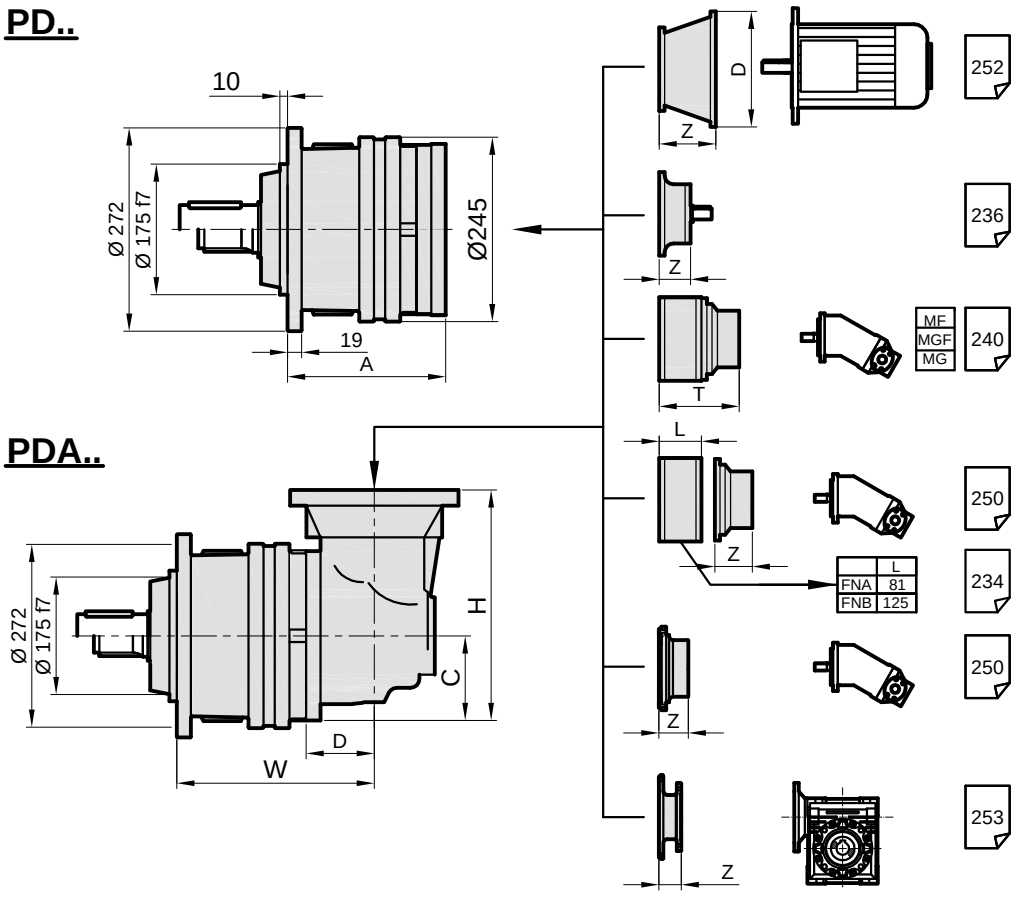


Stage	W	D	C	H	A	PD F	PDA F
S1	-	-	-	-	178	33	-
S2	279,5	88	140	380	239	41	51
S3	314	75	93	252	287	47	59
S4	362	75	93	252	335	53	65

	H71		H80 / 90		H100 / 112		H132		H160 / 180	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z
S1	185	32	200	60	250	71	300	104	350	120
S2	185	32	200	60	250	71	300	104	350	120
S3	185	32	200	60	-	-	300	104	350	120
S4	185	32	200	60	-	-	300	104	350	120

PD/PDA 107



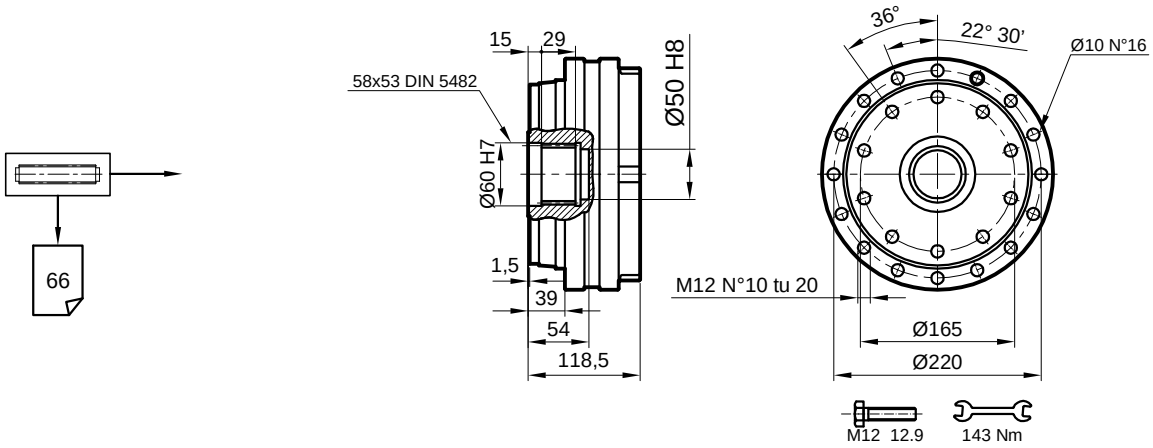


Stage	W	D	C	H	A	PD H	PDA H
S1	-	-	-	-	185	42	-
S2	286,5	88	140	380	246	50	60
S3	321	75	93	252	294	56	68
S4	369	75	93	252	342	62	74

	H71		H80 / 90		H100 / 112		H132		H160 / 180	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z
S1	185	32	200	60	250	71	300	104	350	120
S2	185	32	200	60	250	71	300	104	350	120
S3	185	32	200	60	-	-	300	104	350	120
S4	185	32	200	60	-	-	300	104	350	120

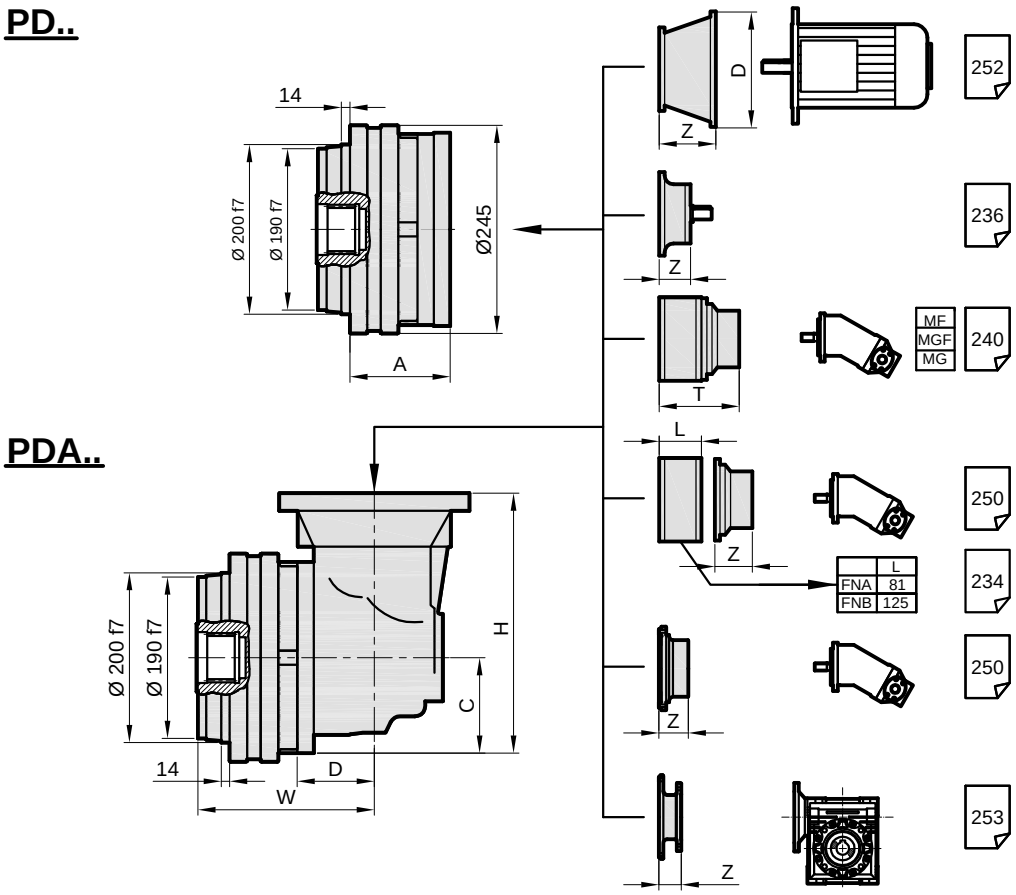
PD/PDA 107

S



PD..

PDA..

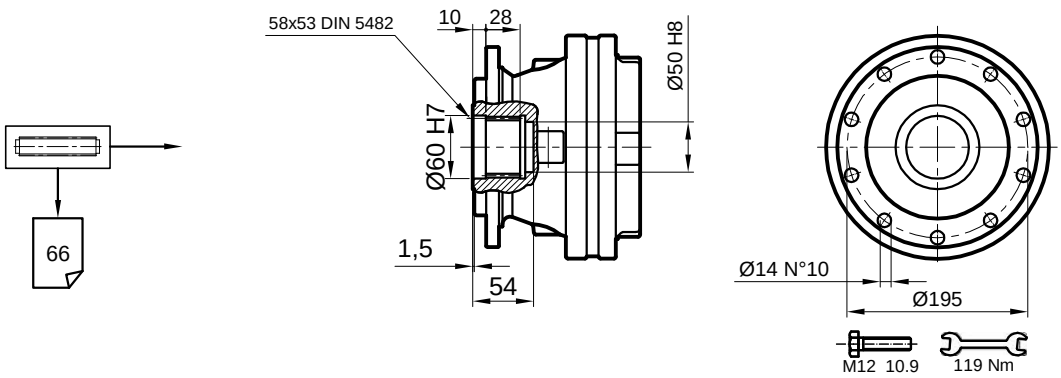


Stage	W	D	C	H	A	PD S	PDA S
S1	-	-	-	-	91.5	25	-
S2	193	88	140	380	152.5	32	43
S3	227,5	75	93	252	200.5	38	50
S4	275,5	75	93	252	248.5	44	56

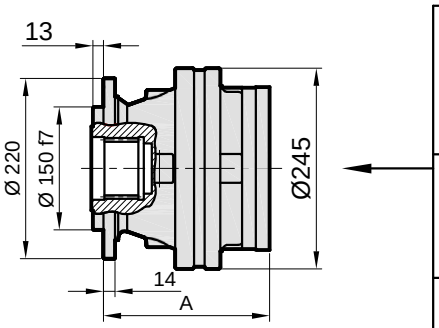
	H71		H80 / 90		H100 / 112		H132		H160 / 180	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z
S1	185	32	200	60	250	71	300	104	350	120
S2	185	32	200	60	250	71	300	104	350	120
S3	185	32	200	60	-	-	300	104	350	120
S4	185	32	200	60	-	-	300	104	350	120

PD/PDA 107

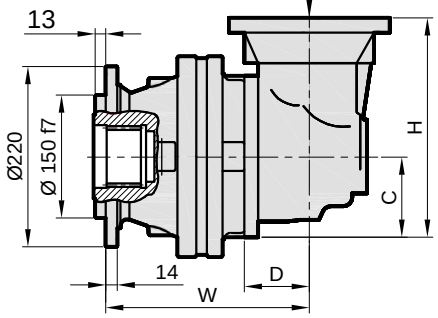
SF

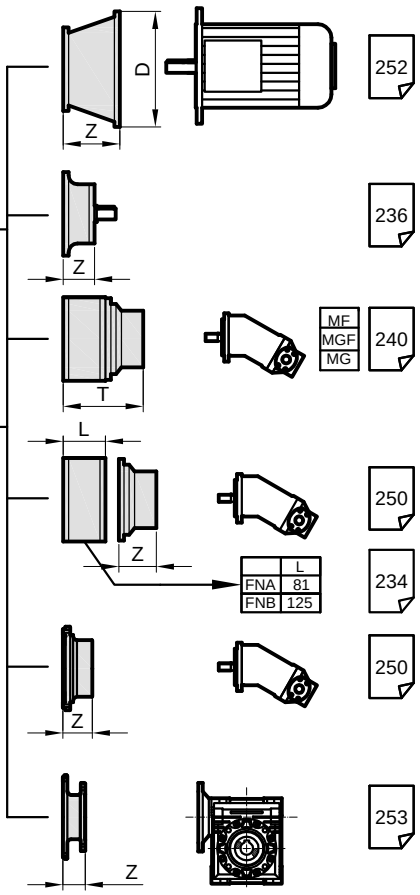


PD..



PDA..



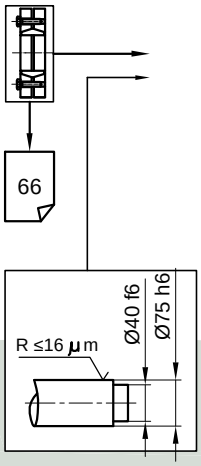


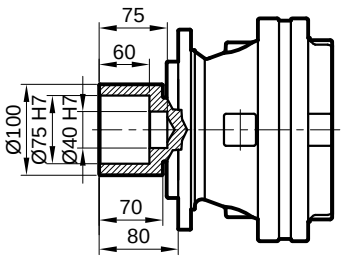
Stage	W	D	C	H	A	PD / SF	PDA / SF
S1	-	-	-	-	178	35	-
S2	279,5	88	140	380	239,5	43	53
S3	314	75	93	252	287	49	61
S4	362	75	93	252	335	55	67

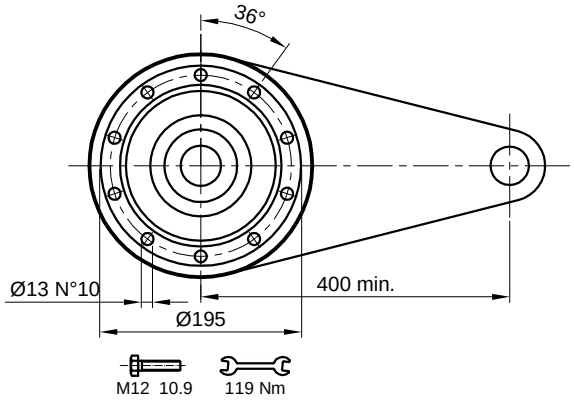
	H71		H80 / 90		H100 / 112		H132		H160 / 180	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z
S1	185	32	200	60	250	71	300	104	350	120
S2	185	32	200	60	250	71	300	104	350	120
S3	185	32	200	60	-	-	300	104	350	120
S4	185	32	200	60	-	-	300	104	350	120

PD/PDA 107

SDF



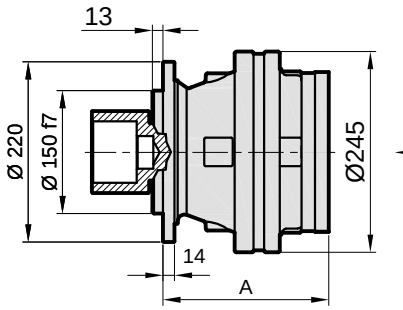




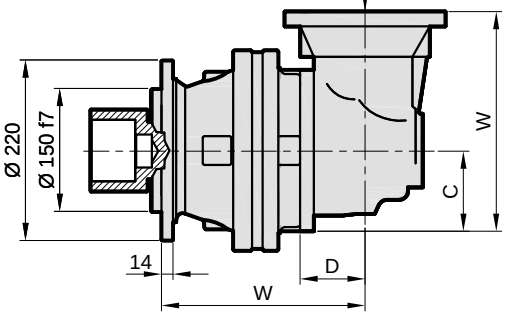
M_{max} = 7.5 kNm

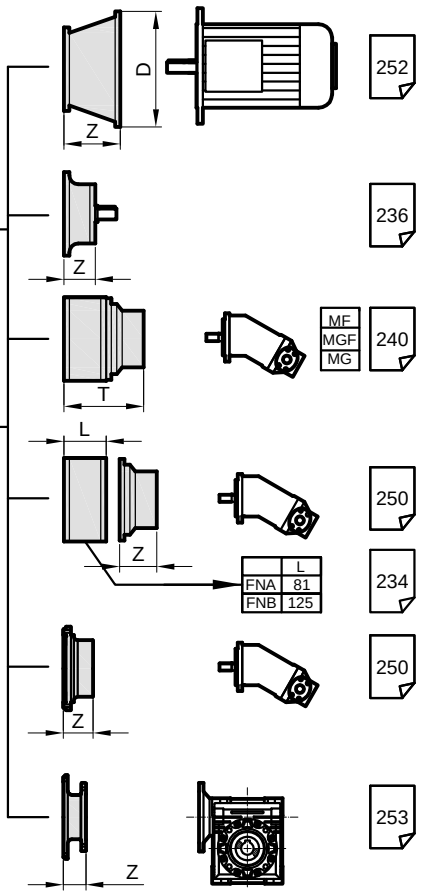
Belirtilen maksimum tork sadece PDS tarafından verilen sıkma bileziği ile mümkündür.
The maximum torque indicated is valid only with shrink discs supplied by PDS.
Das dargestellte , maximale Drehmoment gilt nur mit von PDS.

PD..



PDA..



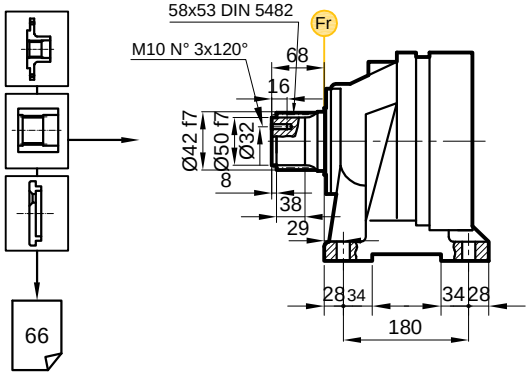


Stage	W	D	C	H	A	PD / SDF	PDA / SDF
S1	-	-	-	-	178	35	–
S2	279,5	88	140	380	239,5	45	53
S3	314	75	93	252	287	49	61
S4	362	75	93	252	335	55	67

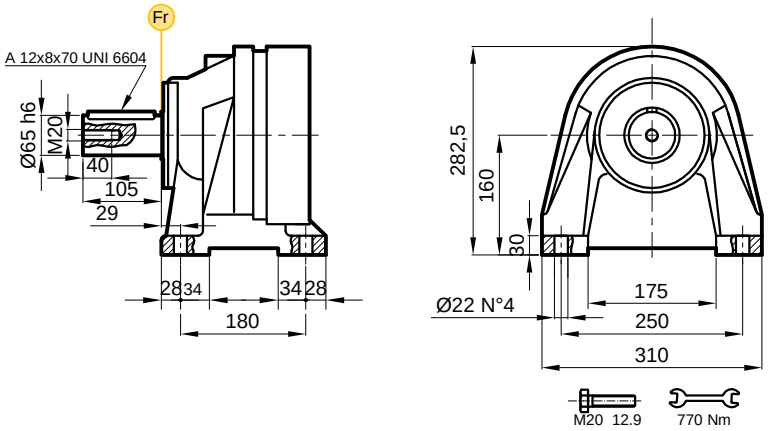
	H71		H80 / 90		H100 / 112		H132		H160 / 180	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z
S1	185	32	200	60	250	71	300	104	350	120
S2	185	32	200	60	250	71	300	104	350	120
S3	185	32	200	60	-	-	300	104	350	120
S4	185	32	200	60	-	-	300	104	350	120

PD/PDA 107

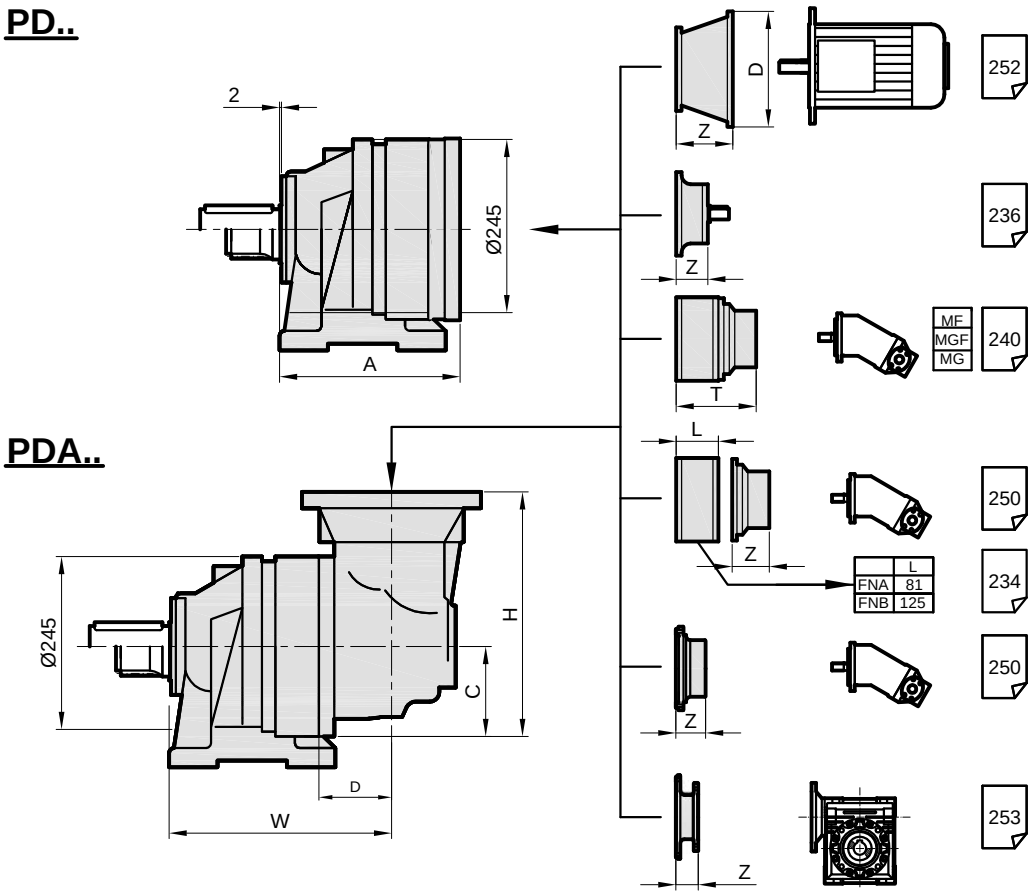
FVS



FVC



PD..



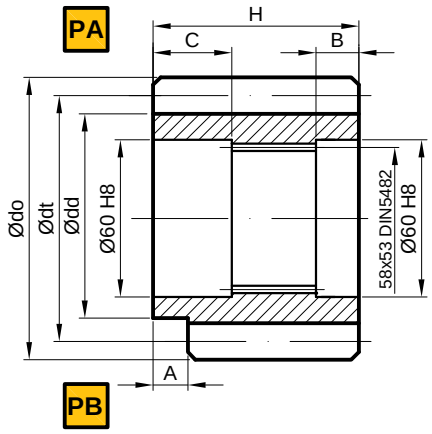
PDA..

Stage	W	D	C	H	A	PD / FVC	PDA / FVC
S1	-	-	-	-	224,5	46	-
S2	326	88	140	380	285,5	54	64
S3	360,5	75	93	252	333,5	60	72
S4	408,5	75	93	252	381,5	66	78

	H71		H80 / 90		H100 / 112		H132		H160 / 180	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z
S1	185	32	200	60	250	71	300	104	350	120
S2	185	32	200	60	250	71	300	104	350	120
S3	185	32	200	60	-	-	300	104	350	120
S4	185	32	200	60	-	-	300	104	350	120

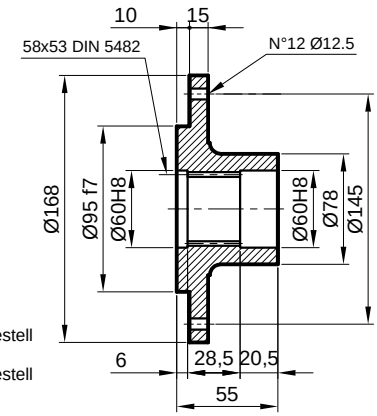
PD/PDA 107

P *Pinyon / Pinion / Ritzel*



	m	z	x	dd	dt	do	H	A	B	C	Malzeme *Material* Material	Kod / Code Bestell
PA	8	13	0	88	104	120	68	0	8.5	22.5	18NiCrMo5	1501.105.001
PA	8	11	0.85	74.8	88	110.8	68	0	8.5	22.5	38NiCrMo4	1501.105.002
PA	8	12	0.1	88	96	112.8	68	0	8	21	38NiCrMo4	1501.105.003
PB	10	14	0.24	117.4	140	162.4	116	13	9.5	22.5	18NiCrMo4	1502.105.001
PA	8	15	0	100	120	136	68	0	8.5	22.5	38NiCrMo4	1501.105.004
PA	6	14	0.6	72.6	84	99.6	95	0	23	21	38NiCrMo4	1501.105.005
PA	10	11	1.21	97.1	110	142.1	90	0	8	22.5	38NiCrMo5	1501.105.006

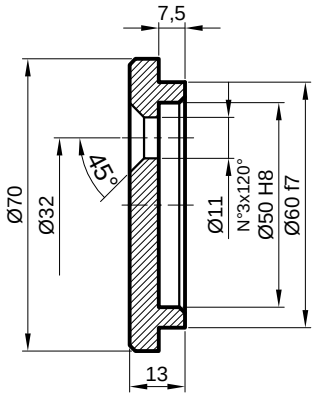
FL Flanş / *Flange* / Flansch



	A	B
FS	68	37
HS	80	49

FS Kod / Code / Bestell 1505.105.200
HS Kod / Code / Bestell 1506.105.201

SP Sabitleme Pulu / *Stop bottom plate* / Endscheibe

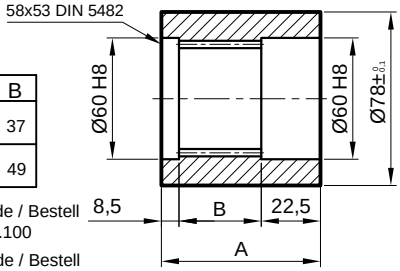


Kod / Code / Bestell
1507.105.250

FK Frezeli Kaplin / *Spined bushing* Innenverzahnte Buchse

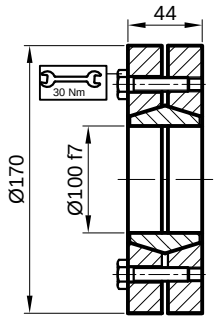
Malzeme /*Material* Material
UNI C40
SAE 1040
DIN Ck40

	A	B
FS	68	37
HS	80	49



FS Kod / Code / Bestell 1503.105.100
HS Kod / Code / Bestell 1504.105.101

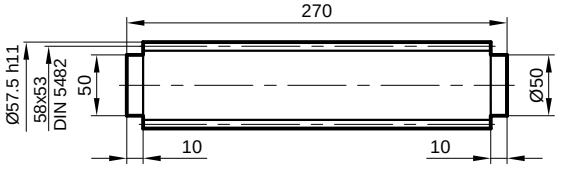
SB Sıkma Bileziği / Shrink disc Schrumpfscheibe



Maksimum tork
Max. torque
Max.Drehmoment
7,5 kNm

Kod / Code / Bestell
2501.105.001

FM Frezeli Mil / Splined rod Außenverzahnte Welle



Malzeme / Material
Material
UNI 39NiCrMo3
Sertleştirilmiş ve Temperlenmiş
Hardened and Tempered
Vergütet

Kod / Code / Bestell
1509.105.260

PD/PDA 107

RADYAL YÜK(Fr)

Aşağıdaki diyagramlar radyal yükleri ve k faktörlerini arzu edilen n_2x h değerlerinde verir.

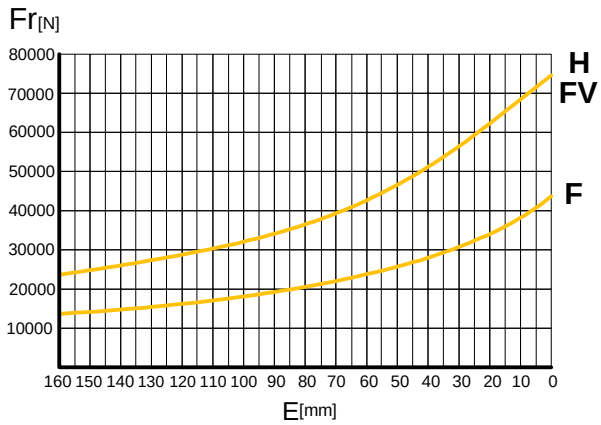
RADIAL LOADS(Fr)

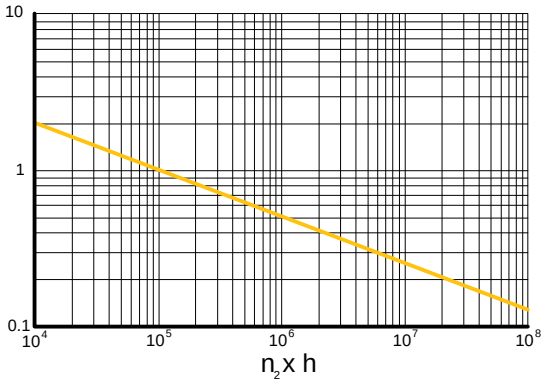
The following curves show the radial loads and the K factors to obtain the required n_2x h value.

RADIALLAST (Fr)

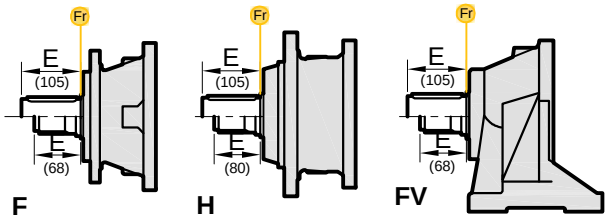
In den nachstehenden Diagrammen ist die Radiallast und der Koeffizient K dargestellt und kann mit dem gewünschten Wert n_2x h verglichen werden.

F-H-FV





	nxh				
	10^5	10^4	10^6	10^7	10^8
F-H	Fr	Fr . K			
FV	Fr .0,75	Fr . K . 0,75			



AKSİYEL YÜKLER (Fa)

Tablodaki aksiyel yük değerleri çıkış tipi ve tatbik edilen yük yönünde verilmiştir.

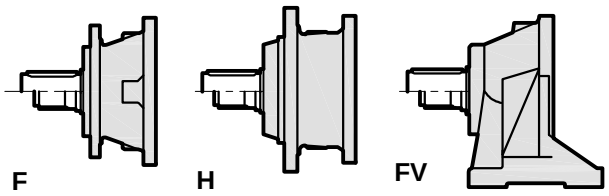
AXIAL LOADS (Fa)

The values of the awial loads in the table refer to the output versions and load directions of application.

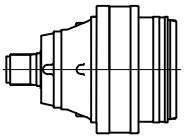
AXIALLAST (Fa)

Die dargestellten Werte der Axiallast basieren auf der Version und der applizierten Lastrichtung.

Fa [N]	F	H-FV	
	32000	32000	←
	32000	48000	→

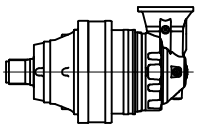


PD 109

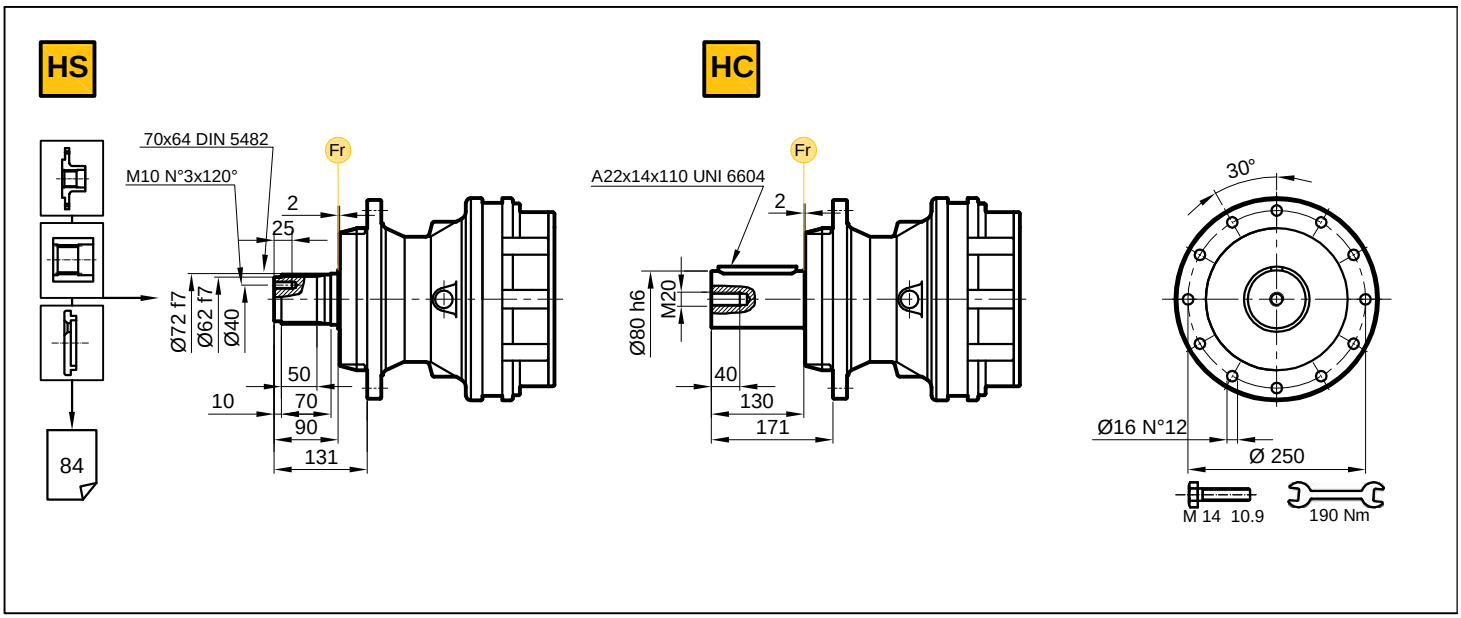


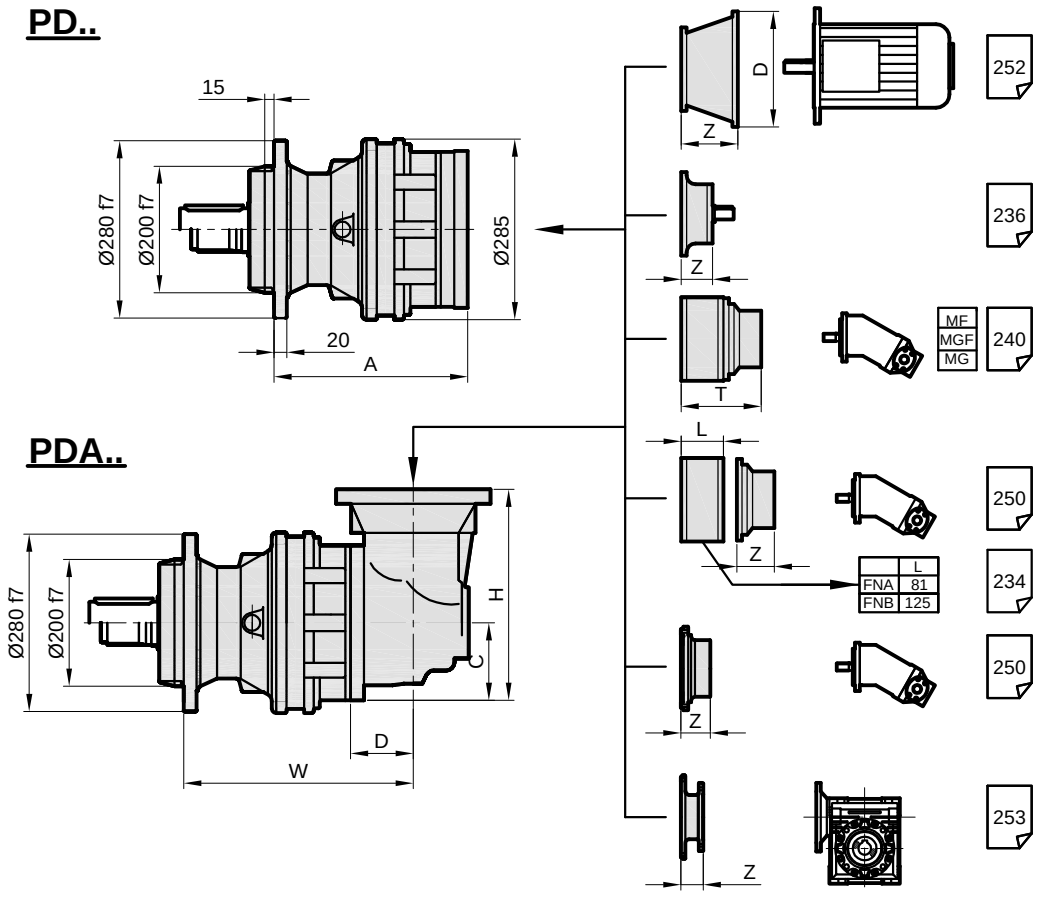
	i	T_2 [Nm] $n_2$xh				n_{1max} [min^{-1}]	T_{2max} [Nm]	P_t [kW]
		10 000	20 000	50 000	100 000			
PD 109 S1	3.66	7930	7020	5970	5290	2800	14040	30
	4.42	7240	6410	5450	4830	2800	12820	30
	5.00	6360	5630	4790	4240	2800	11260	30
	5.80	5380	4760	4050	3590	2800	9520	30
	7.00	4350	3850	3280	2900	2800	7700	30
PD 109 S2	13.8	7930	7020	5970	5290	2800	14020	18
	18.2	7240	6410	5450	4830	2800	12820	18
	20.6	6360	5630	4790	4240	2800	11260	18
	22.8	7240	6410	5450	4830	2800	12820	18
	26.5	7240	6410	5450	4830	2800	12820	18
	30.0	6360	5630	4790	4240	2800	11260	18
	36.2	6360	5630	4790	4240	2800	11260	18
	42.0	5380	4760	4050	3590	2800	9520	18
	50.7	4350	3850	3280	2900	2800	7700	18
PD 109 S3	53.7	7930	7020	5970	5290	2800	14040	14
	64.8	7930	7020	5970	5290	2800	14040	14
	71.6	7240	6410	5450	4830	2800	12820	14
	78.2	7240	6410	5450	4830	2800	12820	14
	88.3	6360	5630	4790	4240	2800	11260	14
	93.6	7240	6410	5450	4830	2800	12820	14
	102.1	7930	7020	5970	5290	2800	14040	14
	112.9	7240	6410	5450	4830	2800	12820	14
	127.8	7930	7020	5970	5290	2800	14040	14
	139.2	6360	5630	4790	4240	2800	11260	14
	148.7	7240	6410	5450	4830	2800	12820	14
	155.3	6360	5630	4790	4240	2800	11260	14
	174.3	6360	5630	4790	4240	2800	11260	14
	194.8	5380	4760	4050	3590	2800	9520	14
	216.7	7240	6410	5450	4830	2800	12820	14
	244.6	6360	5630	4790	4240	2800	11260	14
	283.8	5380	4760	4050	3590	2800	9520	14
	342.5	4350	3850	3280	2900	2800	7700	14
PD 109 S4	301.1	7930	7020	5970	5290	2800	14040	8
	332.4	7930	7020	5970	5290	2800	14040	8
	347.9	7930	7020	5970	5290	2800	14040	8
	400.6	7930	7020	5970	5290	2800	14400	8
	434.3	7930	7020	5970	5290	2800	14400	8
	474.3	7930	7020	5970	5290	2800	14400	8
	523.5	7930	7020	5970	5290	2800	14400	8
	571.7	7930	7020	5970	5290	2800	14400	8
	632.7	7240	6410	5450	4830	2800	12820	8
	661.8	7240	6410	5450	4830	2800	12820	8
	747.3	6360	5630	4790	4240	2800	11260	8
	768.6	7240	6410	5450	4830	2800	12820	8
	832.3	7240	6410	5450	4830	2800	12820	8
	869.9	6360	5630	4790	4240	2800	11260	8
	976.4	6360	5630	4790	4240	2800	11260	8
	1048.6	6360	5630	4790	4240	2800	11260	8
	1177.0	6360	5630	4790	4240	2800	11260	8
	1366.8	6360	5630	4790	4240	2800	11260	8
	1651.4	6360	5630	4790	4240	2800	11260	8
	2968.8	4350	3850	3280	2900	2800	7700	8

PDA 109

	i	T_2[Nm] $n_2$xh				n_{1max} [min^{-1}]	T_{2max} [Nm]	P_t [kW]
		10 000	20 000	50 000	100 000			
PDA 109 S2	12.6	7930	7020	5970	5290	2800	14040	18
	15.2	7240	6410	5450	4830	2800	12820	18
	17.2	6360	5630	4790	4240	2800	11260	18
	20.0	5380	4760	4050	3590	2800	9520	18
	24.1	7240	6410	5450	4830	2800	12820	18
	27.2	6360	5630	4790	4240	2800	11260	18
	31.5	5380	4760	4050	3590	2800	9520	18
	38.1	4350	3850	3280	2900	2800	7700	18
PDA 109 S3	53.8	7240	6410	5450	4830	2800	12820	14
	55.5	7240	6410	5450	4830	2800	12820	14
	60.4	6360	5630	4790	4240	2800	11260	14
	67.1	7240	6410	5450	4830	2800	12820	14
	77.9	7240	6410	5450	4830	2800	12820	14
	87.9	6360	5630	4790	4240	2800	11260	14
	94.1	7240	6410	5450	4830	2800	12820	14
	106.3	6360	5630	4790	4240	2800	11260	14
	123.3	5380	4760	4050	3590	2800	9520	14
	148.8	4350	3850	3280	2900	2800	7700	14
PDA 109 S4	157.7	7930	7020	5970	5290	2800	14040	8
	174.1	7930	7020	5970	5290	2800	14040	8
	190.1	7930	7020	5970	5290	2800	14040	8
	210.3	7240	6410	5450	4830	2800	12820	8
	229.6	7240	6410	5450	4830	2800	12820	8
	248.4	7930	7020	5970	5290	2800	14040	8
	274.8	7240	6410	5450	4830	2800	12820	8
	300.7	7240	6410	5450	4830	2800	12820	8
	331.2	7240	6410	5450	4830	2800	12820	8
	361.6	7240	6410	5450	4830	2800	12820	8
	393.0	5380	4760	4050	3590	2800	9520	8
	453.0	7240	6410	5450	4830	2800	12820	8
	511.4	6360	5630	4790	4240	2800	11260	8
	557.0	5380	4760	4050	3590	2800	9520	8
	593.9	6360	5630	4790	4240	2800	11260	8
	656.7	6360	5630	4790	4240	2800	11260	8
	717.7	6360	5630	4790	4240	2800	11260	8
	832.5	5380	4760	4050	3590	2800	9520	8
	921.5	6360	5630	4790	4240	2800	11260	8
	1068.9	5380	4760	4050	3590	2800	11260	8

PD/PDA 109



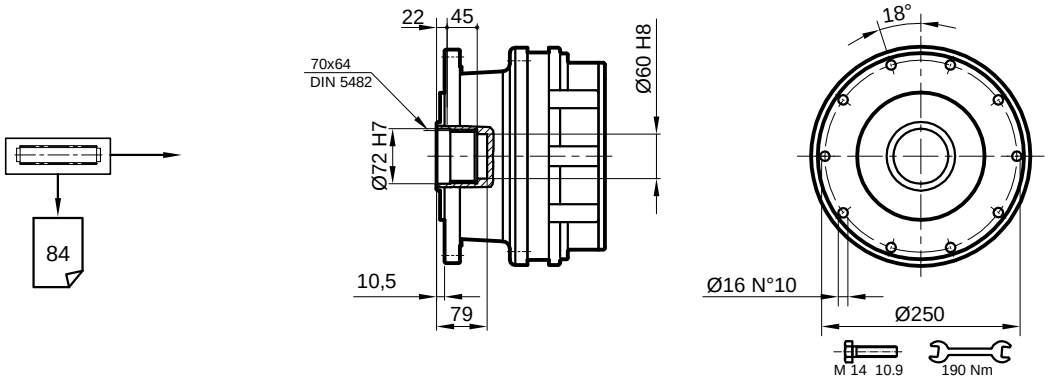


Stage	W	D	C	H	A	PD H	PDA H
S1	-	-	-	-	251	67	-
S2	339	88	140	380	310,5	79	104
S3	385,5	75	93	252	358,5	85	94
S4	433,5	75	93	252	406,5	91	100

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S1	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S2	185	32	200	60	250	71	300	104	350	120	400	148	450	148	-	-
S3	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-
S4	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-

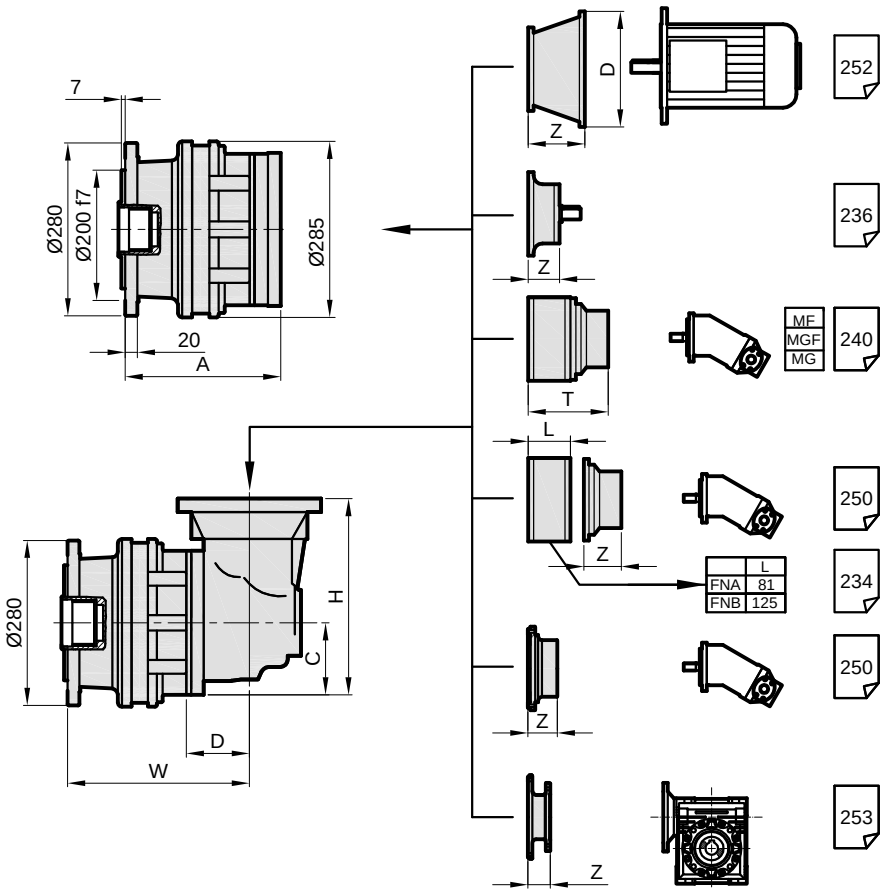
PD/PDA 109

SF



PD..

PDA..

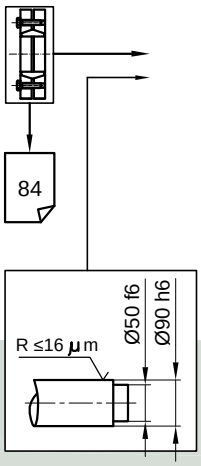


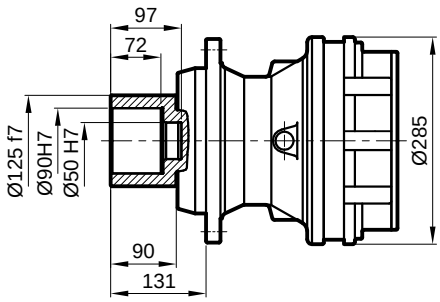
Stage	A	D	C	H	W	PD / SF	PDA / SF
S1	197,5	-	-	-	-	49	-
S2	257	88	140	380	285,5	61	86
S3	305	75	93	252	332	67	76
S4	353	75	93	252	380	73	82

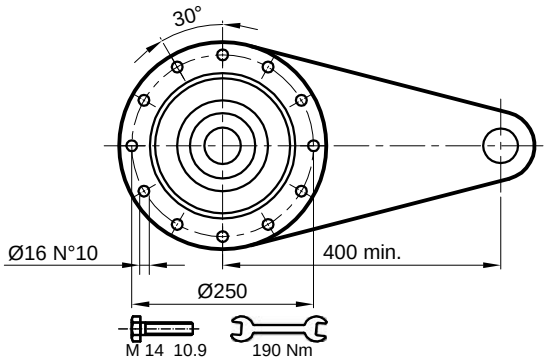
	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S1	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S2	185	32	200	60	250	71	300	104	350	120	400	148	450	148	-	-
S3	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-
S4	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-

PD/PDA 109

SDF



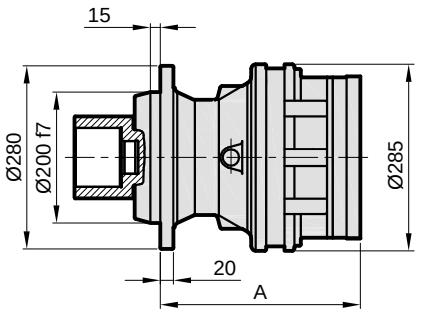




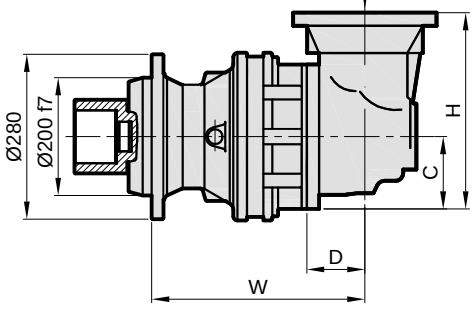
M_{max} = 13 kNm

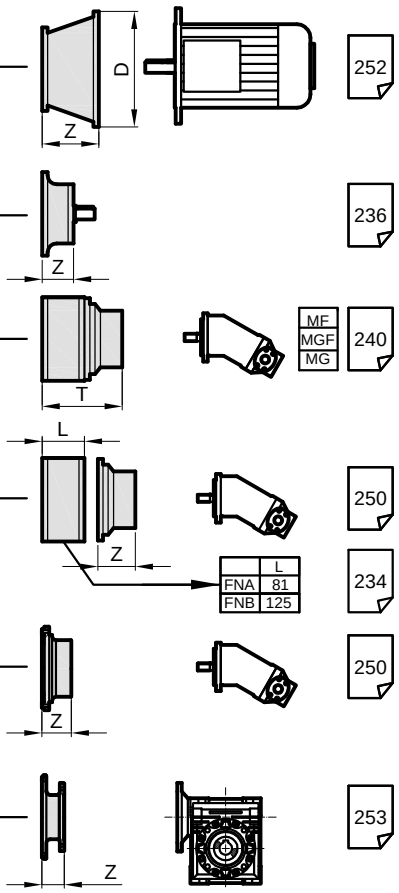
Belirtilen maksimum tork sadece PDS tarafından verilen sıkma bileziği ile mümkündür.
The maximum torque indicated is valid only with shrink discs supplied by PDS.
Das dargestellte , maximale Drehmoment gilt nur mit von PDS.

PD..



PDA..



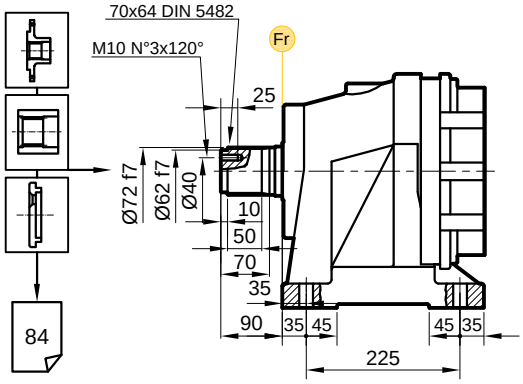


Stage	W	D	C	H	A	PD SDF	PDA SDF
S1	-	-	-	-	251	70	–
S2	339	88	140	380	310,5	82	107
S3	385,5	75	93	252	358,5	88	97
S4	433,5	75	93	252	406,5	94	103

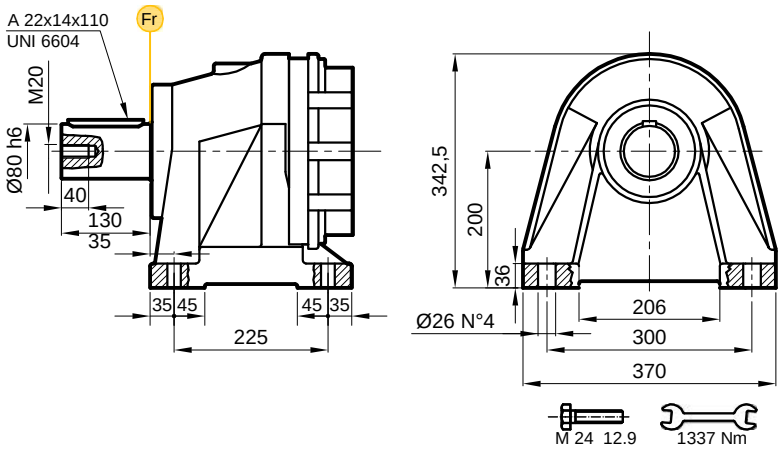
	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S1	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S2	185	32	200	60	250	71	300	104	350	120	400	148	450	148	-	-
S3	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-
S4	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-

PD/PDA 109

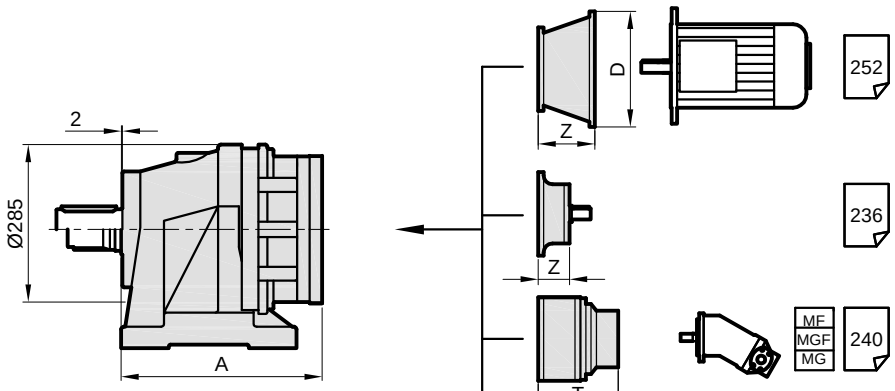
FVS



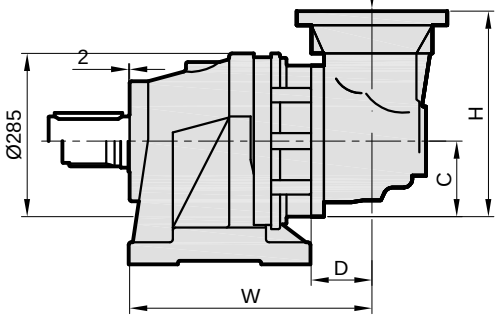
FVC



PD..



PDA..

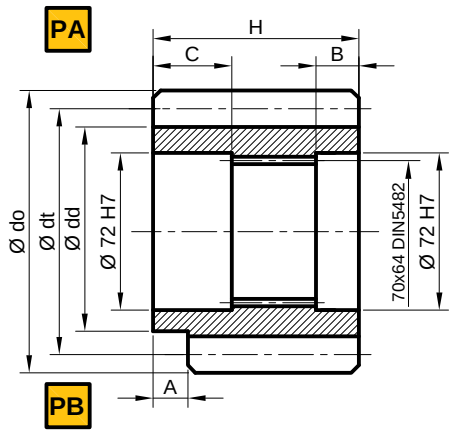


Stage	W	D	C	H	A	PD FVC	PDA FVC
S1	-	-	-	-	292	83	-
S2	380	88	140	380	351,5	95	120
S3	426,5	75	93	252	399,5	101	110
S4	474,5	75	93	252	447,5	107	116

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S1	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S2	185	32	200	60	250	71	300	104	350	120	400	148	450	148	-	-
S3	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-
S4	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-

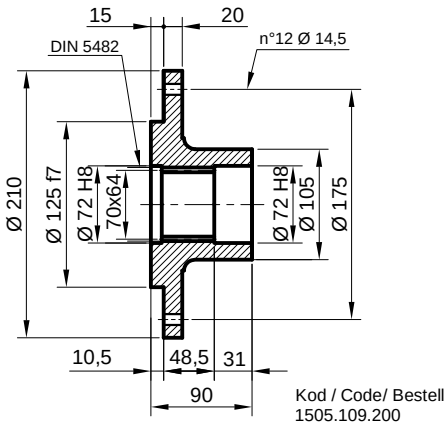
PD/PDA 109

P *Pinyon / Pinion / Ritzel*



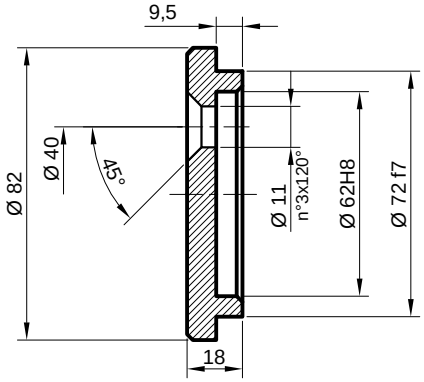
	m	z	x	dd	dt	do	H	A	B	C	Malzeme *Material* Material	Kod / Code / Bestell
PA	10	11	1,21	72,9	110	142,1	90	0	10	31	18NiCrMo5	1501.109.001
PB	10	11	1,21	72,9	110	142,1	90	9	18,5	31	18NiCrMo5	1502.109.001
PA	10	12	0	95	120	140	90	0	10	31	38NiCrMo4	1501.109.002
PA	10	13	0	95	120	155	90	0	10	30	38NiCrMo4	1501.109.003

FL Flanş / *Flange* / Flansch



Kod / Code/ Bestell
1505.109.200

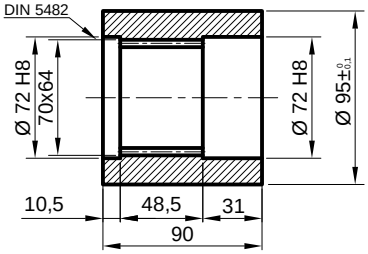
SP Sabitleme Pulu / *Stop bottom plate* / Endscheibe



Kod / Code / Bestell
1507.109.250

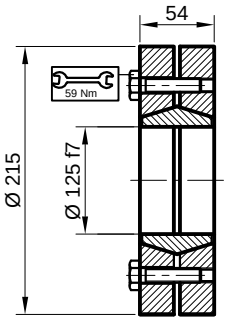
FK Frezeli Kaplin / *Spined bushing* Innenverzahnte Buchse

Malzeme /*Material* Material
UNI C40
SAE 1040
DIN Ck40



Kod / Code / Bestell
1503.109.100

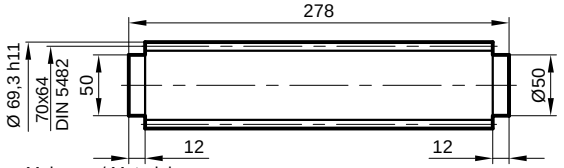
SB Sıkma Bileziği / Shrink disc Schrumpfscheibe



Maksimum tork
Max. torque
Max.Drehmoment
13 kNm

Kod / Code / Bestell
2501.109.001

FM Frezeli Mil / Splined rod Außenverzahnte Welle



Malzeme / Material
Material
UNI 39NiCrMo3
Sertleştirilmiş ve Temperlenmiş
Hardened and Tempered
Vergütet

Kod / Code / Bestell
1509.109.260

PD/PDA 109

RADYAL YÜK(Fr)

Aşağıdaki diyagramlar radyal yükleri ve k faktörlerini arzu edilen n_2x h değerlerinde verir.

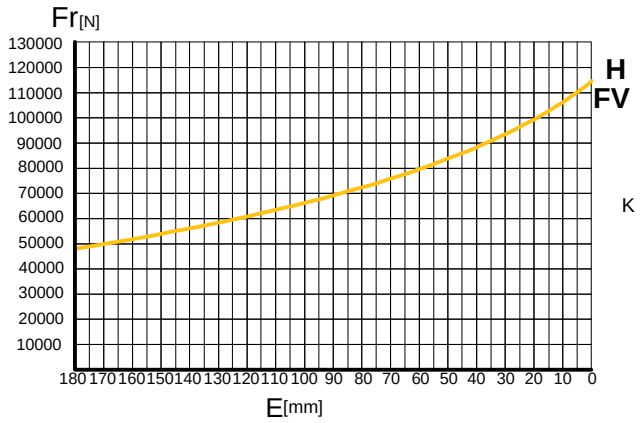
RADIAL LOADS(Fr)

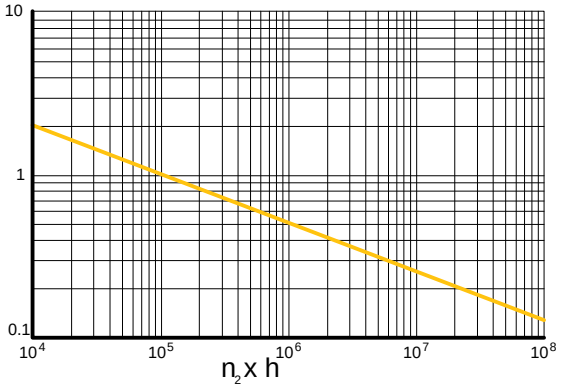
The following curves show the radial loads and the K factors to obtain the required n_2x h value.

RADIALLAST (Fr)

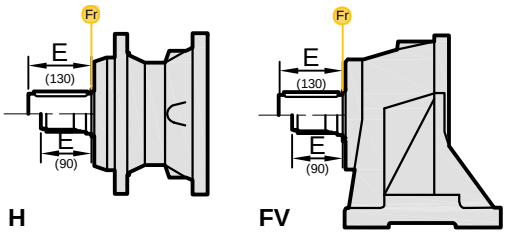
In den nachstehenden Diagrammen ist die Radiallast und der Koeffizient K dargestellt und kann mit dem gewünschten Wert n_2x h verglichen werden.

H-FV





	nxh				
	10^5	10^4	10^6	10^7	10^8
F	Fr	Fr . K			
FV	Fr .0,75	Fr . K . 0,75			



AKSİYEL YÜKLER (Fa)

Tablodaki aksiyel yük değerleri çıkış tipi ve tatbik edilen yük yönünde verilmiştir.

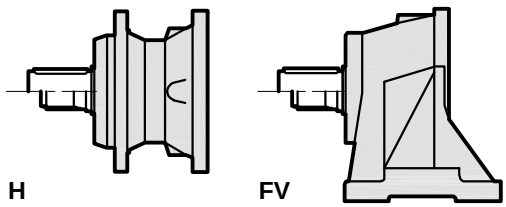
AXIAL LOADS (Fa)

The values of the awial loads in the table refer to the output versions and load directions of application.

AXIALLAST (Fa)

Die dargestellten Werte der Axiallast basieren auf der Version und der applizierten Lastrichtung.

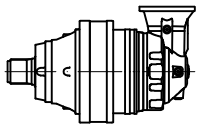
Fa [N]	H	FV	
	40000	40000	←
	60000	60000	→



PD 111

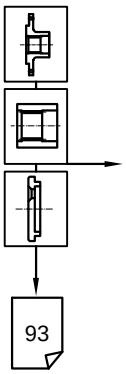
	i	T_2[Nm] $n_2$xh				n_{1max} [min^{-1}]	T_{2max} [Nm]	P_t [kW]
		10 000	20 000	50 000	100 000			
PD 111 S1	3.55	13800	12210	10390	9200	2000	24420	40
	4.28	11860	10500	8940	7910	2000	21000	40
	5.60	9220	8160	6940	6150	2000	16320	40
	6.75	7040	6230	5300	4690	2000	12460	40
	8.66	4980	4410	3750	3320	2000	8820	40
PD 111 S2	13.4	13800	12210	10390	9200	2800	24420	23
	16.1	11860	10500	8940	7910	2800	21000	23
	18.3	13800	12210	10390	9200	2800	24420	23
	22.1	11860	10500	8940	7910	2800	21000	23
	25.7	11860	10500	8940	7910	2800	21000	23
	28.9	9220	8160	6940	6150	2800	16320	23
	33.6	9220	8160	6940	6150	2800	16320	23
	40.5	7040	6230	5300	4690	2800	12460	23
	48.9	7040	6230	5300	4690	2800	12460	23
PD 111 S3	57.5	13800	12210	10390	9200	2800	24420	23
	62.8	13800	12210	10390	9200	2800	24420	15
	75.2	13800	12210	10390	9200	2800	24420	15
	82.1	1380	12210	10390	9200	2800	24420	15
	94.8	11860	10500	8940	7910	2800	21000	15
	109.2	11860	10500	8940	7910	2800	21000	15
	118.4	9220	8160	6940	6150	2800	16320	15
	123.9	11860	10500	8940	7910	2800	21000	15
	129.3	9220	8160	6940	6150	2800	16320	15
	143.9	11860	10500	8940	7910	2800	21000	15
	155.9	9220	8160	6940	6150	2800	16320	15
	173.5	11860	10500	8940	7910	2800	21000	15
	188.1	9220	8160	6940	6150	2800	16320	15
	195.2	9220	8160	6940	6150	2800	16320	15
	209.7	7040	6230	5300	4690	2800	12460	15
	226.8	9220	8160	6940	6150	2800	16320	15
	235.4	7040	6230	5300	4690	2800	12460	15
	274.0	9220	8160	6940	6150	2800	16320	15
PD 111 S4	330.3	7040	6230	5300	4690	2800	12460	11
	351.9	13800	12210	10390	9200	2800	24420	11
	388.5	13800	12210	10390	9200	2800	24420	11
	421.2	13800	12210	10390	9200	2800	24420	11
	440.8	11860	10500	8940	7910	2800	21000	11
	459.9	13800	12210	10390	9200	2800	24420	11
	507.7	13800	12210	10390	9200	2800	24420	11
	531.4	11860	10500	8940	7910	2800	21000	11
	554.3	13800	12210	10390	9200	2800	24420	11
	576.0	9220	8160	6940	6150	2800	16320	11
	611.9	11860	10500	8940	7910	2800	21000	11
	640.5	11860	10500	8940	7910	2800	21000	11
	724.4	9220	8160	6940	6150	2800	16320	11
	806.4	9220	8160	6940	6150	2800	16320	11
	907.3	9220	8160	6940	6150	2800	16320	11
	1008.8	11860	10500	8940	7910	2800	21000	11
	1093.6	9220	8160	6940	6150	2800	16320	11
	1270.0	9220	8160	6940	6150	2800	16320	11
	1530.9	9220	8160	6940	6150	2800	16320	11
	1849.8	9220	8160	6940	6150	2800	16320	11
	2229.7	7040	6230	5300	4690	2800	12460	11

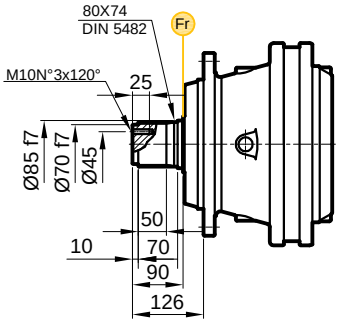
PDA 111

	i	T_2[Nm] $n_2$xh				n_{1max} [min^{-1}]	T_{2max} [Nm]	P_t [kW]
		10 000	20 000	50 000	100 000			
PDA 111 S2	12.2	13800	12210	10390	9200	2800	24420	23
	14.8	11860	10500	8940	7910	2800	21000	23
	19.3	9220	8160	6940	6150	2800	16320	23
	23.3	7040	6230	5300	4690	2800	12460	23
	30.4	9220	8160	6940	6150	2800	16320	23
	36.7	7040	6230	5300	4690	2800	12460	23
PDA 111 S3	46.4	13800	12210	10390	9200	2800	24420	15
	50.6	13800	12210	10390	9200	2800	24420	15
	61.0	11860	10500	8940	7910	2800	21000	15
	73.1	13800	12210	10390	9200	2800	24420	15
	88.8	11860	10500	8940	7910	2800	21000	15
	96.2	11860	10500	8940	7910	2800	21000	15
	116.0	9220	8160	6940	6150	2800	16320	15
	120.5	11860	10500	8940	7910	2800	21000	15
	125.7	9220	8160	6940	6150	2800	16320	15
	139.9	11860	10500	8940	7910	2800	21000	15
	157.5	9220	8160	6940	6150	2800	16320	15
	182.9	9220	8160	6940	6150	2800	16320	15
	221.0	9220	8160	6940	6150	2800	16320	15
	266.4	7040	6230	5300	4690	2800	12640	15
PDA 111 S4	140.0	13800	12210	10390	9200	2800	24420	11
	168.8	13800	12210	10390	9200	2800	24420	11
	184.3	11860	10500	8940	7910	2800	21000	11
	203.5	11860	10500	8940	7910	2800	21000	11
	230.9	13800	12210	10390	9200	2800	24420	11
	265.9	11860	10500	8940	7910	2800	21000	11
	278.3	11860	10500	8940	7910	2800	21000	11
	301.7	13800	12210	10390	9200	2800	24420	11
	320.5	11860	10500	8940	7910	2800	21000	11
	350.0	11860	10500	8940	7910	2800	21000	11
	379.4	9220	8160	6940	6150	2800	16320	11
	418.8	9220	8160	6940	6150	2800	16320	11
	457.3	9220	8160	6940	6150	2800	16320	11
	510.3	9220	8160	6940	6150	2800	16320	11
	551.9	9220	8160	6940	6150	2800	16320	11
	665.2	9220	8160	6940	6150	2800	16320	11
	803.8	9220	8160	6940	6150	2800	16320	11
	968.9	7040	6230	5300	4690	2800	12460	11

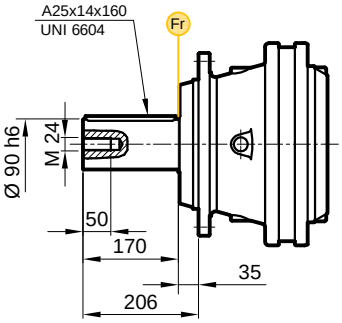
PD/PDA 111

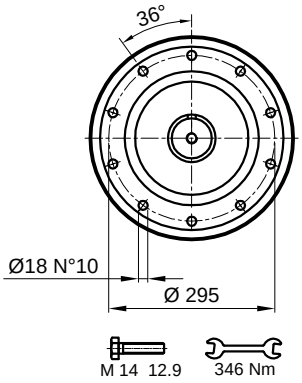
FS



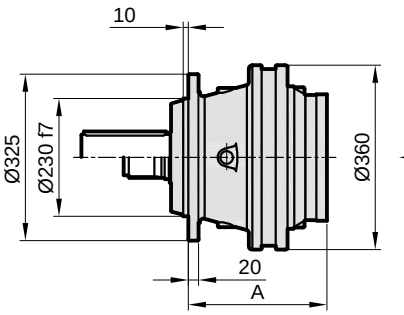


FC





PD..



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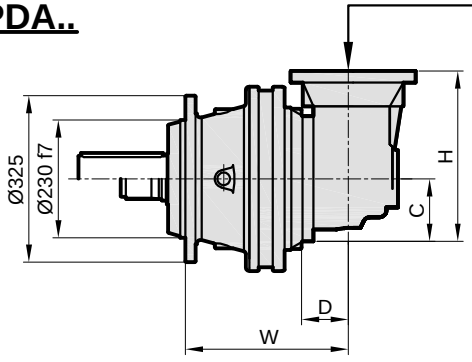
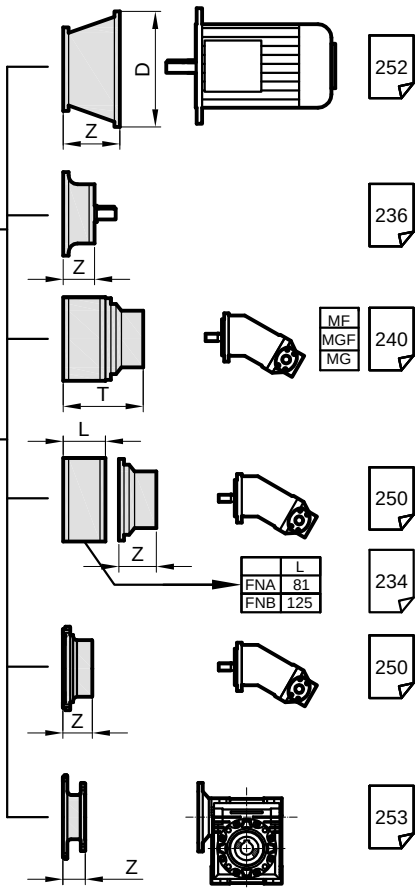


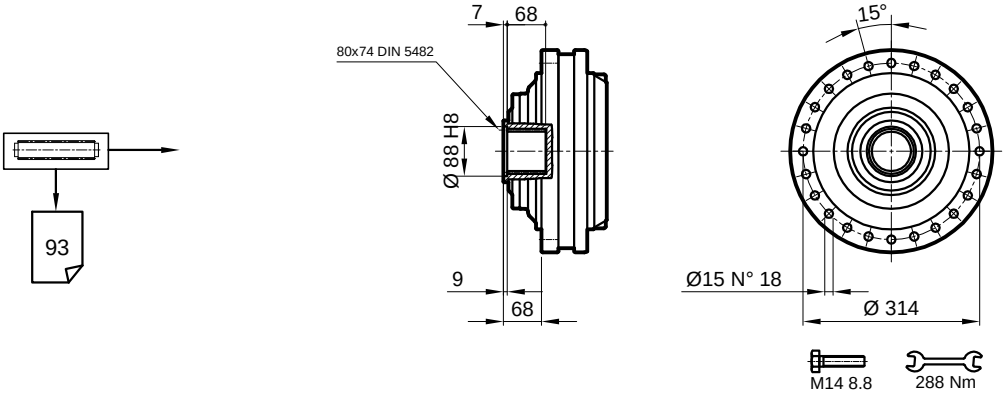


Stage	W	D	C	H	A	PD F	PDA F
S1	-	-	-	-	225	97	-
S2	313	88	140	380	296,5	113	134
S3	398	88	140	380	357,5	121	153
S4	432,5	75	93	252	405,5	127	136

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S1	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S2	185	32	200	60	250	71	300	104	350	120	400	148	450	148	-	-
S3	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-
S4	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-

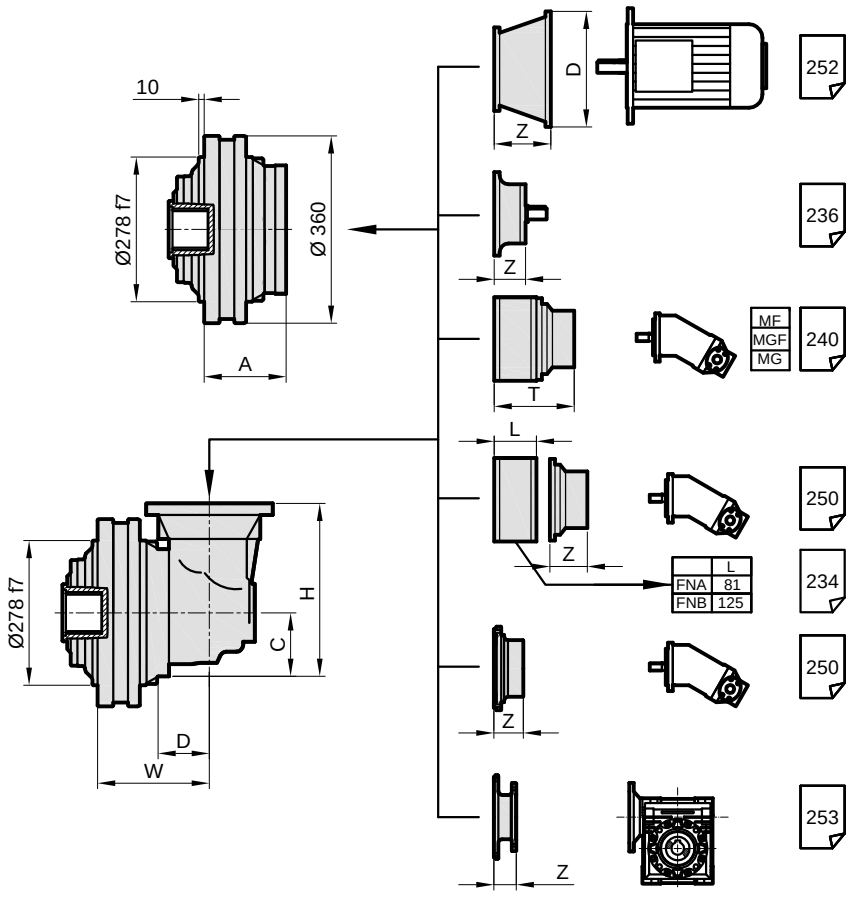
PD/PDA 111

S



PD..

PDA..

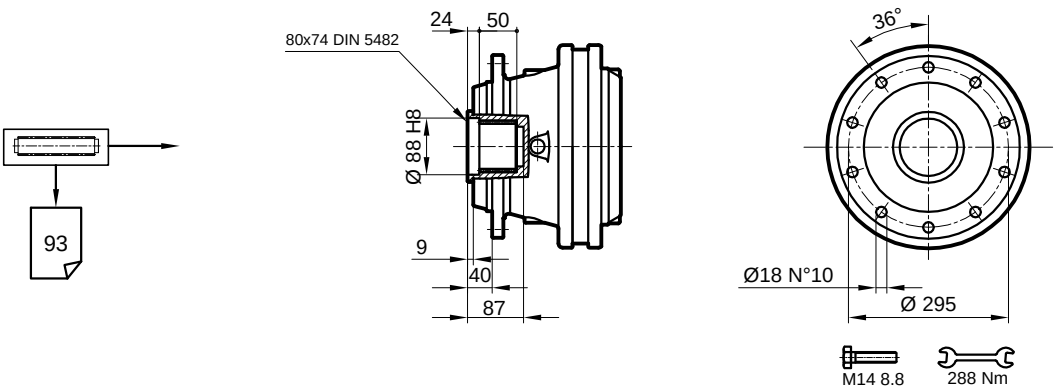


Stage	W	D	C	H	A	PD S	PDA S
S1	-	-	-	-	112	65	-
S2	200	88	140	380	183,5	81	102
S3	285	88	140	380	244,5	89	121
S4	319,5	75	93	252	292,5	95	104

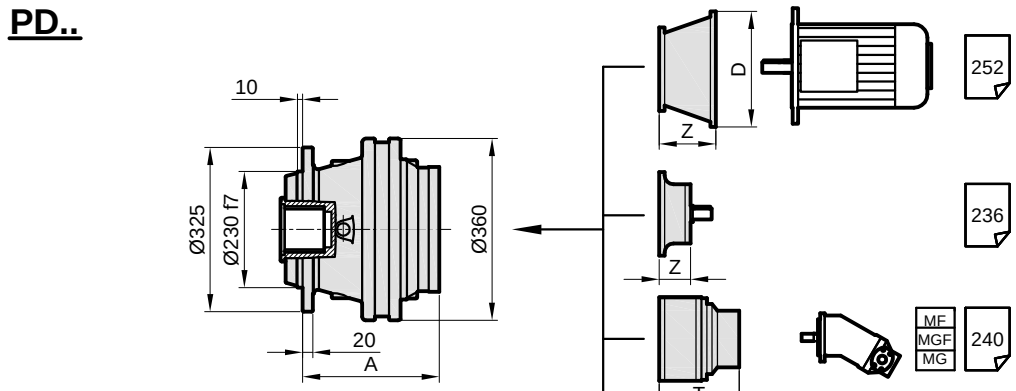
	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S1	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S2	185	32	200	60	250	71	300	104	350	120	400	148	450	148	-	-
S3	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-
S4	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-

PD/PDA 111

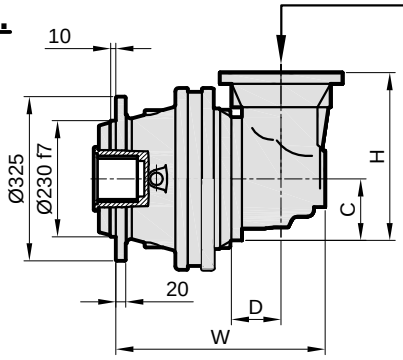
SF



PD..



PDA..

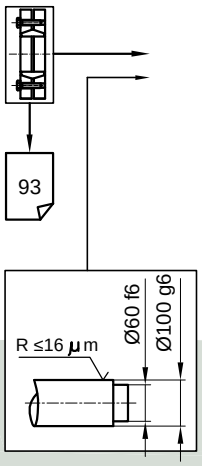


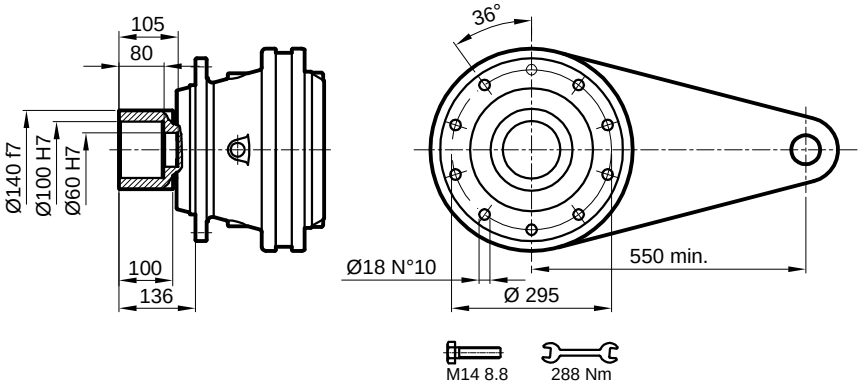
Stage	W	D	C	H	A	PD / SF	PDA / SF
S1	-	-	-	-	225	102	-
S2	313	88	140	380	296,5	118	139
S3	398	88	140	380	357,5	126	158
S4	432,5	75	93	252	405,5	132	141

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S1	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S2	185	32	200	60	250	71	300	104	350	120	400	148	450	148	-	-
S3	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-
S4	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-

PD/PDA 111

SDF

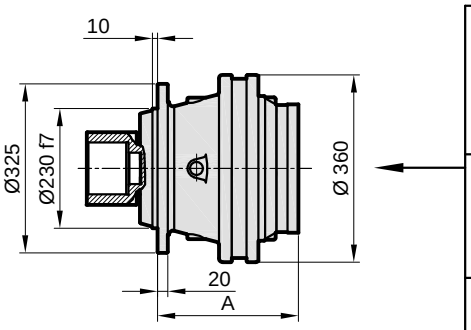




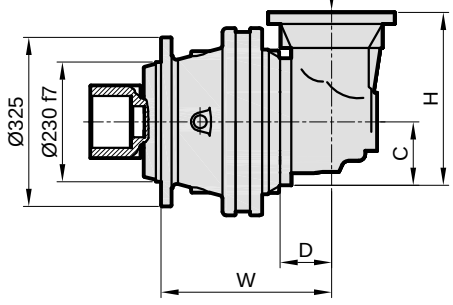
M_{max} = 17.6 kNm

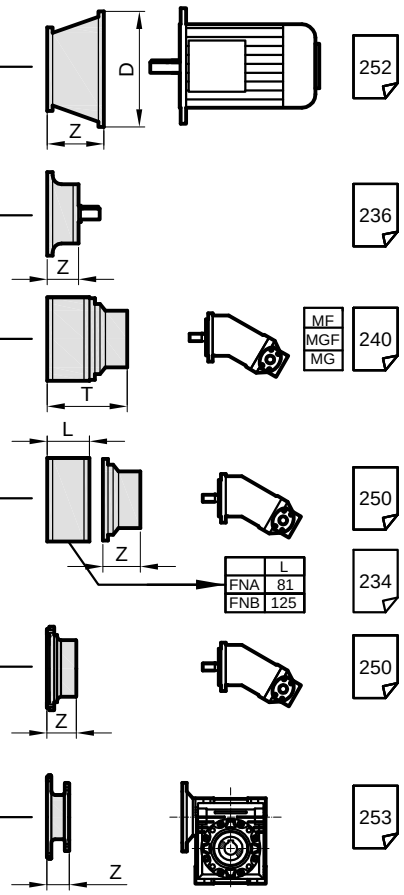
Belirtilen maksimum tork sadece PDS tarafından verilen sıkma bileziği ile mümkündür.
The maximum torque indicated is valid only with shrink discs supplied by PDS.
Das dargestellte , maximale Drehmoment gilt nur mit von PDS.

PD..



PDA..

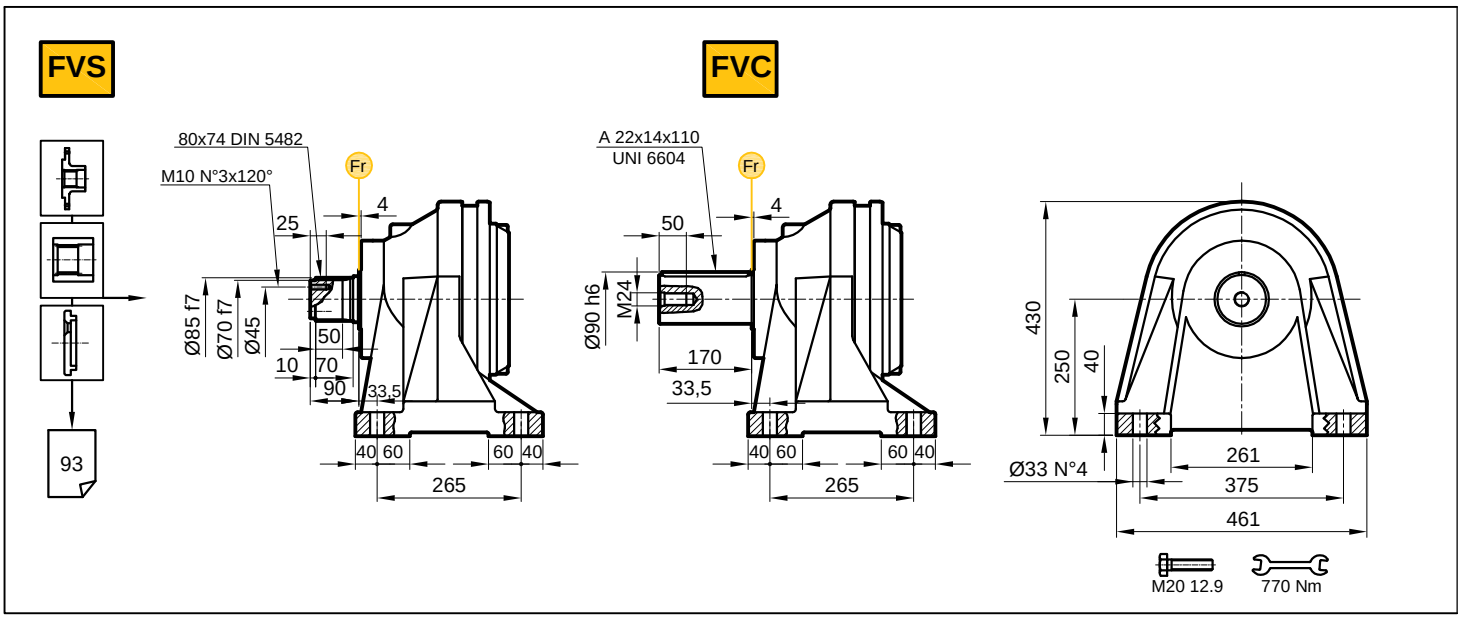




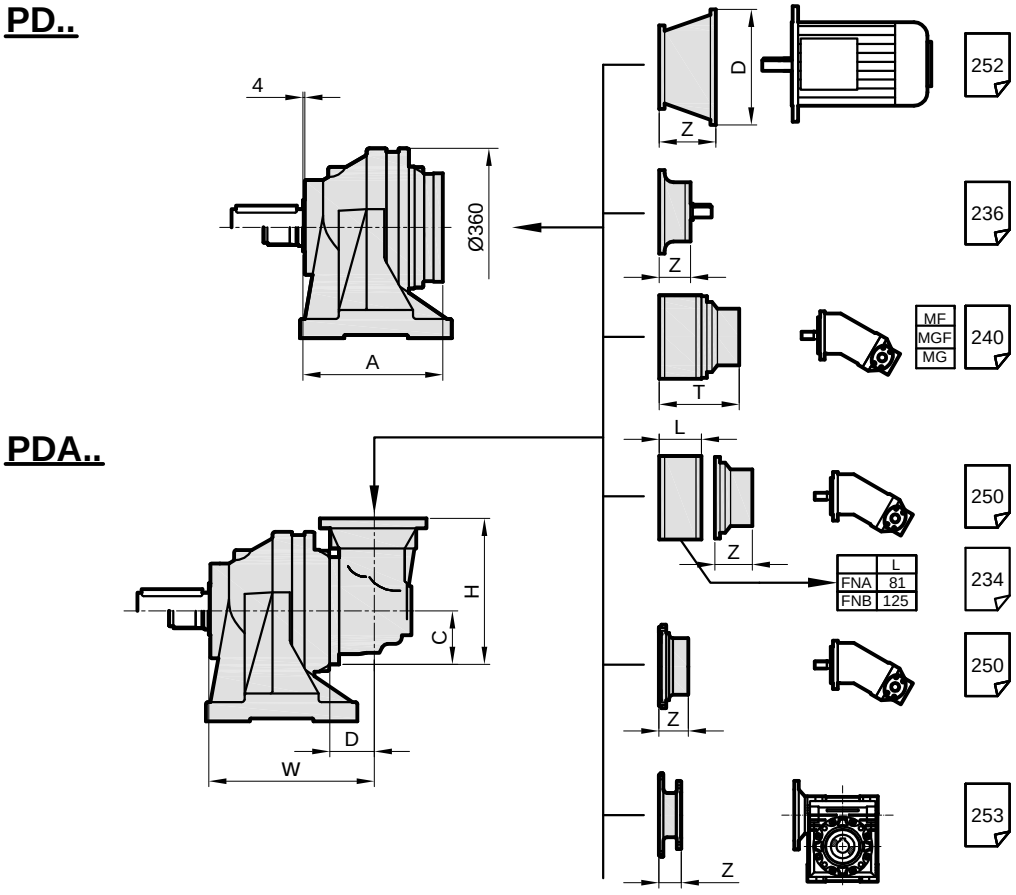
Stage	W	D	C	H	A	PD SDF	PDA SDF
S1	-	-	-	-	225	102	–
S2	313	88	140	380	296,5	118	139
S3	398	88	140	380	357,5	126	158
S4	432,5	75	93	252	405,5	132	141

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S1	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S2	185	32	200	60	250	71	300	104	350	120	400	148	450	148	-	-
S3	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-
S4	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-

PD/PDA 111



PD..

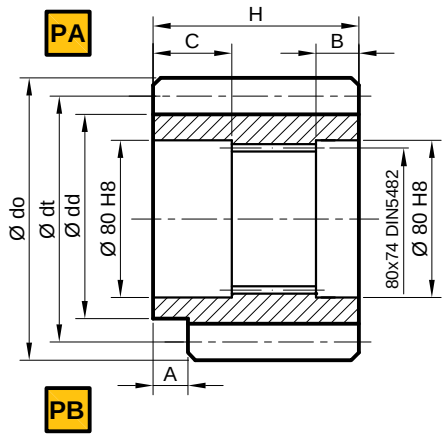


Stage	W	D	C	H	A	PD FVC	PDA FVC
S1	-	-	-	-	272	147	-
S2	360	88	140	380	343,5	163	184
S3	445	88	140	380	404,5	171	203
S4	479,5	75	93	252	452,5	177	186

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S1	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S2	185	32	200	60	250	71	300	104	350	120	400	148	450	148	-	-
S3	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-
S4	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-

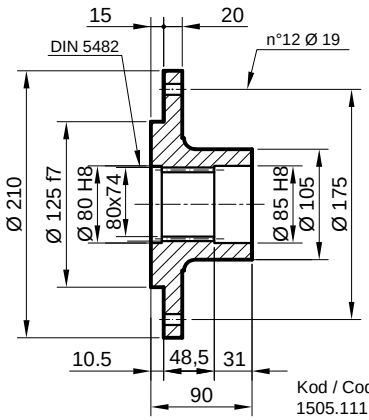
PD/PDA 111

P *Pinyon / Pinion / Ritzel*



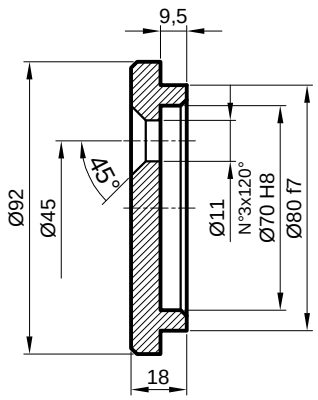
	m	z	x	dt	dd	do	H	A	B	C	Malzeme *Material* Material	Kod Code Bestell
PA	10	12	0	120	95	140	90	0	10	31	38NiCrMo4	1501.111.001
PA	10	14	0	140	95	160	90	0	10	31	38NiCrMo4	1501.111.002
PB	12	14	2,5	168	135,5	194,5	90	25	25	31	39NiCrMo3	1502.111.001

FL Flanş / *Flange* / Flansch



Kod / Code / Bestell
1505.111.200

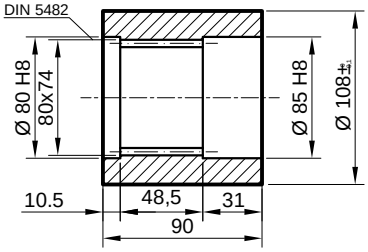
SP Sabitleme Pulu / *Stop bottom plate* / Endscheibe



Kod / Code / Bestell
1507.111.250

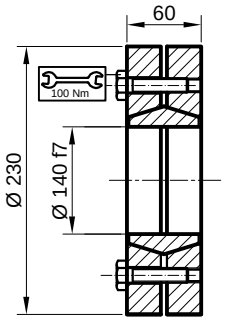
FK Frezeli Kaplin / *Spined bushing* Innenverzahnte Buchse

Malzeme /*Material* Material
UNI C40
SAE 1040
DIN Ck40



Kod / Code / Bestell
1503.111.100

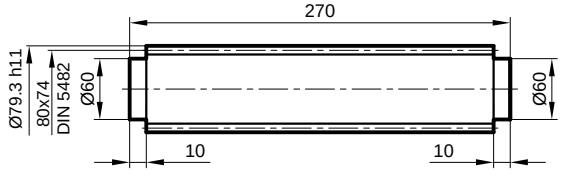
SB Sıkma Bileziği / Shrink disc Schrumpfscheibe



Maksimum tork
Max. torque
Max.Drehmoment
17,6 kNm

Kod / Code / Bestell
2501.111.101

FM Frezeli Mil / Splined rod Außenverzahnte Welle



Malzeme / Material
Material

UNI 39NiCrMo3
Sertleştirilmiş ve Temperlenmiş
Hardened and Tempered
Vergütet

Kod / Code / Bestell
1509.111.260

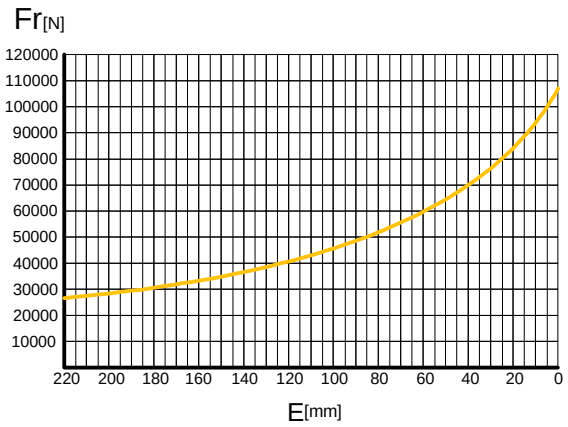
PD/PDA 111

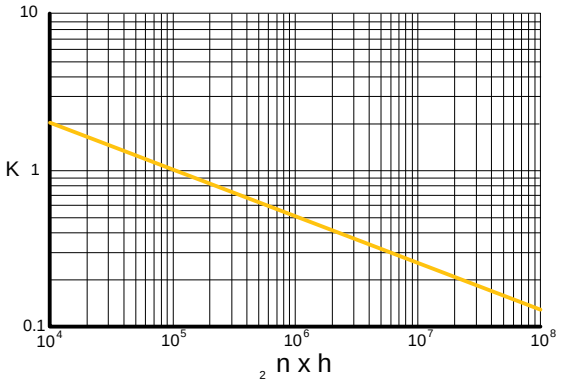
RADYAL YÜK(Fr)
Aşağıdaki diyagramlar radyal yükleri ve k faktörlerini arzu edilen n_2x h değerlerinde verir.

RADIAL LOADS(Fr)
The following curves show the radial loads and the K factors to obtain the required n_2x h value.

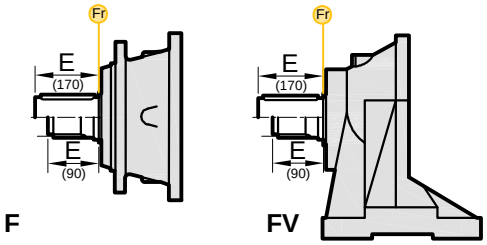
RADIALLAST (Fr)
In den nachstehenden Diagrammen ist die Radiallast und der Koeffizient K dargestellt und kann mit dem gewünschten Wert n_2x h verglichen werden.

F-FV





	nxh				
	10^5	10^4	10^6	10^7	10^8
F	Fr	Fr . K			
FV	Fr .0,75	Fr . K . 0,75			

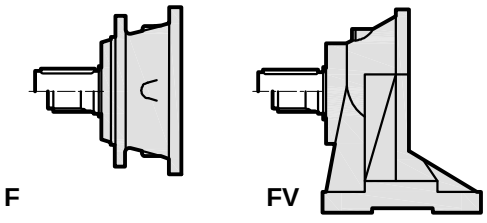


AKSİYEL YÜKLER (Fa)
Tablodaki aksiyel yük değerleri çıkış tipi ve tatbik edilen yük yönünde verilmiştir.

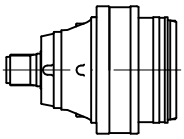
AXIAL LOADS (Fa)
The values of the awial loads in the table refer to the output versions and load directions of application.

AXIALLAST (Fa)
Die dargestellten Werte der Axiallast basieren auf der Version und der applizierten Lastrichtung.

Fa [N]	F	FV	
	40000	40000	←
	65000	65000	→

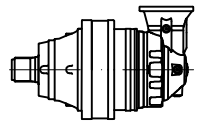


PD 113

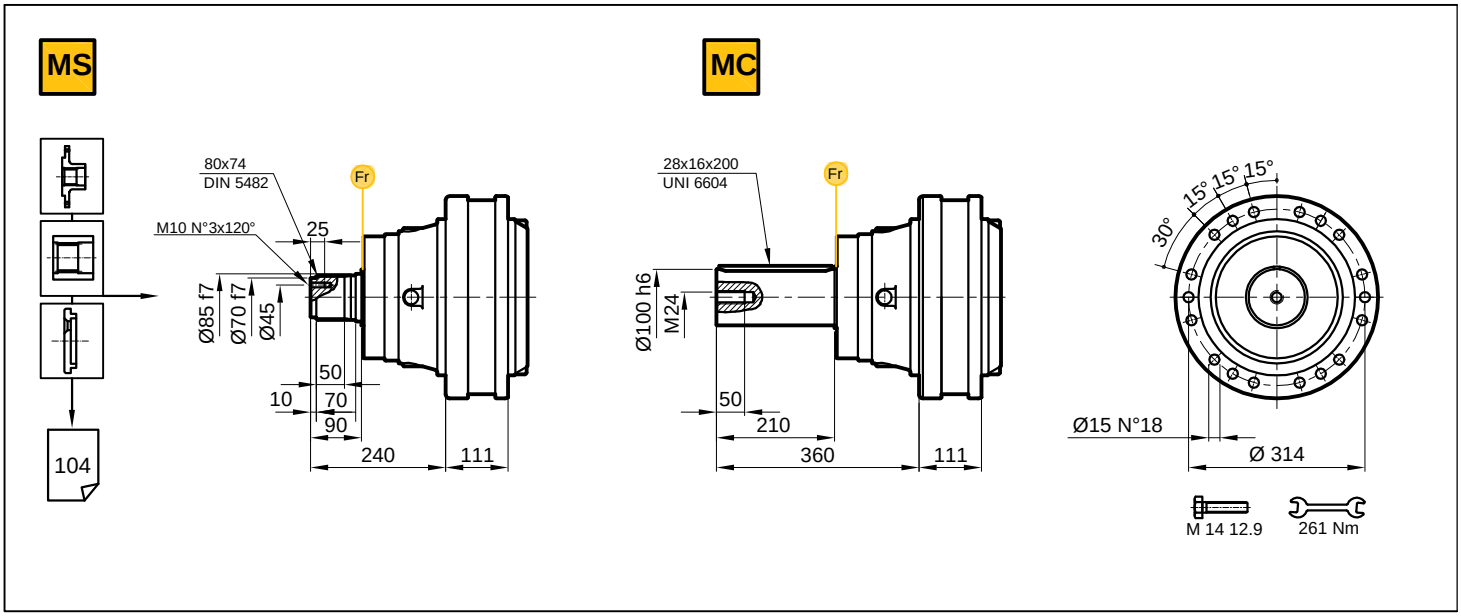


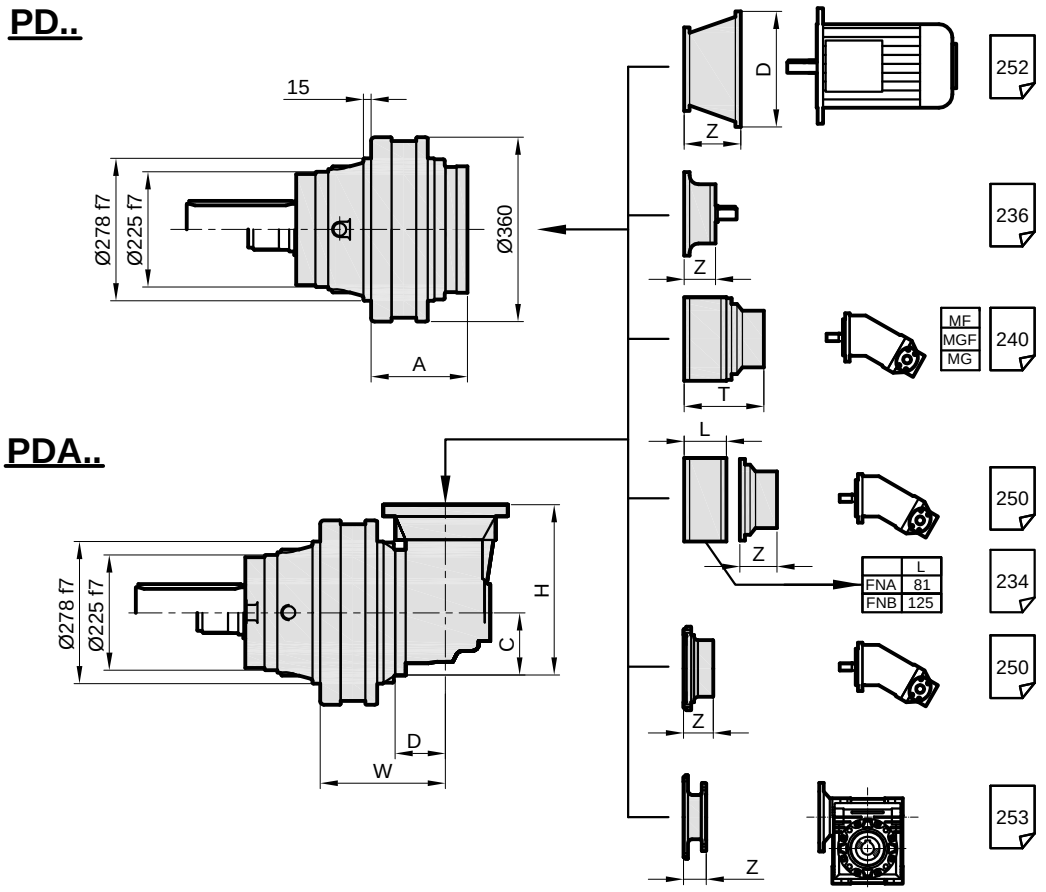
	i	T_2 [Nm]				n_{1max} [min^{-1}]	T_{2max} [Nm]	P_t [kW]
		$n_2$xh						
		10 000	20 000	50 000	100 000			
PD 113 S1	3.55	20360	18020	15330	13570	2000	36040	40
	4.28	17740	15700	13360	11830	2000	31400	40
	5.60	13570	12010	10220	9050	2000	24020	40
	6.75	10320	9130	7770	6880	2000	18260	40
PD 113 S2	13.4	20360	18020	15330	13570	2000	36040	40
	16.1	17740	15700	13360	11830	2800	31400	23
	22.1	17740	15700	13360	11830	2800	31400	23
	28.9	13570	12010	10220	9050	2800	24020	23
	33.6	13570	12010	10220	9050	2800	24020	23
	40.5	10320	9130	7770	6880	2800	18260	23
	48.9	10320	9130	7770	6880	2800	18260	23
PD 113 S3	57.5	20360	18020	15330	13570	2800	36040	23
	62.8	20360	18020	15330	13570	2800	36040	23
	75.2	20360	18020	15330	13570	2800	36040	23
	82.1	20360	18020	15330	13570	2800	36040	23
	94.8	17740	15700	13360	11830	2800	31400	15
	109.2	17740	15700	13360	11830	2800	31400	15
	118.4	13570	12010	10220	9050	2800	24020	15
	123.9	17740	15700	13360	11830	2800	31400	15
	129.3	13570	12010	10220	9050	2800	24020	15
	143.9	13570	12010	10220	9050	2800	24020	15
	155.9	13570	12010	10220	9050	2800	24020	15
	188.1	13570	12010	10220	9050	2800	24020	15
	195.2	13570	12010	10220	9050	2800	24020	15
	209.7	10320	9130	7770	6880	2800	18260	15
	226.8	13570	12010	10220	9050	2800	24020	15
	235.4	10320	9130	7770	6880	2800	18260	15
	274.0	13570	12010	10220	9050	2800	24020	15
	330.3	10320	9130	7770	6880	2800	18260	15
PD 113 S4	351.9	20360	18020	15330	13570	2800	36040	15
	388.5	20360	18020	15330	13570	2800	36040	15
	421.2	20360	18020	15330	13570	2800	36040	15
	440.8	17740	15700	13360	11830	2800	31400	11
	459.9	20360	18020	15330	13570	2800	36040	11
	507.7	20360	18020	15330	13570	2800	36040	11
	531.4	17740	15700	13360	11830	2800	31400	11
	554.3	20360	18020	15330	13570	2800	36040	11
	576.0	13570	12010	10220	9050	2800	24020	11
	611.9	17740	15700	13360	11830	2800	31400	11
	640.5	17740	15700	13360	11830	2800	31400	11
	724.4	13570	12010	10220	9050	2800	24020	11
	806.4	13570	12010	10220	9050	2800	24020	11
	907.3	13570	12010	10220	9050	2800	24020	11
	1008.8	17740	15700	13360	11830	2800	31400	11
	1093.6	13570	12010	10220	9050	2800	24020	11
	1270.0	13570	12010	10220	9050	2800	24020	11
	1530.9	13570	12010	10220	9050	2800	24020	11
	1849.8	13570	12010	10220	9050	2800	24020	11
	2229.7	10320	9130	7770	6880	2800	18260	11

PDA 113

	i	T_2 [Nm]				n_{1max} [min^{-1}]	T_{2max} [Nm]	P_t [kW]
		$n_2$xh						
		10 000	20 000	50 000	100 000			
PDA 113 S2	12.2	20360	18020	15330	13570	2800	36040	23
	14.8	17740	15700	13360	11830	2800	31400	23
	19.3	13570	12010	10220	9050	2800	24020	23
	23.3	10320	9130	7770	6880	2800	18260	23
	30.4	13570	12010	10220	9050	2800	24020	23
	36.7	10320	9130	7770	6880	2800	18260	23
PDA 113 S3	46.4	20360	18020	15330	13570	2800	36040	15
	50.6	20360	18020	15330	13570	2800	36040	15
	61.0	17740	15700	13360	11830	2800	31400	15
	76.5	17740	15700	13360	11830	2800	31400	15
	88.8	17740	15700	13360	11830	2800	31400	15
	96.2	17740	15700	13360	11830	2800	31400	15
	116.0	13570	12010	10220	9050	2800	24020	15
	120.5	17740	15700	13360	11830	2800	31400	15
	125.7	13570	12010	10220	9050	2800	24020	15
	139.9	17740	15700	13360	11830	2800	31400	15
	157.5	13570	12010	10220	9050	2800	24020	15
	182.9	13570	12010	10220	9050	2800	24020	15
	221.0	13570	12010	10220	9050	2800	24020	15
	226.4	10320	9130	7770	6880	2800	18260	15
PDA 113 S4	140.0	20360	18020	15330	13570	2800	36040	11
	168.8	20360	18020	15330	13570	2800	36040	11
	184.3	17740	15700	13360	11830	2800	31400	11
	203.5	17740	15700	13360	11830	2800	31400	11
	230.9	17740	15700	13360	11830	2800	31400	11
	240.9	13570	12010	10220	9050	2800	24020	11
	290.4	17740	15700	13360	11830	2800	31400	11
	301.7	13570	12010	10220	9050	2800	24020	11
	320.6	17740	15700	13360	11830	2800	31400	11
	347.5	13570	12010	10220	9050	2800	24020	11
	379.4	13570	12010	10220	9050	2800	24020	11
	418.8	13570	12010	10220	9050	2800	24020	11
	457.3	13570	12010	10220	9050	2800	24020	11
	510.3	13570	12010	10220	9050	2800	24020	11
	551.9	13570	12010	10220	9050	2800	24020	11
	665.2	13570	12010	10220	9050	2800	24020	11
	803.8	13570	12010	10220	9050	2800	24020	11
	968.9	10320	9130	7770	6880	2800	18260	11

PD/PDA 113

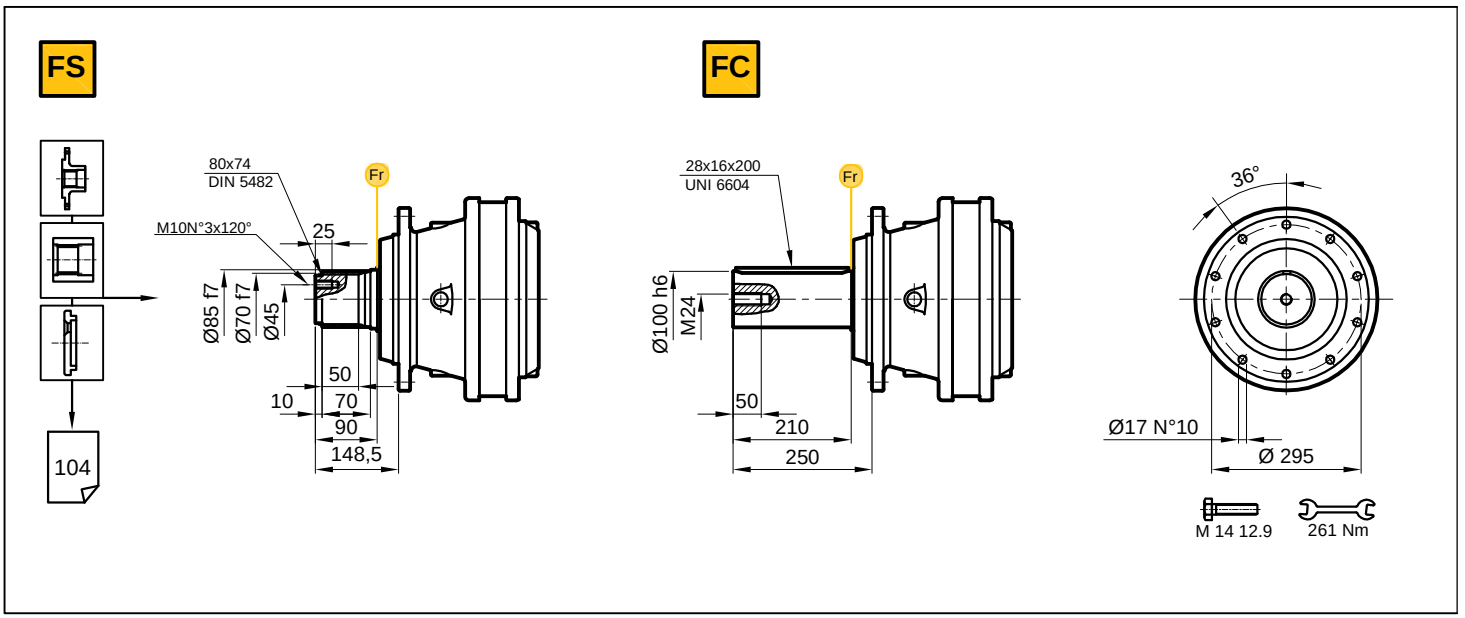


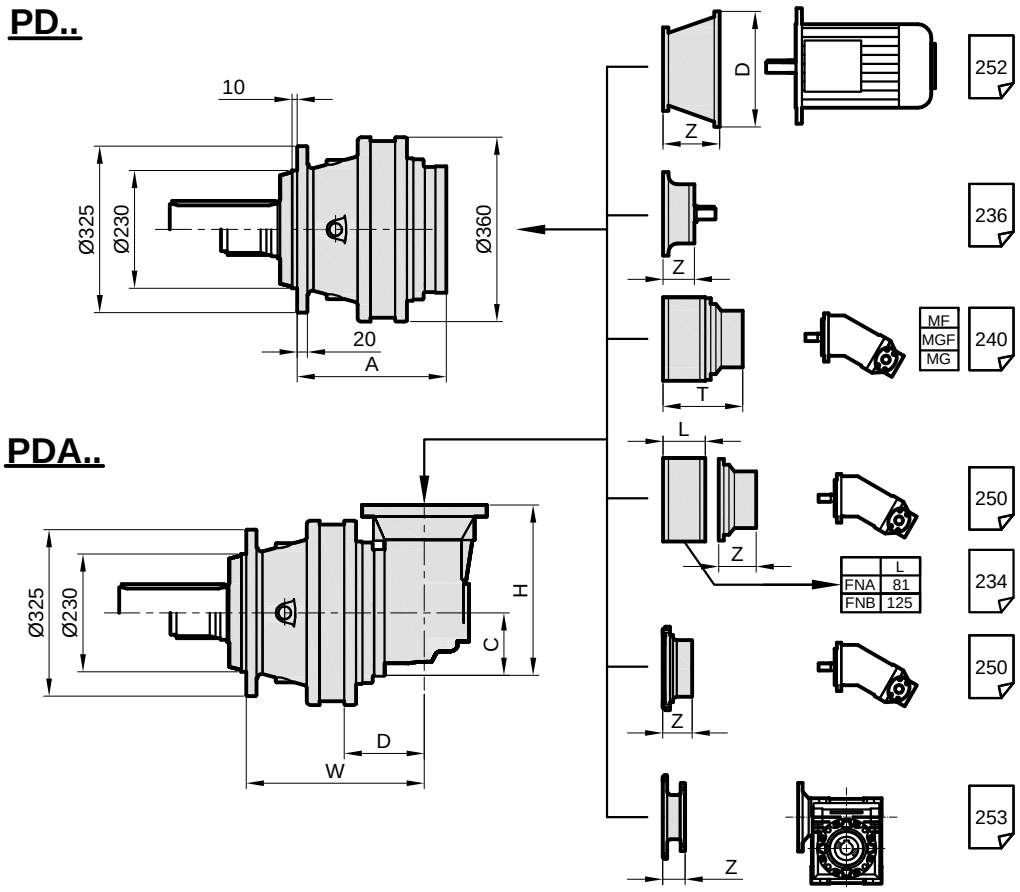


Stage	W	D	C	H	A	PD M	PDA M
S1	-	-	-	-	142	105	-
S2	230	88	140	380	213,5	121	142
S3	315	88	140	380	274,5	129	161
S4	349,5	75	93	252	322,5	135	144

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S1	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S2	185	32	200	60	250	71	300	104	350	120	400	148	450	148	-	-
S3	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-
S4	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-

PD/PDA 113

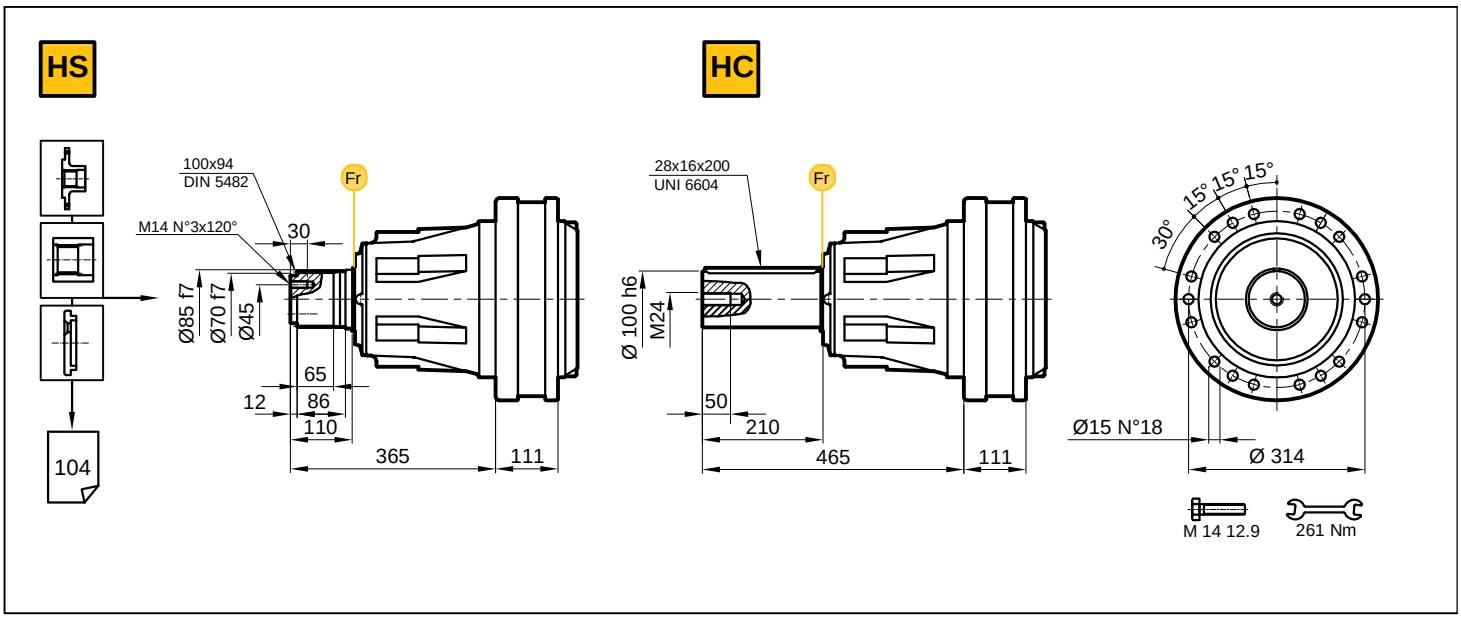


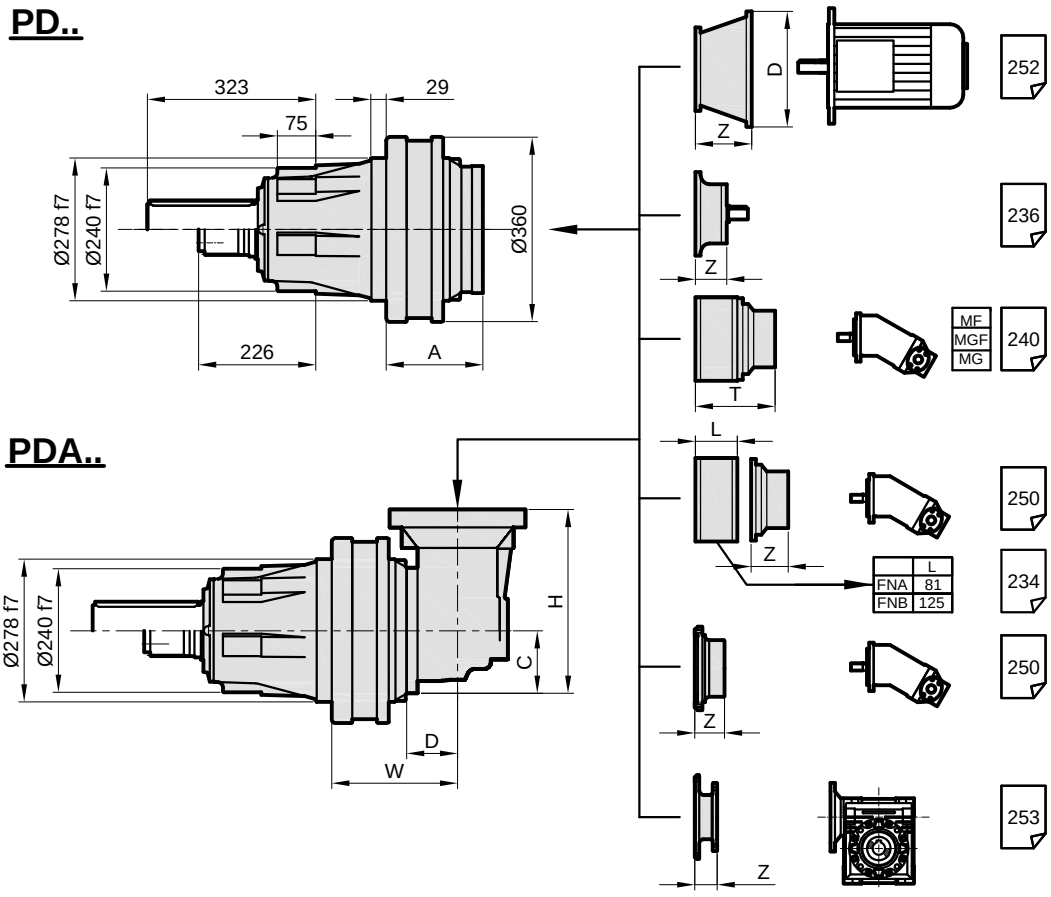


Stage	W	D	C	H	A	PD F	PDA F
S1	-	-	-	-	260	120	-
S2	348	88	140	380	331,5	136	157
S3	433	88	140	380	392,5	144	176
S4	467,5	75	93	252	440,5	150	159

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S1	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S2	185	32	200	60	250	71	300	104	350	120	400	148	450	148	-	-
S3	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-
S4	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-

PD/PDA 113



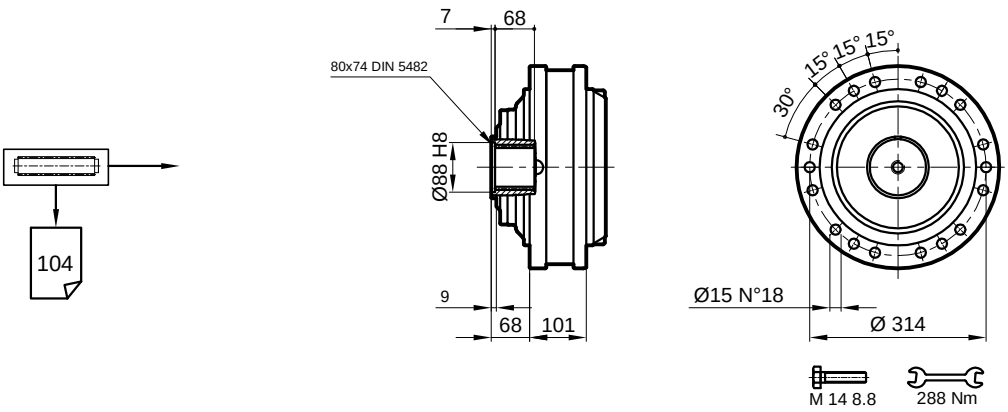


Stage	W	D	C	H	A	PD H	PDA H
S1	-	-	-	-	142	132	-
S2	230	88	140	380	213,5	148	169
S3	315	88	140	380	274,5	156	188
S4	349,5	75	93	252	322,5	162	171

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S1	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S2	185	32	200	60	250	71	300	104	350	120	400	148	450	148	-	-
S3	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-
S4	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-

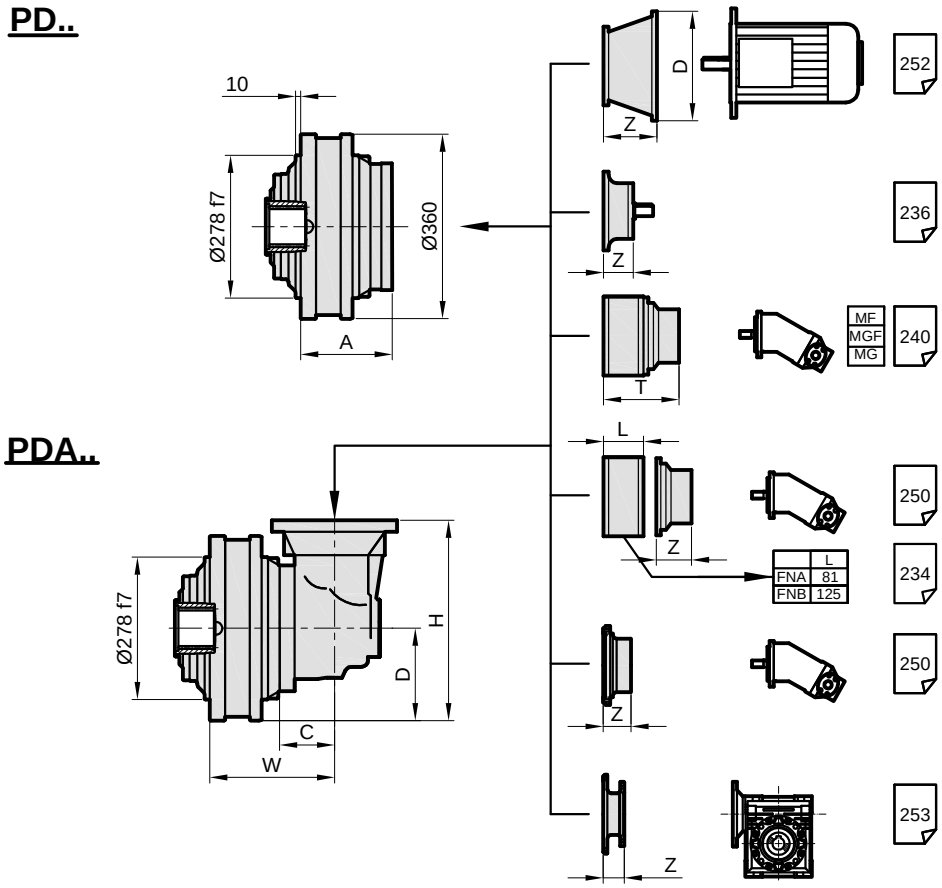
PD/PDA 113

S



PD..

PDA..

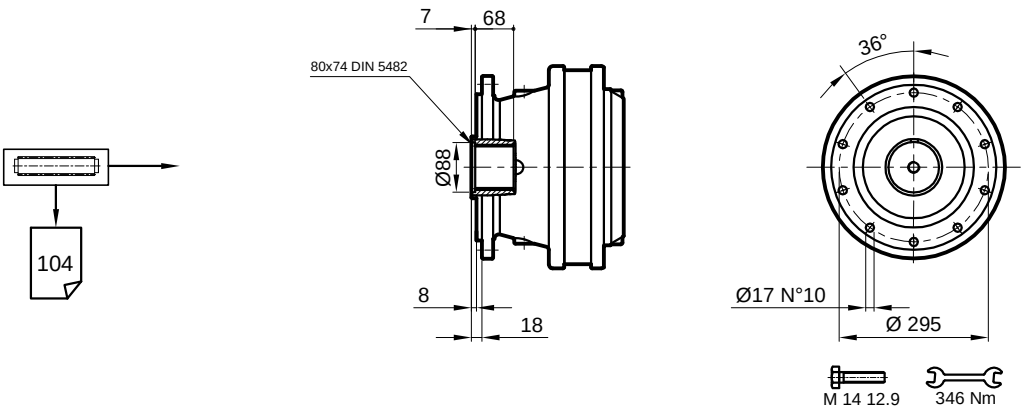


Stage	W	D	C	H	A	PD S	PDA S
S1	-	-	-	-	132	74	-
S2	220	88	140	380	203.5	90	111
S3	305	88	140	380	264.5	98	130
S4	339,5	75	93	252	312.5	104	113

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S1	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S2	185	32	200	60	250	71	300	104	350	120	400	148	450	148	-	-
S3	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-
S4	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-

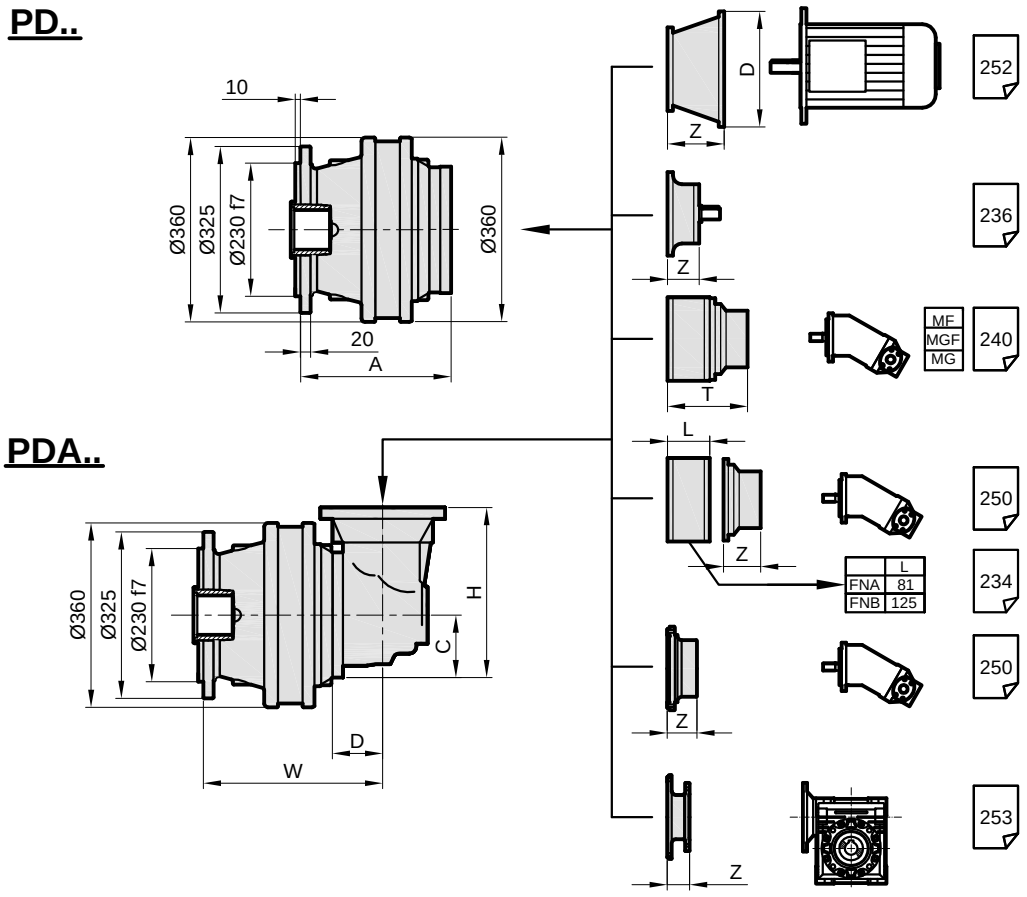
PD/PDA 113

SF



PD..

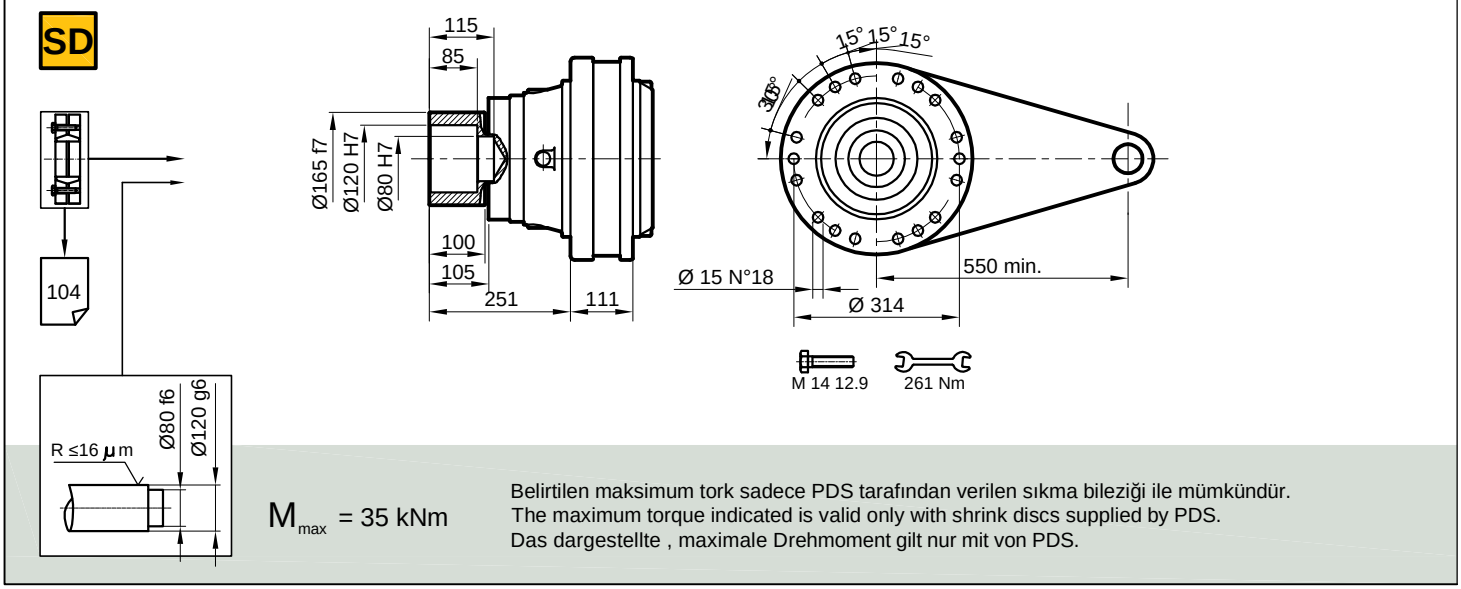
PDA..



Stage	W	D	C	H	A	PD SF	PDA SF
S1	-	-	-	-	142	110	-
S2	230	88	140	380	213,5	126	147
S3	315	88	140	380	274.5	134	166
S4	349,5	75	93	252	322.5	140	149

Stage	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S1	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S2	185	32	200	60	250	71	300	104	350	120	400	148	450	148	-	-
S3	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-
S4	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-

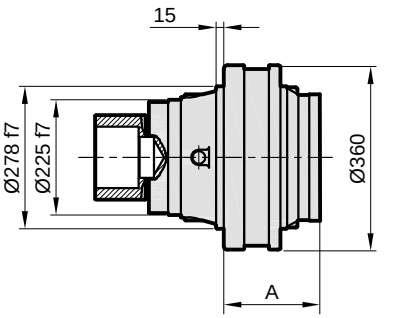
PD/PDA 113



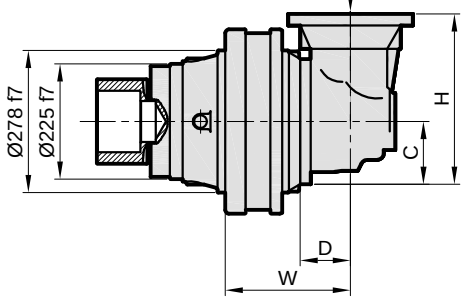
M_{max} = 35 kNm

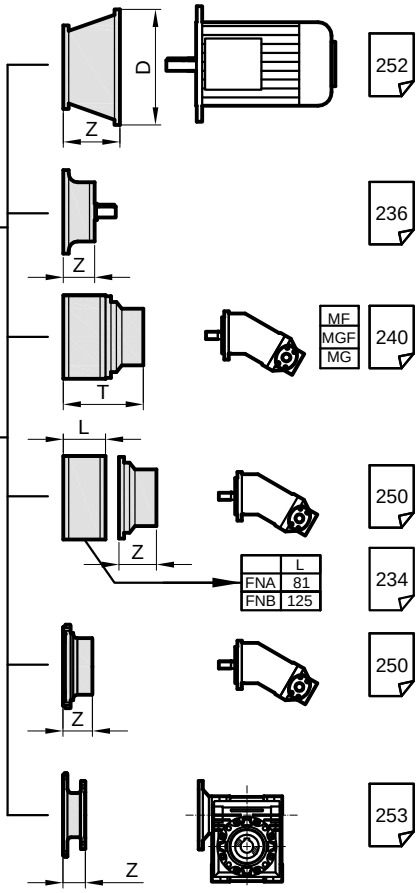
Belirtilen maksimum tork sadece PDS tarafından verilen sıkma bileziği ile mümkündür.
The maximum torque indicated is valid only with shrink discs supplied by PDS.
Das dargestellte , maximale Drehmoment gilt nur mit von PDS.

PD..



PDA..

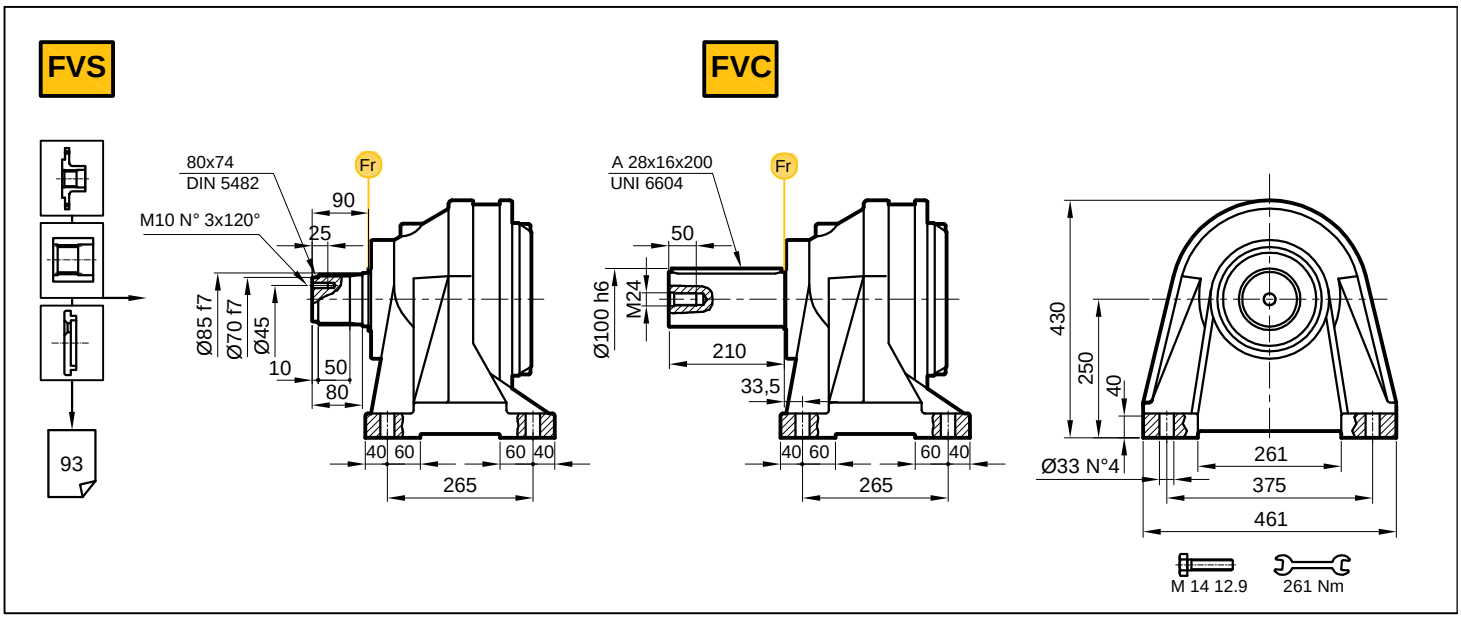




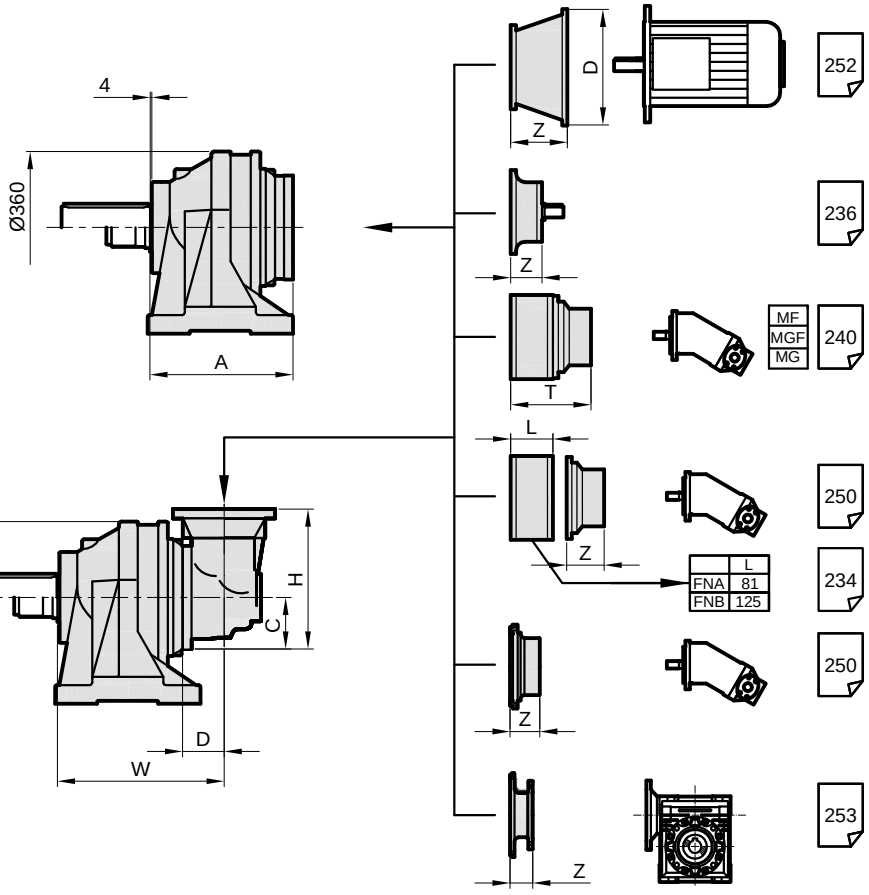
Stage	W	D	C	H	A	PD / SD	PDA / SD
S1	-	-	-	-	142	110	-
S2	230	88	140	380	213,5	126	147
S3	315	88	140	380	274.5	134	166
S4	349,5	75	93	252	322.5	140	149

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S1	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S2	185	32	200	60	250	71	300	104	350	120	400	148	450	148	-	-
S3	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-
S4	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-

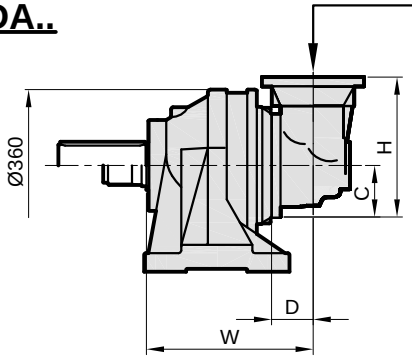
PD/PDA 113



PD..



PDA..

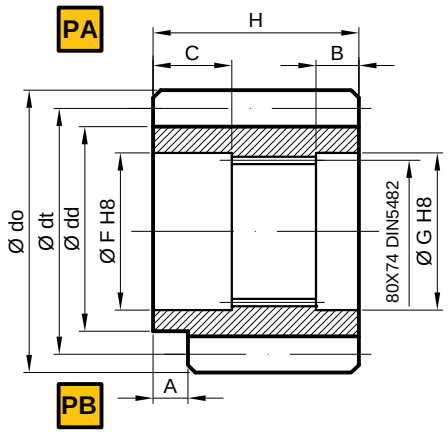


Stage	W	D	C	H	A	PD FV	PDA FV
S1	-	-	-	-	296	105	-
S2	384	88	140	380	317,5	121	142
S3	469	88	140	380	428,5	129	161
S4	503,5	75	93	252	476,5	135	144

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S1	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S2	185	32	200	60	250	71	300	104	350	120	400	148	450	148	-	-
S3	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-
S4	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-

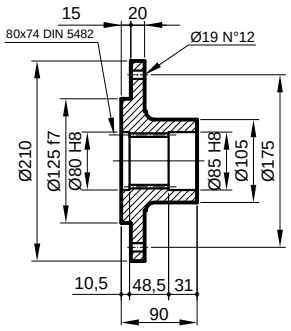
PD/PDA 113

P *Pinyon / Pinion / Ritzel*

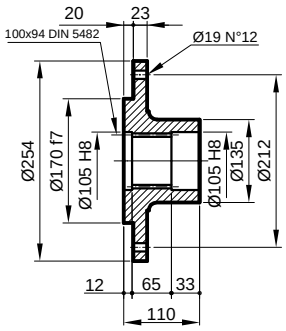


		m	z	x	dd	dt	do	H	A	B	C	F	G	Malzeme *Material* Material	Kod / Code Bestell
PA	M	10	12	0	95	120	140	90	0	10	31	85	80	38NiCrMo4	1501.113.001
PA	M	10	14	0	115	140	160	90	0	10	31	85	80	38NiCrMo4	1501.113.002
PA	P	14	13	1	161	182	224	122	0	24	33	105	105	18NiCrMo5	1501.113.003
PB	M	12	14	0,5	144	168	198	90	13	25	31	85	80	39NiCrMo3	1502.113.001

FL Flanş / *Flange* / Flansch

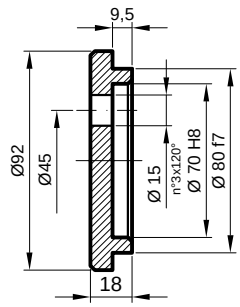


MS Kod / Code / Bestell
1505.111.200

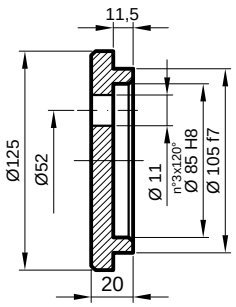


HS Kod / Code / Bestell
1506.113.201

SP Sabitleme Pulu / *Stop bottom plate* / Endscheibe



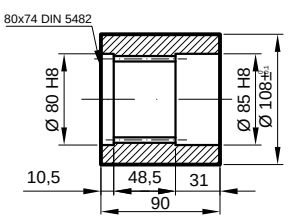
MS
Kod / Code / Bestell
1507.111.250



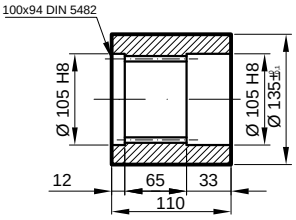
HS
Kod / Code / Bestell
1508.113.251

FK Frezeli Kaplin / *Spined bushing* Innenverzahnte Buchse

Malzeme /*Material* Material
UNI C40 / SAE 1040 / DIN Ck40

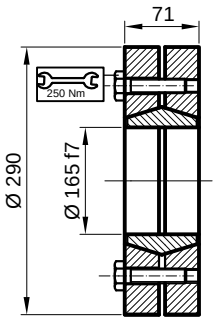


FS Kod / Code / Bestell
1503.111.100



HS Kod / Code / Bestell
1504.113.101

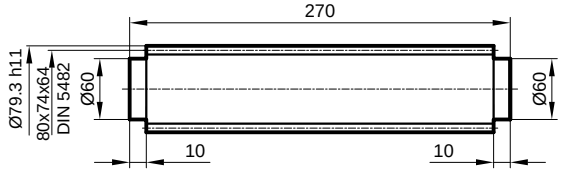
SB Sıkma Bileziği / Shrink disc Schrumpfscheibe



Maksimum tork
Max. torque
Max.Drehmoment
35 kNm

Kod / Code / Bestell
2501.113.001

FM Frezeli Mil / Splined rod Außenverzahnte Welle



Malzeme / Material
Material

UNI 39NiCrMo3
Sertleştirilmiş ve Temperlenmiş
Hardened and Tempered
Vergütet

Kod / Code /Bestell
1509.113.001

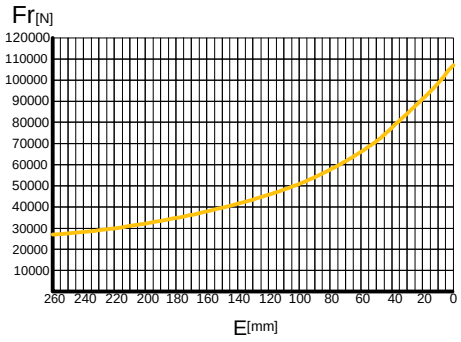
PD/PDA 113

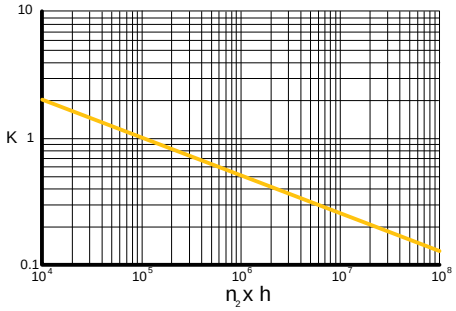
RADYAL YÜK(Fr)
Aşağıdaki diyagramlar radyal yükleri ve k faktörlerini arzu edilen n_2x h değerlerinde verir.

RADIAL LOADS(Fr)
The following curves show the radial loads and the K factors to obtain the required n_2x h value.

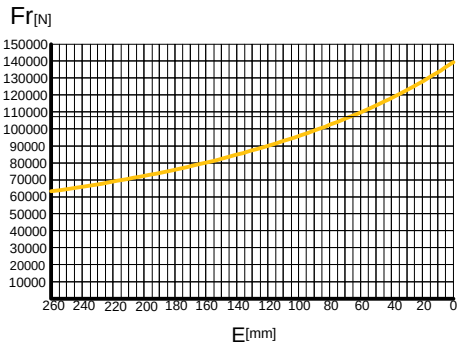
RADIALLAST (Fr)
In den nachstehenden Diagrammen ist die Radiallast und der Koeffizient K dargestellt und kann mit dem gewünschten Wert n_2x h verglichen werden.

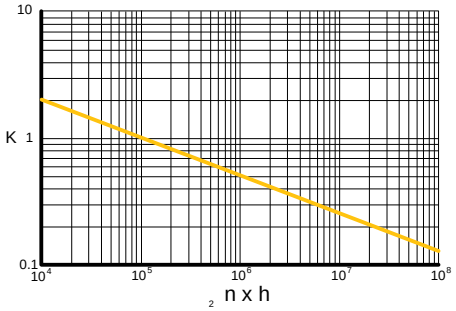
M-FV



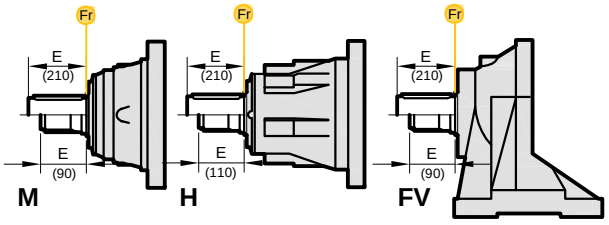


H





	nxh				
	10^5	10^4	10^6	10^7	10^8
M-H	Fr	Fr . K			
FV	Fr .0,75	Fr . K . 0,75			

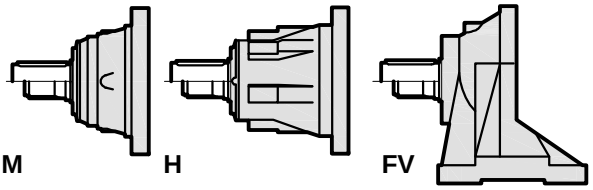


AKSİYEL YÜKLER (Fa)
Tablodaki aksiyel yük değerleri çıkış tipi ve tatbik edilen yük yönünde verilmiştir.

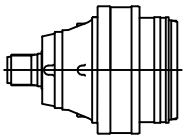
AXIAL LOADS (Fa)
The values of the awial loads in the table refer to the output versions and load directions of application.

AXIALLAST (Fa)
Die dargestellten Werte der Axiallast basieren auf der Version und der applizierten Lastrichtung.

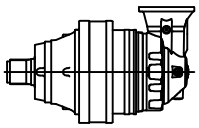
Fa [N]	M-CPC	H	
	45000	85000	←
	65000	85000	→



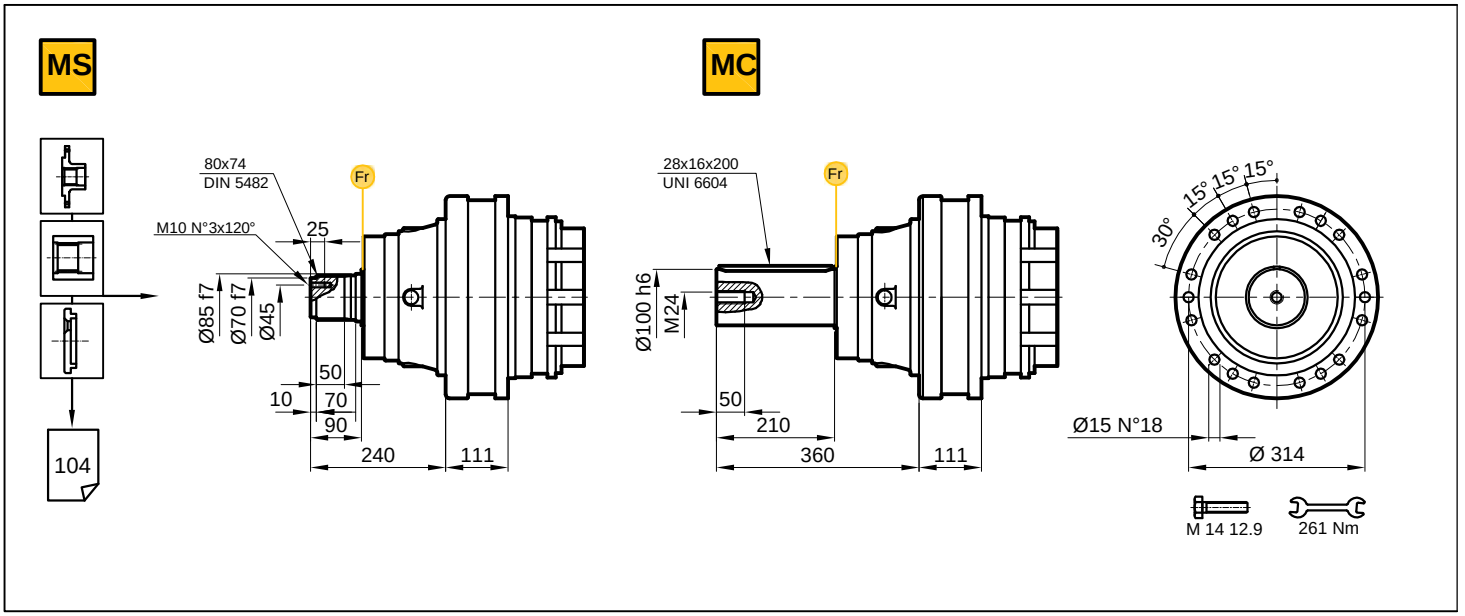
PD 115

	i	T_2 [Nm] $n_2$xh				n_{1max} [min^{-1}]	T_{2max} [Nm]	P_t [kW]
		10 000	20 000		100 000			
PD 115 S2	13.0	20360	18020	15330	13570	2800	36040	25
	15.7	20360	18020	15330	13570	2800	36040	25
	19.0	17740	15700	13360	11830	2800	31400	25
	21.4	17740	15700	13360	11830	2800	31400	25
	24.9	17740	15700	13360	11830	2800	31400	25
	30.0	17740	15700	13360	11830	2800	31400	25
PD 115 S3	53.8	20360	18020	15330	13570	2800	36040	17
	65.0	20360	18020	15330	13570	2800	36040	17
	73.3	20360	18020	15330	13570	2800	36040	17
	81.3	20360	18020	15330	13570	2800	36040	17
	94.5	20360	18020	15330	13570	2800	36040	17
	106.6	20360	18020	15330	13570	2800	36040	17
	128.4	17740	15700	13360	11830	2800	31400	17
	149.1	17740	15700	13360	11830	2800	31400	17
	180.2	17740	15700	13360	11830	2800	31400	17
PD 115 S4	348.6	20360	18020	15330	13570	2800	36040	13
	377.2	20360	18020	15330	13570	2800	36040	13
	438.4	20360	18020	15330	13570	2800	36040	13
	489.2	20360	18020	15330	13570	2800	36040	13
	549.1	20360	18020	15330	13570	2800	36040	13
	620.0	20360	18020	15330	13570	2800	36040	13
	677.9	20360	18020	15330	13570	2800	36040	13
	720.0	20360	18020	15330	13570	2800	36040	13
	770.5	20360	18020	15330	13570	2800	36040	13
	818.8	20360	18020	15330	13570	2800	36040	13
	849.8	17740	15700	13360	11830	2800	31400	13
	928.8	17740	15700	13360	11830	2800	31400	13
	987.4	17740	15700	13360	11830	2800	31400	13
	1113.0	17740	15700	13360	11830	2800	31400	13
	1216.4	17740	15700	13360	11830	2800	31400	13

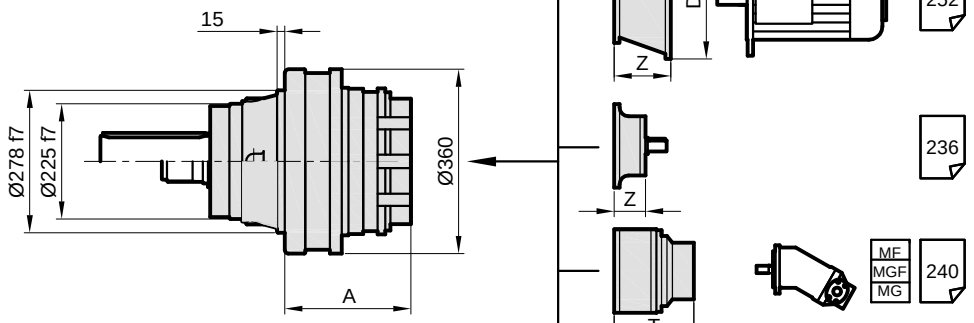
PDA 115

	i	T_2 [Nm]				n_{1max} [min^{-1}]	T_{2max} [Nm]	P_t [kW]
		$n_2$xh						
		10 000	20 000	50 000	100 000			
PDA 115 S2	10.9	20360	18020	15330	13570	2000	36040	25
	13.2	17740	15700	13360	11830	2000	31400	25
	16.6	20360	18020	15330	13570	2000	36040	25
	20.0	17740	15700	13360	11830	2000	31400	25
PDA 115 S3	54.4	20360	18020	15330	13570	2800	36040	17
	71.2	20360	18020	15330	13570	2800	36040	17
	85.7	20360	18020	15330	13570	2800	36040	17
	103.3	17740	15700	13360	11830	2800	31400	17
	116.7	17740	15700	13360	1183	2800	31400	17
	135.5	20360	18020	15330	13570	2800	36040	17
	163.3	17740	15700	13360	11830	2800	31400	17
PDA 115 S4	185.8	20360	18020	15330	13570	2800	36040	13
	224.4	20360	18020	15330	13570	2800	36040	13
	281.0	20360	18020	15330	13570	2800	36040	13
	323.8	20360	18020	15330	13570	2800	36040	13
	353.6	20360	18020	15330	13570	2800	36040	13
	394.3	20360	18020	15330	13570	2800	36040	13
	442.9	20360	18020	15330	13570	2800	36040	13
	500.0	20360	18020	15330	13570	2800	36040	13
	558.2	17740	15700	13360	11830	2800	31400	13
	580.7	20360	18020	15330	13570	2800	36040	13
	622.5	17740	15700	13360	11830	2800	31400	13
	699.2	17740	15700	13360	11830	2800	31400	13
	749.1	17740	15700	13360	11830	2800	31400	13
	812.0	17740	15700	13360	11830	2800	31400	13
	981.1	17740	15700	13360	11830	2800	31400	13

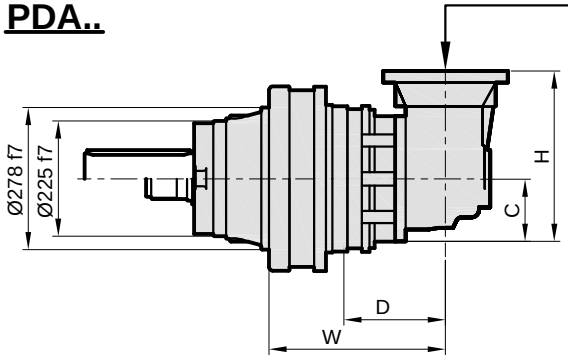
PD/PDA 115

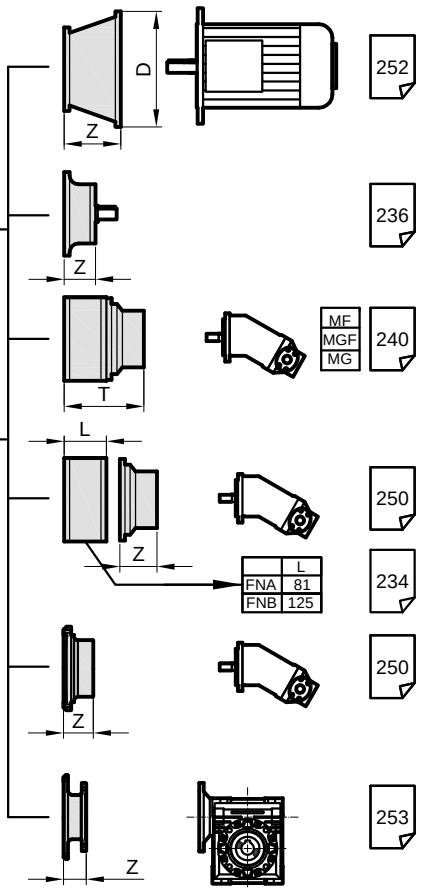


PD..



PDA..

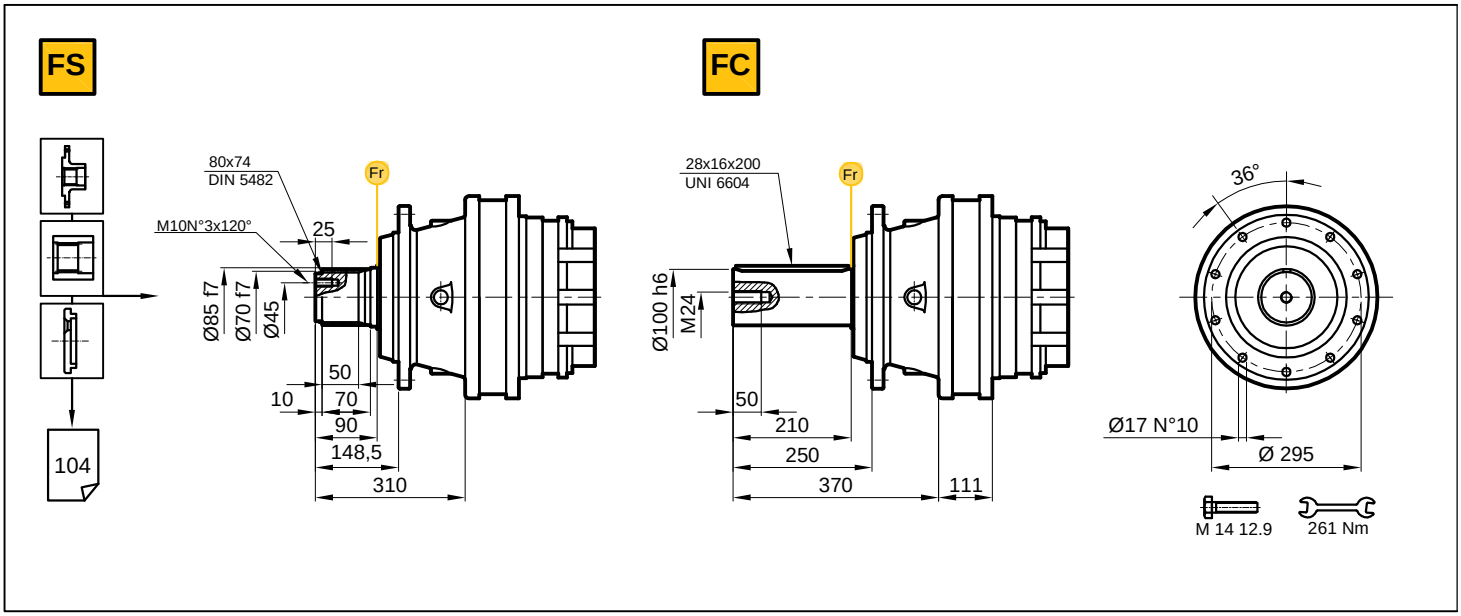


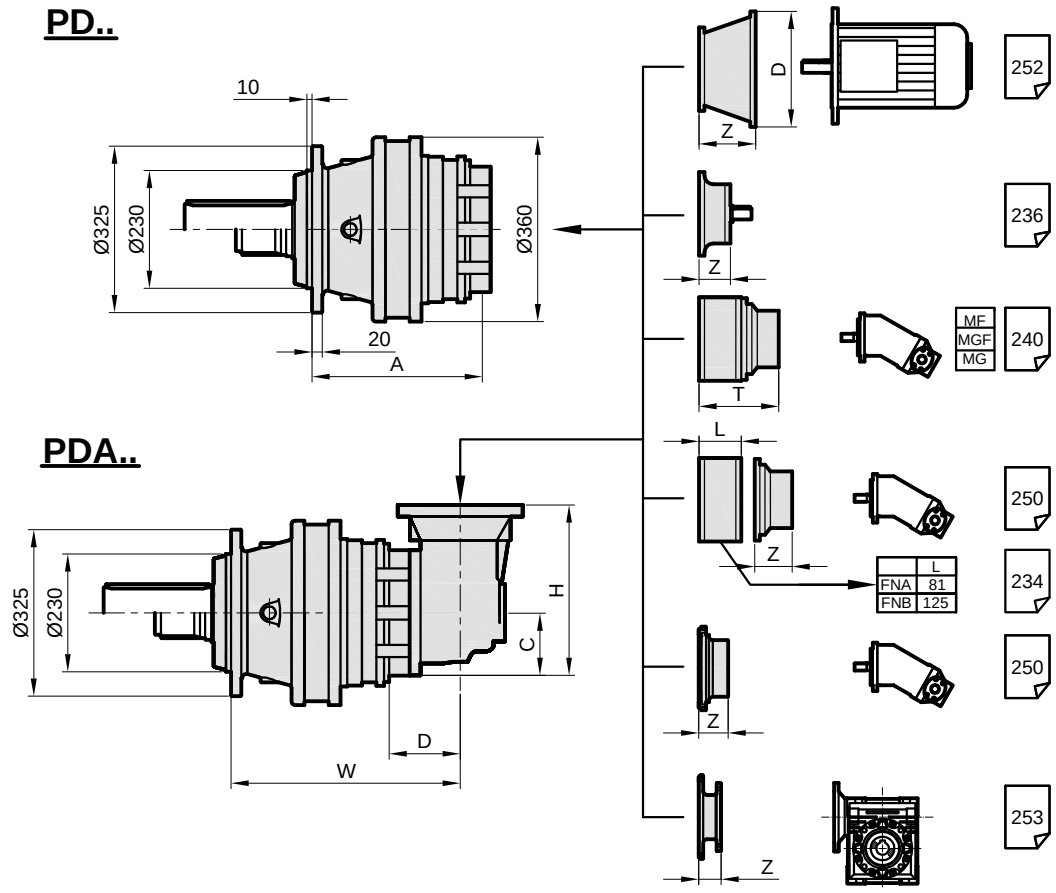


Stage	W	D	C	H	A	PD M	PDA M
S1	-	-	-	-	142	105	-
S2	230	88	140	380	213,5	121	142
S3	315	88	140	380	274,5	129	161
S4	349,5	75	93	252	322,5	135	144

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S2	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S3	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-
S4	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-

PD/PDA 115

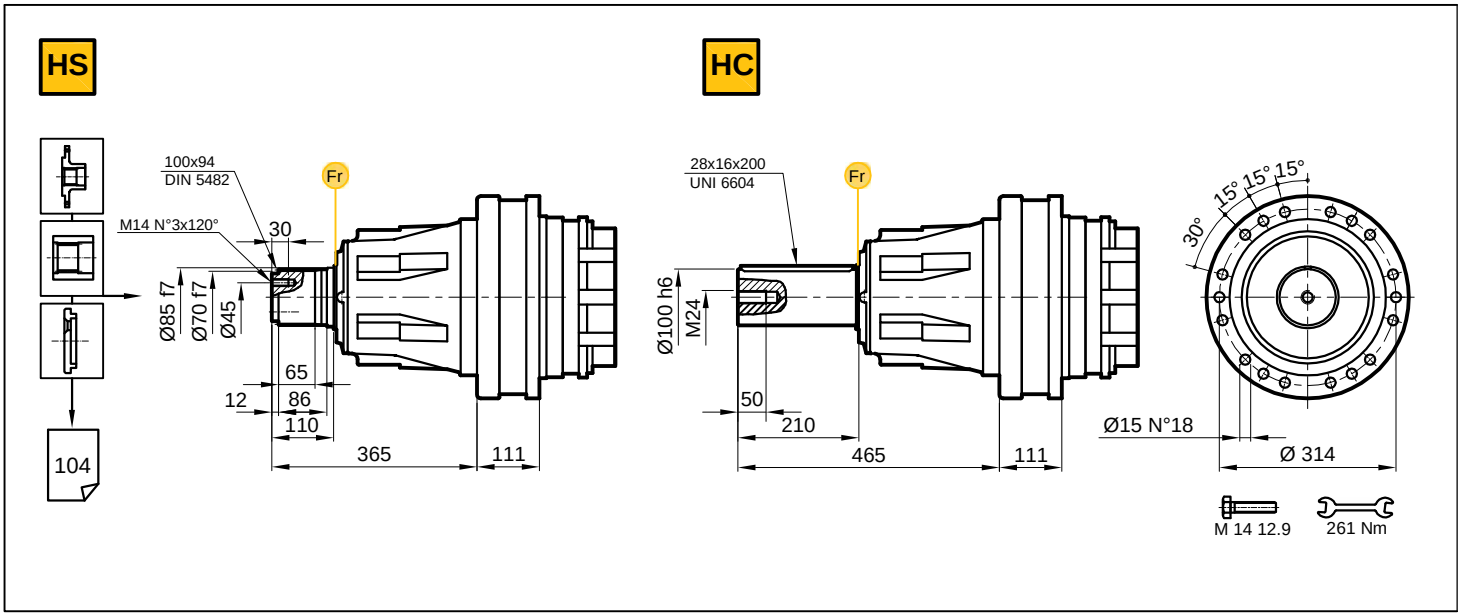


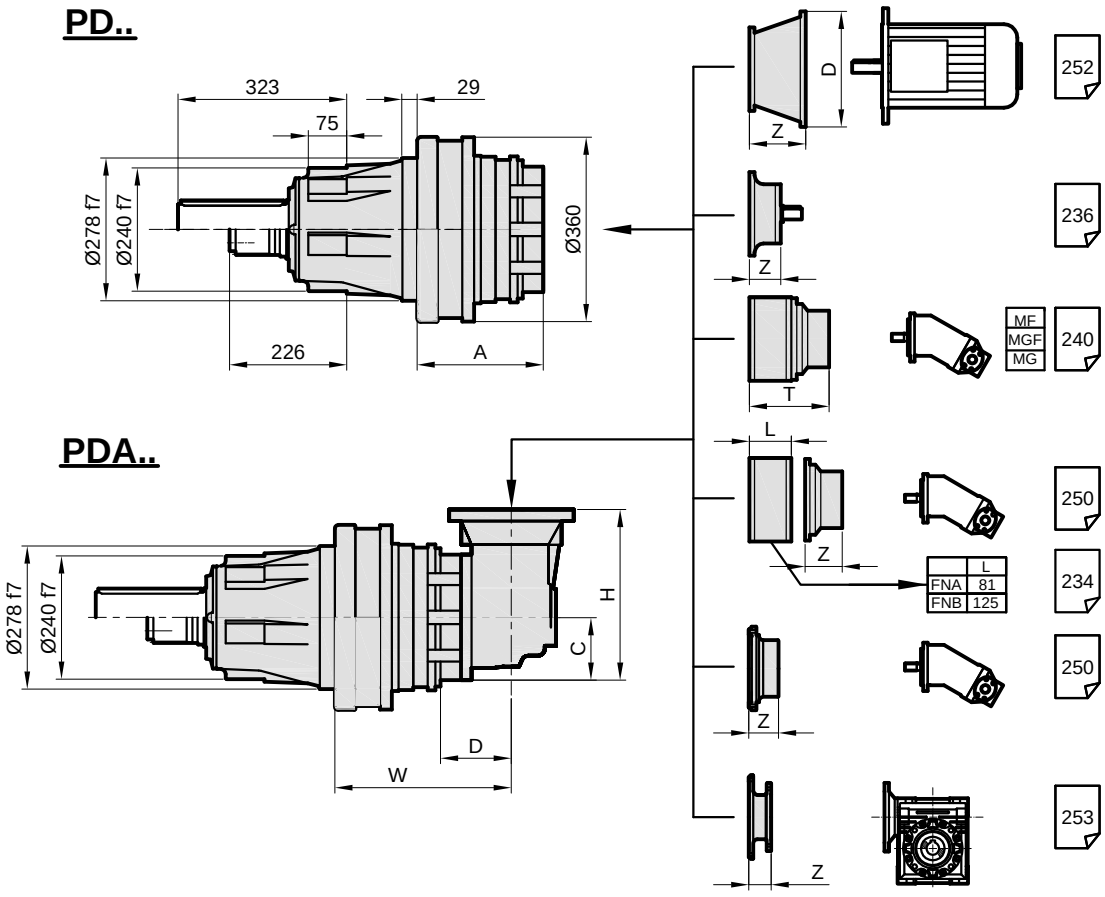


Stage	W	D	C	H	A	PD F	PDA F
S1	-	-	-	-	260	120	-
S2	348	88	140	380	331,5	136	157
S3	433	88	140	380	392,5	144	176
S4	467,5	75	93	252	440,5	150	159

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S2	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S3	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-
S4	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-

PD/PDA 115



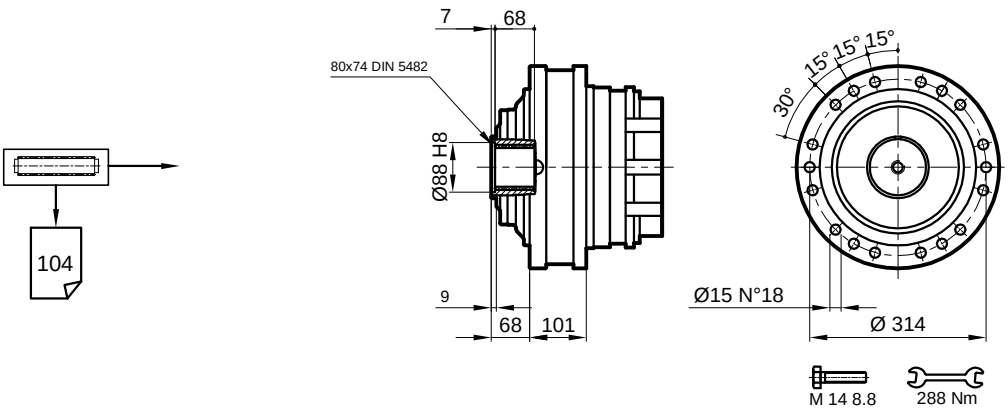


Stage	W	D	C	H	A	PD H	PDA H
S1	-	-	-	-	142	132	-
S2	230	88	140	380	213,5	148	169
S3	315	88	140	380	274,5	156	188
S4	349,5	75	93	252	322,5	162	171

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S2	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S3	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-
S4	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-

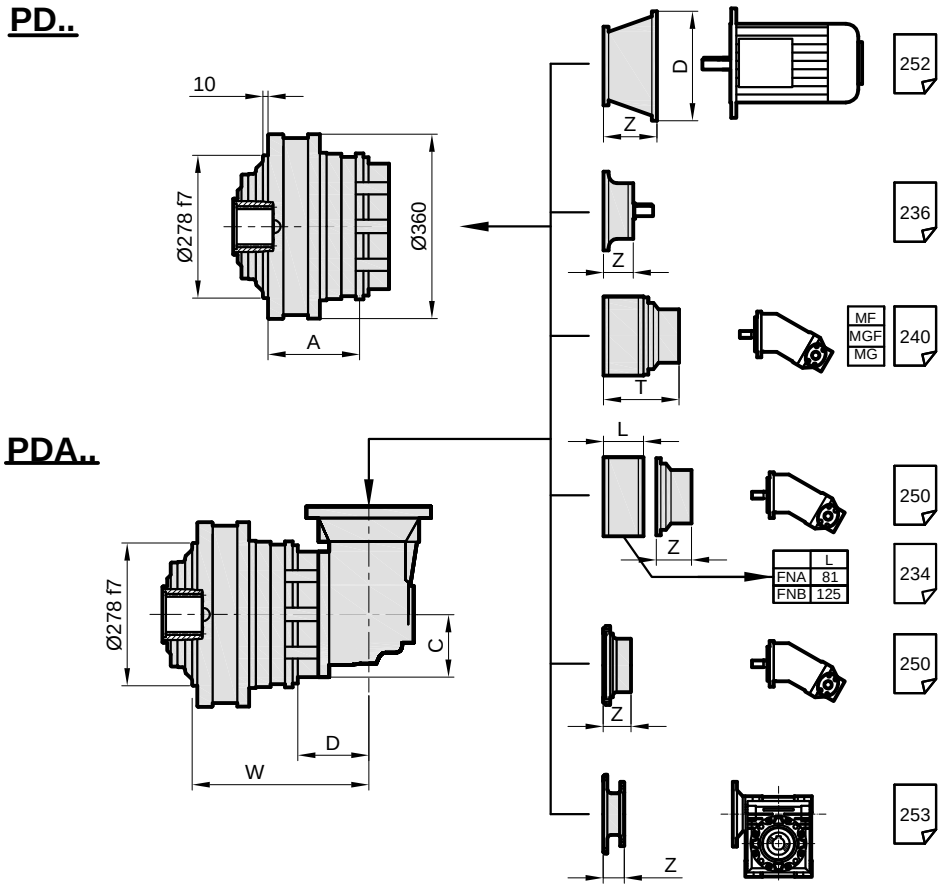
PD/PDA 115

S



PD..

PDA..

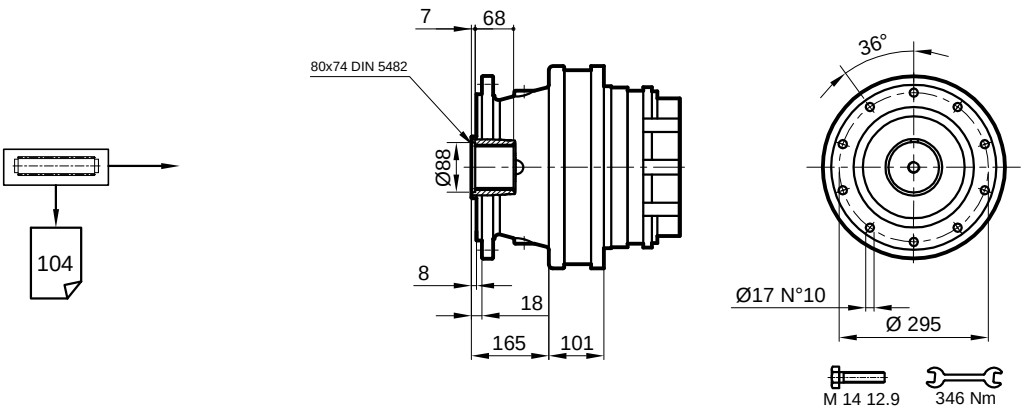


Stage	W	D	C	H	A	PD S	PDA S
S1	-	-	-	-	132	74	-
S2	220	88	140	380	203,5	90	111
S3	305	88	140	380	264,5	98	130
S4	339,5	75	93	252	312,5	104	113

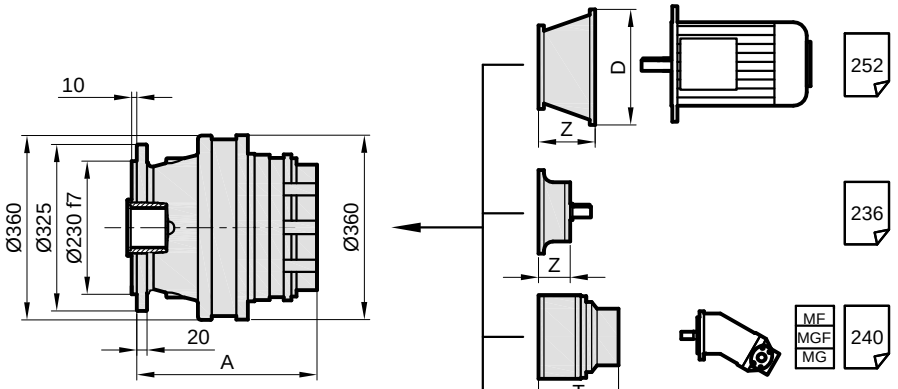
	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S2	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S3	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-
S4	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-

PD/PDA 115

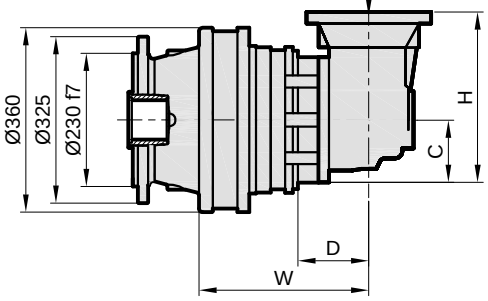
SF



PD..



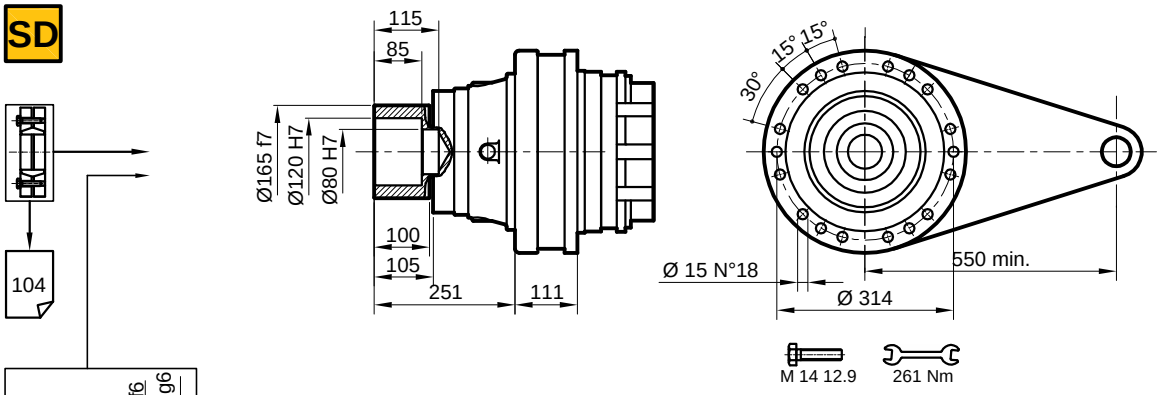
PDA..



Stage	W	D	C	H	A	PD / SF	PDA / SF
S1	-	-	-	-	142	110	-
S2	230	88	140	380	213,5	126	147
S3	315	88	140	380	274,5	134	166
S4	349,5	75	93	252	322,5	140	149

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S2	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S3	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-
S4	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-

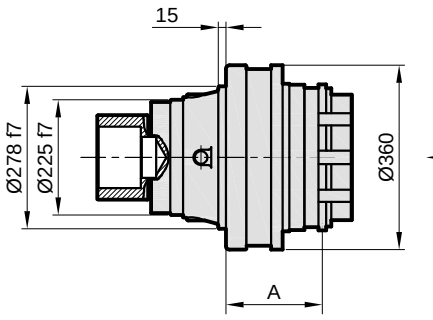
PD/PDA 115



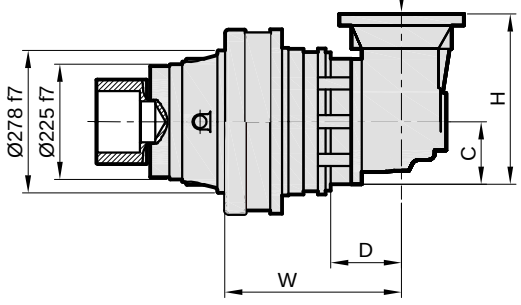
M_{max} = 35 kNm

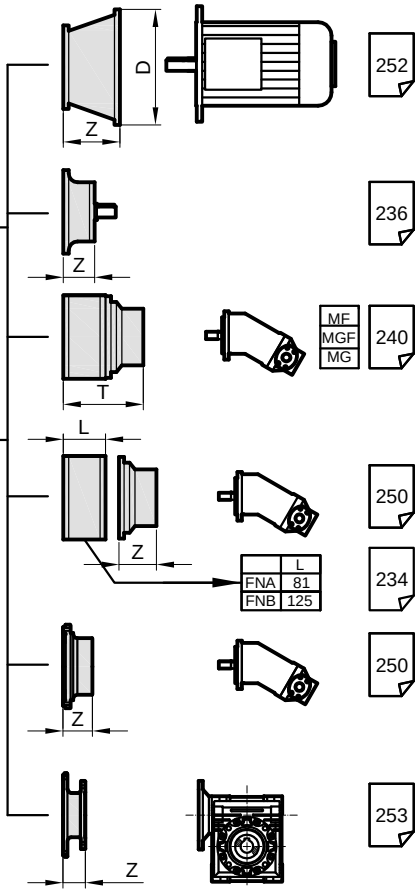
Belirtilen maksimum tork sadece PDS tarafından verilen sıkma bileziği ile mümkündür.
The maximum torque indicated is valid only with shrink discs supplied by PDS.
Das dargestellte , maximale Drehmoment gilt nur mit von PDS.

PD..



PDA..



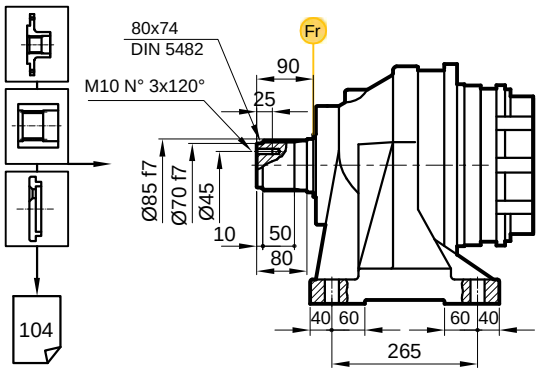


Stage	W	D	C	H	A	PD / SD	PDA / SD
S1	-	-	-	-	142	110	-
S2	230	88	140	380	213,5	126	147
S3	315	88	140	380	274,5	134	166
S4	349,5	75	93	252	322,5	140	149

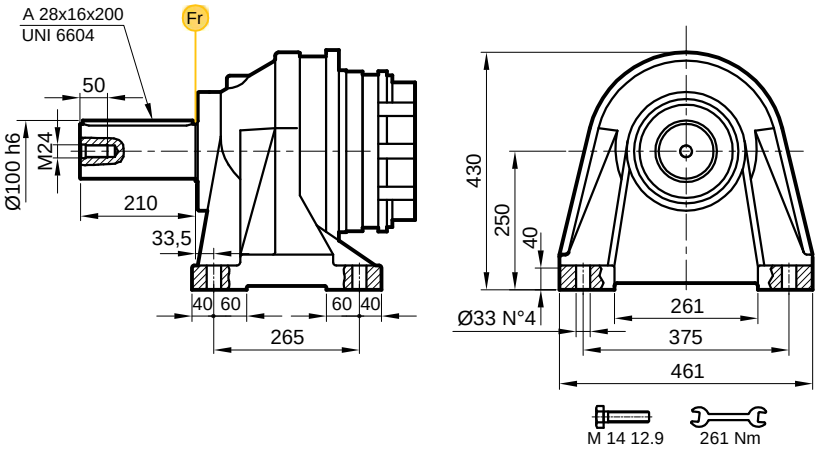
	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S2	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S3	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-
S4	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-

PD/PDA 115

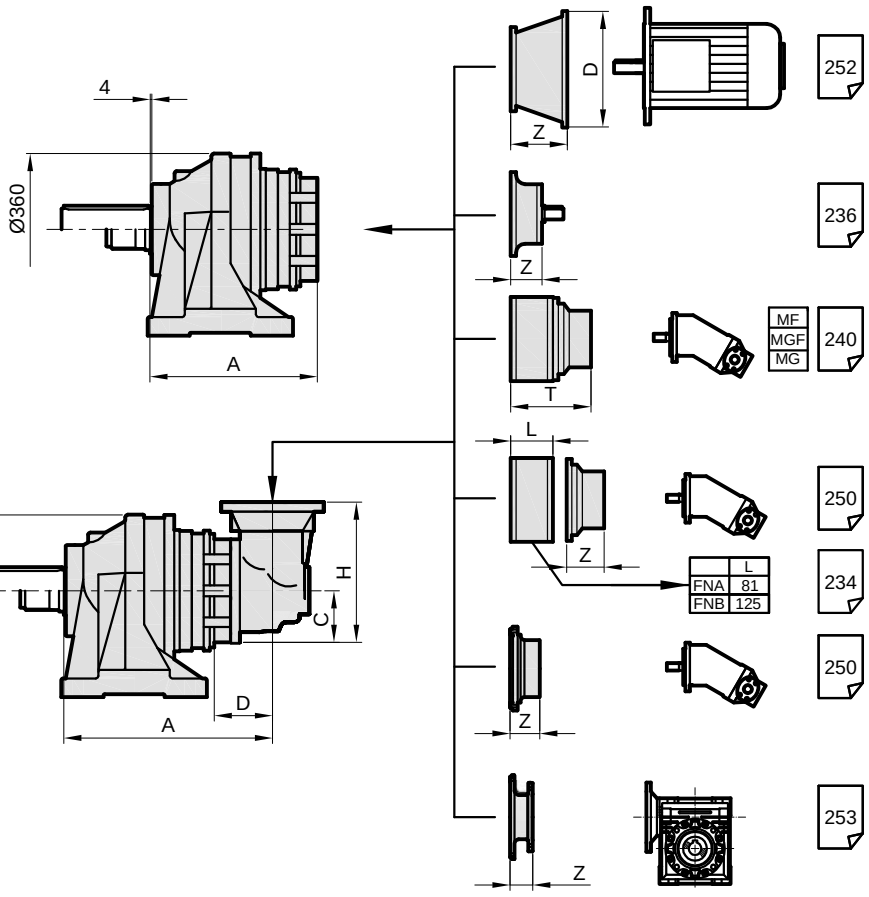
FVS



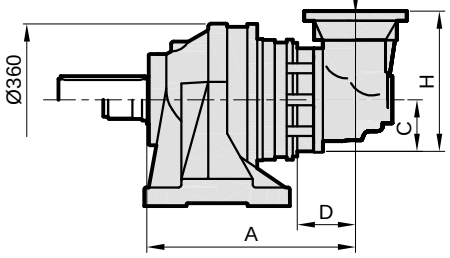
FVC



PD..



PDA..

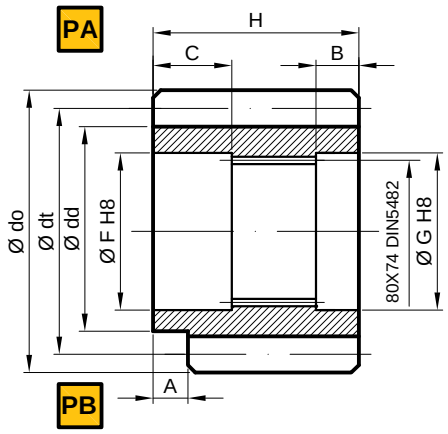


Stage	W	D	C	H	A	PD FV	PDA FV
S1	-	-	-	-	296	105	-
S2	384	88	140	380	317,5	121	142
S3	469	88	140	380	428,5	129	161
S4	503,5	75	93	252	476,5	135	144

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S2	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S3	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-
S4	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-

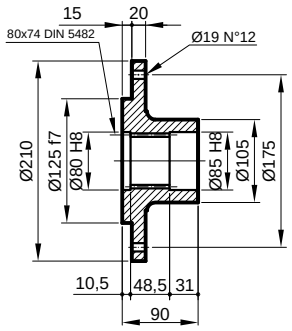
PD/PDA 115

P *Pinyon / Pinion / Ritzel*

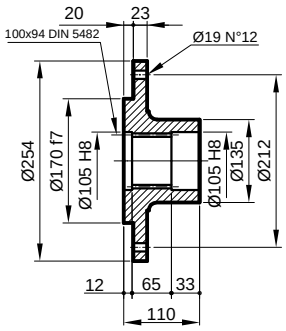


		m	z	x	dd	dt	do	H	A	B	C	F	G	Malzeme *Material* Material	Kod / Code Bestell
PA	M	10	12	0	95	120	140	90	0	10	31	85	80	38NiCrMo4	1501.113.001
PA	M	10	14	0	115	140	160	90	0	10	31	85	80	38NiCrMo4	1501.113.002
PA	P	14	13	1	161	182	224	122	0	24	33	105	105	18NiCrMo5	1501.113.003
PB	M	12	14	0,5	144	168	198	90	13	25	31	85	80	39NiCrMo3	1502.113.001

FL Flanş / *Flange* / Flansch

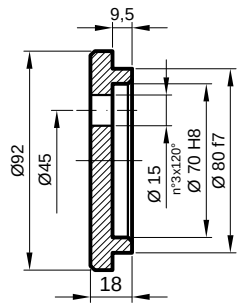


MS Kod / Code / Bestell
1505.111.200

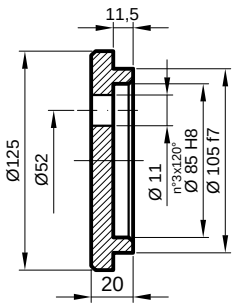


HS Kod / Code / Bestell
1506.113.201

SP Sabitleme Pulu / *Stop bottom plate* / Endscheibe



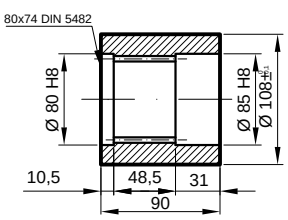
MS
Kod / Code / Bestell
1507.111.250



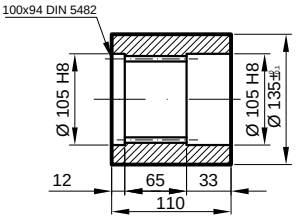
HS
Kod / Code / Bestell
1508.113.251

FK Frezeli Kaplin / *Spined bushing* Innenverzahnte Buchse

Malzeme /*Material* Material
UNI C40 / SAE 1040 / DIN Ck40

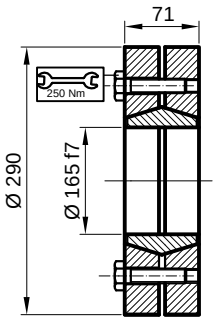


FS Kod / Code / Bestell
1503.111.100



HS Kod / Code / Bestell
1504.113.101

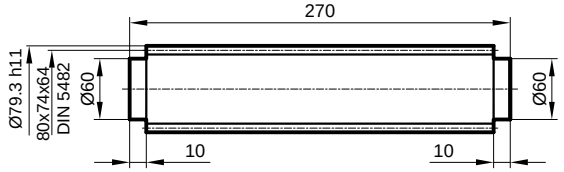
SB Sıkma Bileziği / Shrink disc Schrumpfscheibe



Maksimum tork
Max. torque
Max.Drehmoment
35 kNm

Kod / Code / Bestell
2501.113.001

FM Frezeli Mil / Splined rod Außenverzahnte Welle



Malzeme / Material
Material

UNI 39NiCrMo3
Sertleştirilmiş ve Temperlenmiş
Hardened and Tempered
Vergütet

Kod / Code /Bestell
1509.113.001

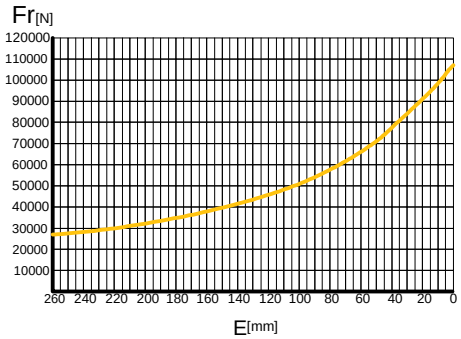
PD/PDA 115

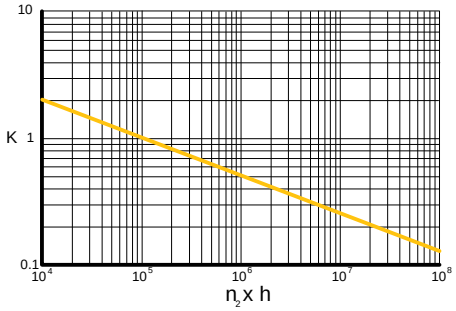
RADYAL YÜK(Fr)
Aşağıdaki diyagramlar radyal yükleri ve k faktörlerini arzu edilen n_2x h değerlerinde verir.

RADIAL LOADS(Fr)
The following curves show the radial loads and the K factors to obtain the required n_2x h value.

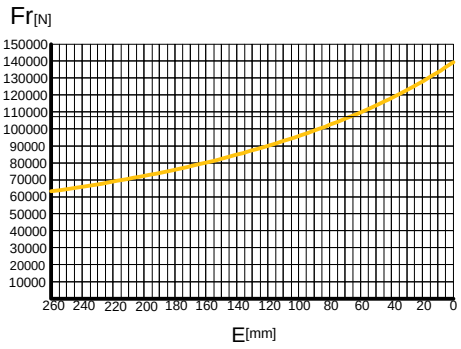
RADIALLAST (Fr)
In den nachstehenden Diagrammen ist die Radiallast und der Koeffizient K dargestellt und kann mit dem gewünschten Wert n_2x h verglichen werden.

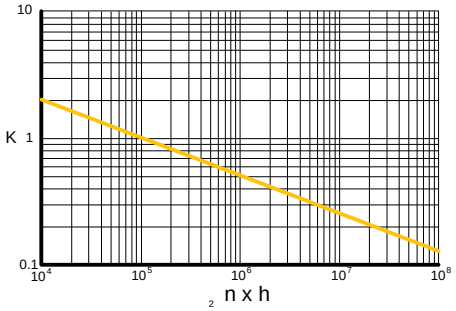
M-FV



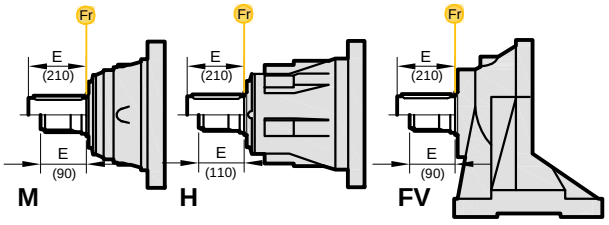


H





	nxh				
	10^5	10^4	10^6	10^7	10^8
M-H	Fr	Fr . K			
FV	Fr .0,75	Fr . K . 0,75			

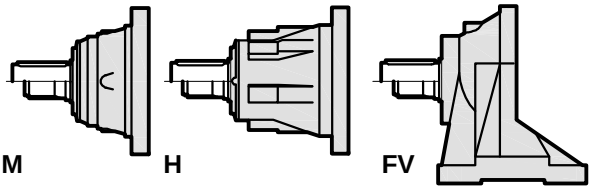


AKSİYEL YÜKLER (Fa)
Tablodaki aksiyel yük değerleri çıkış tipi ve tatbik edilen yük yönünde verilmiştir.

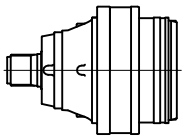
AXIAL LOADS (Fa)
The values of the awial loads in the table refer to the output versions and load directions of application.

AXIALLAST (Fa)
Die dargestellten Werte der Axiallast basieren auf der Version und der applizierten Lastrichtung.

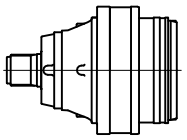
Fa [N]	M-CPC	H	
	45000	85000	←
	65000	85000	→



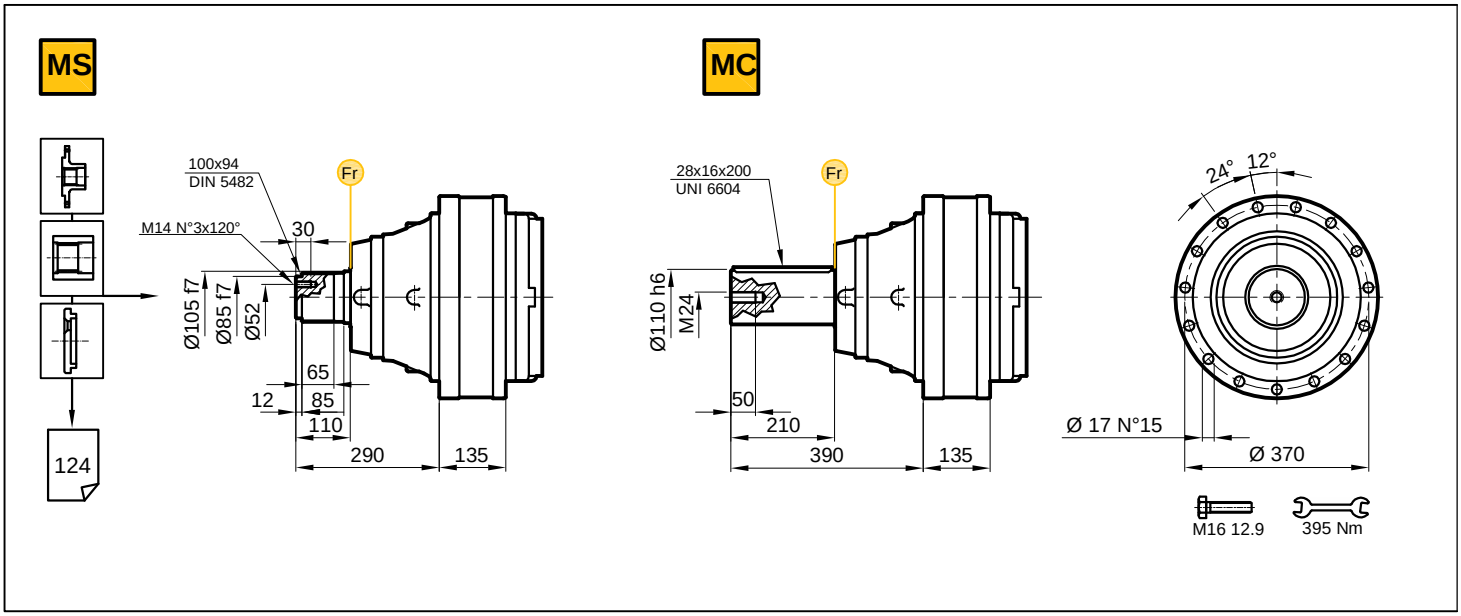
PD 117

	i	T_2 [Nm]				n_{1max} [min^{-1}]	T_{2max} [Nm]	P_t [kW]
		$n_2$xh						
		10 000	20 000	50 000	100 000			
PD 117 S1	4.00	34750	30760	26180	23170	1500	61520	50
	5.20	26870	23780	20240	17910	1500	47560	50
	6.25	20730	18350	15620	13820	1500	36700	50
PD 117 S2	14.6	34750	30760	26180	23170	2800	61520	30
	17.7	34750	30760	26180	23170	2800	61520	30
	20.0	34750	30760	26180	23170	2800	61520	30
	23.0	26870	23780	20240	17910	2800	47560	30
	26.0	26870	23780	20240	17910	2800	47560	30
	30.1	26870	23780	20240	17910	2800	47560	30
	36.2	20730	18350	15620	13820	2800	36700	30
	43.7	20730	18350	15620	13820	2800	36700	30
PD 117 S3	55.4	34750	30760	26180	23170	2800	61520	20
	60.5	34750	30760	26180	23170	2800	61520	20
	73.0	34750	30760	26180	23170	2800	61520	20
	88.0	34750	30760	26180	23170	2800	61520	20
	95.0	26870	23780	20240	17910	2800	47560	20
	106.3	34750	30760	26180	23170	2800	61520	20
	114.4	26870	23780	20240	17910	2800	47560	20
	128.4	34750	30760	26180	23170	2800	61520	20
	134.3	26870	23780	20240	17910	2800	47560	20
	156.0	26870	23780	20240	17910	2800	47560	20
	167.0	26870	23780	20240	17910	2800	47560	20
	188.5	26870	23780	20240	17910	2800	47560	20
	218.6	26870	23780	20240	17910	2800	47560	20
	226.5	20730	18350	15620	13820	2800	36700	20
	262.8	20730	18350	15620	13820	2800	36700	20
	317.1	20730	18350	15620	13820	2800	36700	20
PD 117 S4	338.7	34750	30760	26180	23170	2800	61520	15
	373.9	34750	30760	26180	23170	2800	61520	15
	408.3	34750	30760	26180	23170	2800	61520	15
	424.3	34750	30760	26180	23170	2800	61520	15
	455.5	34750	30760	26180	23170	2800	61520	15
	493.2	34750	30760	26180	23170	2800	61520	15
	556.8	34750	30760	26180	23170	2800	61520	15
	617.7	34750	30760	26180	23170	2800	61520	15
	697.4	34750	30760	26180	23170	2800	61520	15
	752.2	26840	23760	20220	17900	2800	47560	15
	803.0	26840	23760	20220	17900	2800	47560	15
	873.6	26840	23760	20220	17900	2800	47560	15
	934.9	26840	23760	20220	17900	2800	47560	15
	1013.3	26840	23760	20220	17900	2800	47560	15
	1126.9	26840	23760	20220	17900	2800	47560	15
	1272.3	26840	23760	20220	17900	2800	47560	15
	1354.4	20730	18350	15620	13820	2800	36700	15
	1475.9	26840	23760	20220	17900	2800	47560	15
	1529.3	20730	18350	15620	13820	2800	36700	15
	1773.9	20730	18350	15620	13820	2800	36700	15
PD 117 S5	840	34750	30760	26180	23170	1500	61520	11
	1012	34750	30760	26180	23170	1500	61520	11
	1220	34750	30760	26180	23170	1500	61520	11
	1316	26870	23780	20240	17910	2800	47560	11
	1438	26870	23780	20240	17910	2800	47560	11
	1627	26870	23780	20240	17910	2800	47560	11
	2457	26870	23780	20240	17910	2800	47560	11

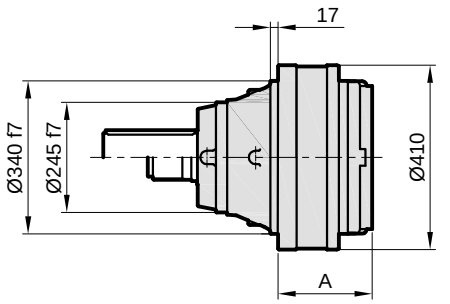
PDA 117

	i	T_2 [Nm]				n_{1max} [min^{-1}]	T_{2max} [Nm]	P_t [kW]
		$n_2$xh						
		10 000	20 000	50 000	100 000			
PDA 117 S2	12.2	34750	30760	26180	23170	2000	61520	30
	15.9	26870	23780	20240	17910	2000	47560	30
	19.1	20730	18350	15620	13820	2000	36700	30
	24.2	26870	23780	20240	17910	2000	47560	30
	29.1	20730	18350	15620	13820	2000	36700	30
PDA 117 S3	50.6	34750	30760	26180	23170	2800	61520	20
	61.2	34750	30760	26180	23170	2800	61520	20
	69.0	34750	30760	26180	23170	2800	61520	20
	79.5	26870	23780	20240	17910	2800	47560	20
	89.8	26870	23780	20240	17910	2800	47560	20
	96.4	34750	30760	26180	23170	2800	61520	20
	104.1	26870	23780	20240	17910	2800	47560	20
	125.3	26870	23780	20240	17910	2800	47560	20
	141.5	26870	23780	20240	17910	2800	47560	20
	164.2	26870	23780	20240	17910	2800	47560	20
	197.3	20730	18350	15620	13820	2800	36700	20
	238.1	20730	18350	15620	13820	2800	36700	20
PDA 117 S4	252.4	34750	30760	26180	23170	2800	61520	15
	284.9	34750	30760	26180	23170	2800	61520	15
	303.9	34750	30760	26180	23170	2800	61520	15
	364.3	34750	30760	26180	23170	2800	61520	15
	397.8	34750	30760	26180	23170	2800	61520	15
	449.1	34750	30760	26180	23170	2800	61520	15
	498.2	34750	30760	26180	23170	2800	61520	15
	562.5	34750	30760	26180	23170	2800	61520	15
	651.1	26870	23780	20240	17910	2800	47560	15
	731.3	26870	23780	20240	17910	2800	47560	15
	789.4	34750	30760	26180	23170	2800	61520	15
	985.2	26870	23780	20240	17910	2800	47560	15
	1190.4	26870	23780	20240	17910	2800	47560	15
	1430.8	20730	18350	15620	13820	2800	36700	15
	1726.8	20730	18350	15620	13820	2800	36700	15

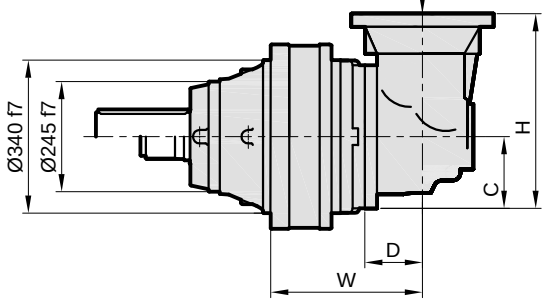
PD/PDA 117

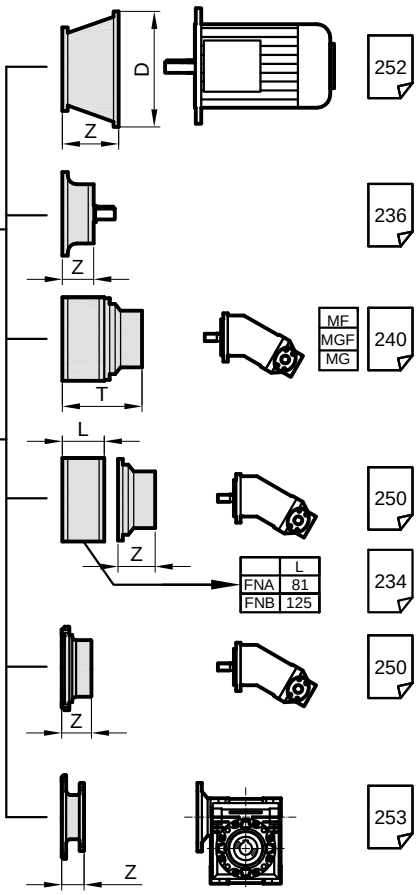


PD..



PDA..



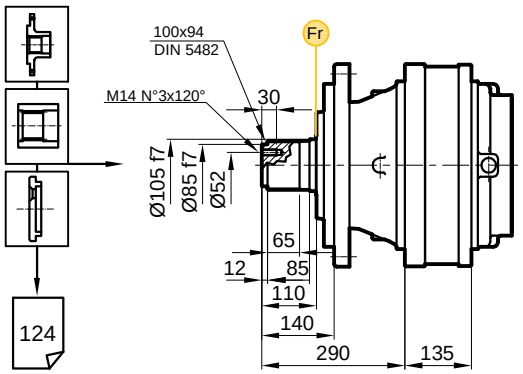


Stage	W	D	C	H	A	PD M	PDA M
S1	-	-	-	-	217	183	-
S2	297	88	235	550	311	210	279
S3	399	88	140	380	370,5	222	247
S4	472	88	140	380	418,5	228	262

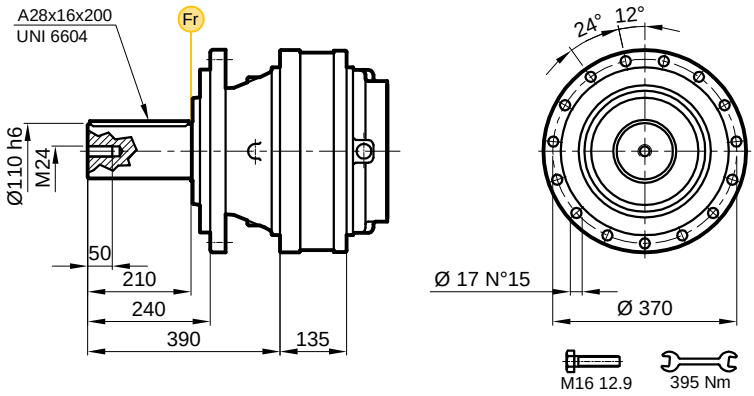
	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S1	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S2	-	-	-	-	-	-	300	104	350	120	400	148	450	148	550	183
S3	185	32	200	60	250	71	300	104	350	120	400	148	450	148	-	-
S4	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-

PD/PDA 117

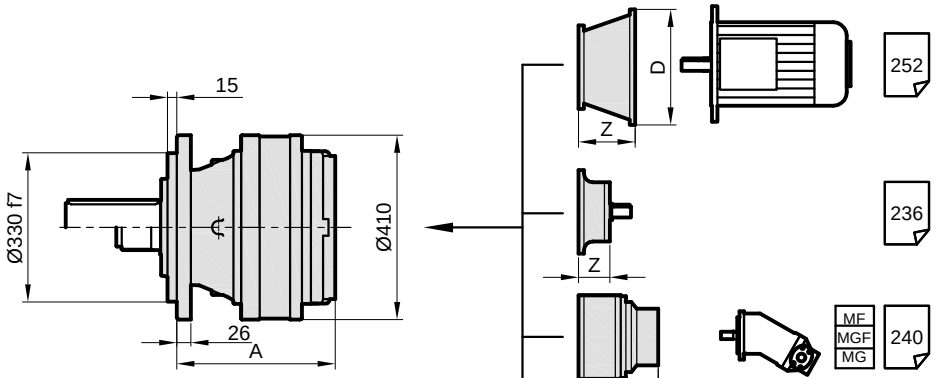
FS



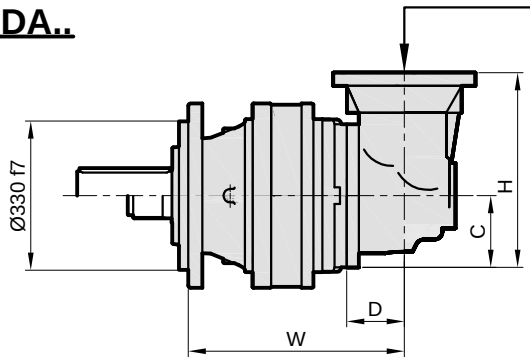
FC

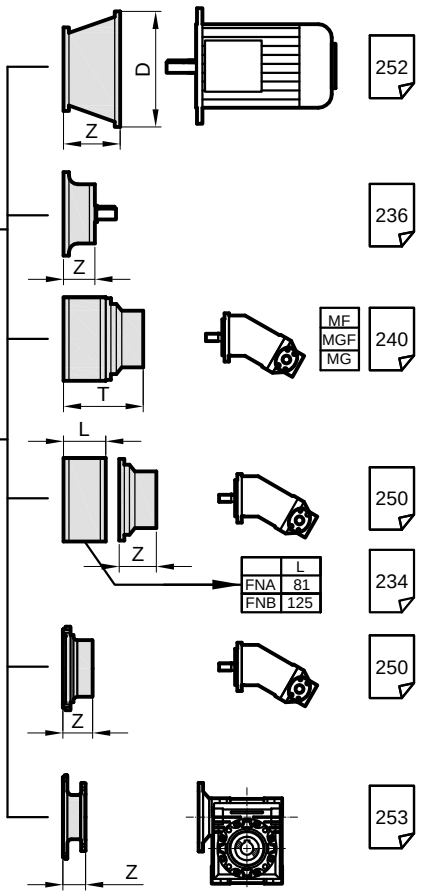


PD..



PDA..



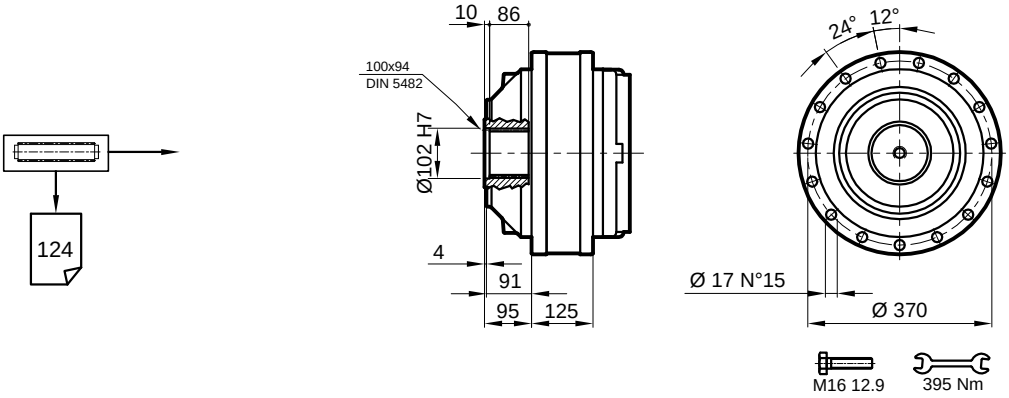


Stage	W	D	C	H	A	PD F	PDA F
S1	-	-	-	-	371	206	-
S2	451	88	235	550	465	233	302
S3	553	88	140	380	524,5	245	270
S4	626	88	140	380	572,5	251	285

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S1	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S2	-	-	-	-	-	-	300	104	350	120	400	148	450	148	550	183
S3	185	32	200	60	250	71	300	104	350	120	400	148	450	148	-	-
S4	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-

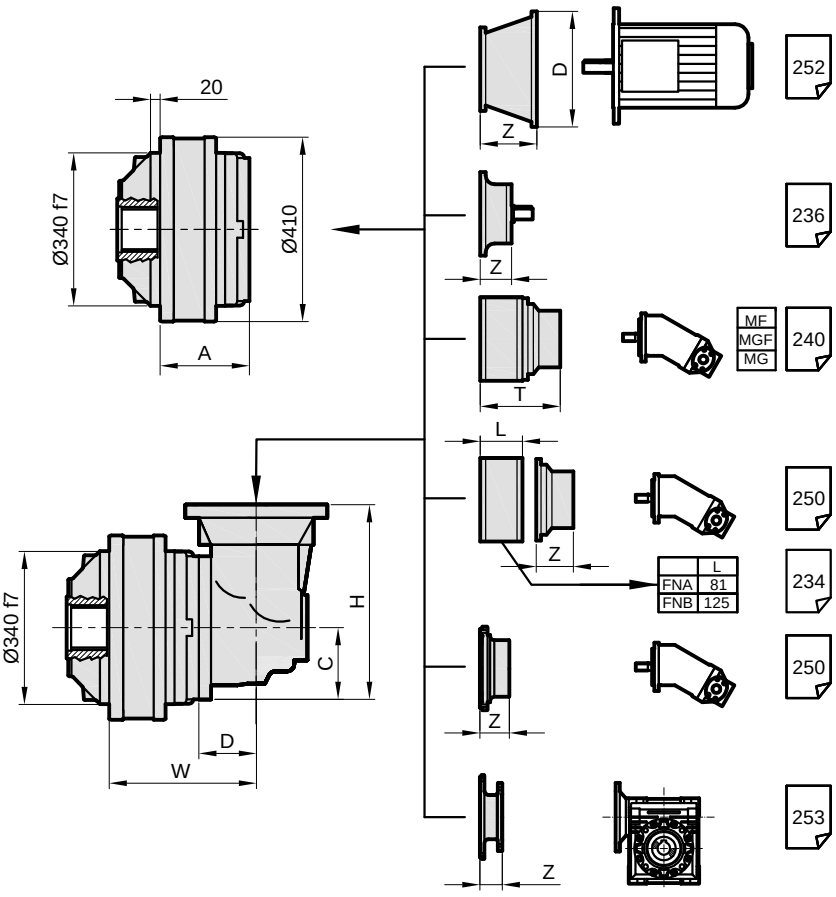
PD/PDA 117

S



PD..

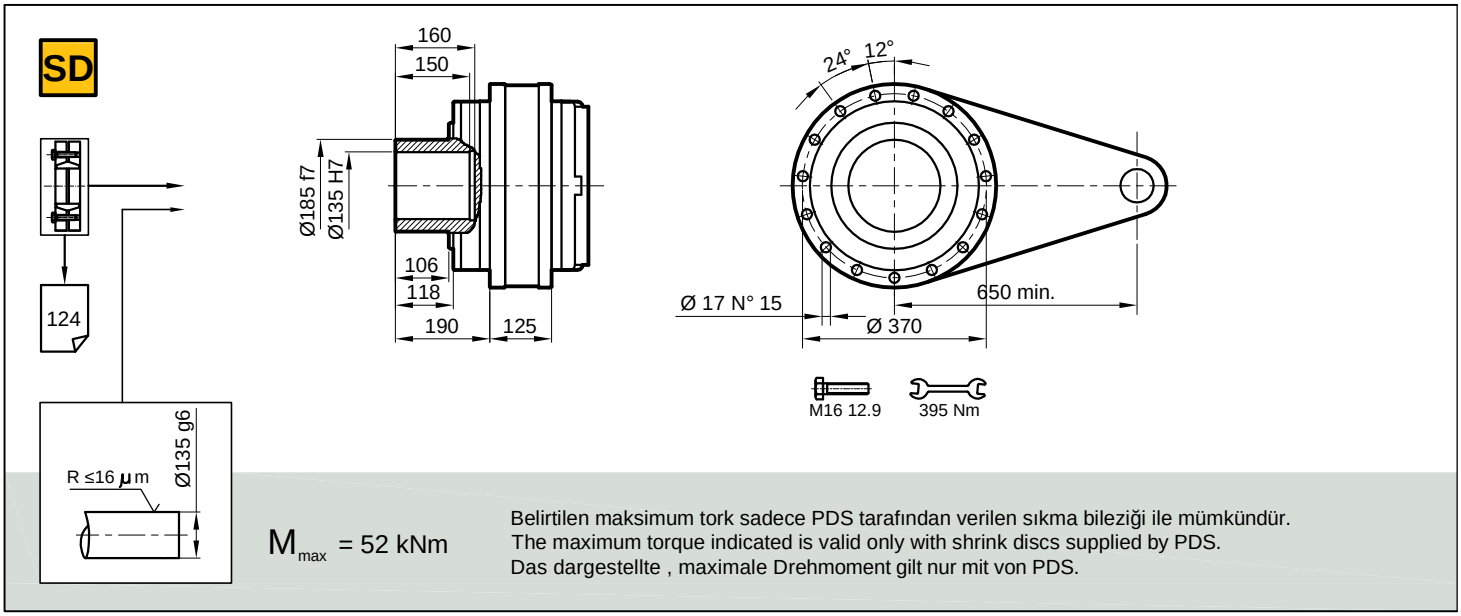
PDA..



Stage	W	D	C	H	A	PD S	PDA S
S1	-	-	-	-	207	147	-
S2	287	88	235	550	301	174	242
S3	389	88	140	380	360,5	186	211
S4	462	88	140	380	408,5	192	226

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S1	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S2	-	-	-	-	-	-	300	104	350	120	400	148	450	148	550	183
S3	185	32	200	60	250	71	300	104	350	120	400	148	450	148	-	-
S4	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-

PD/PDA 117

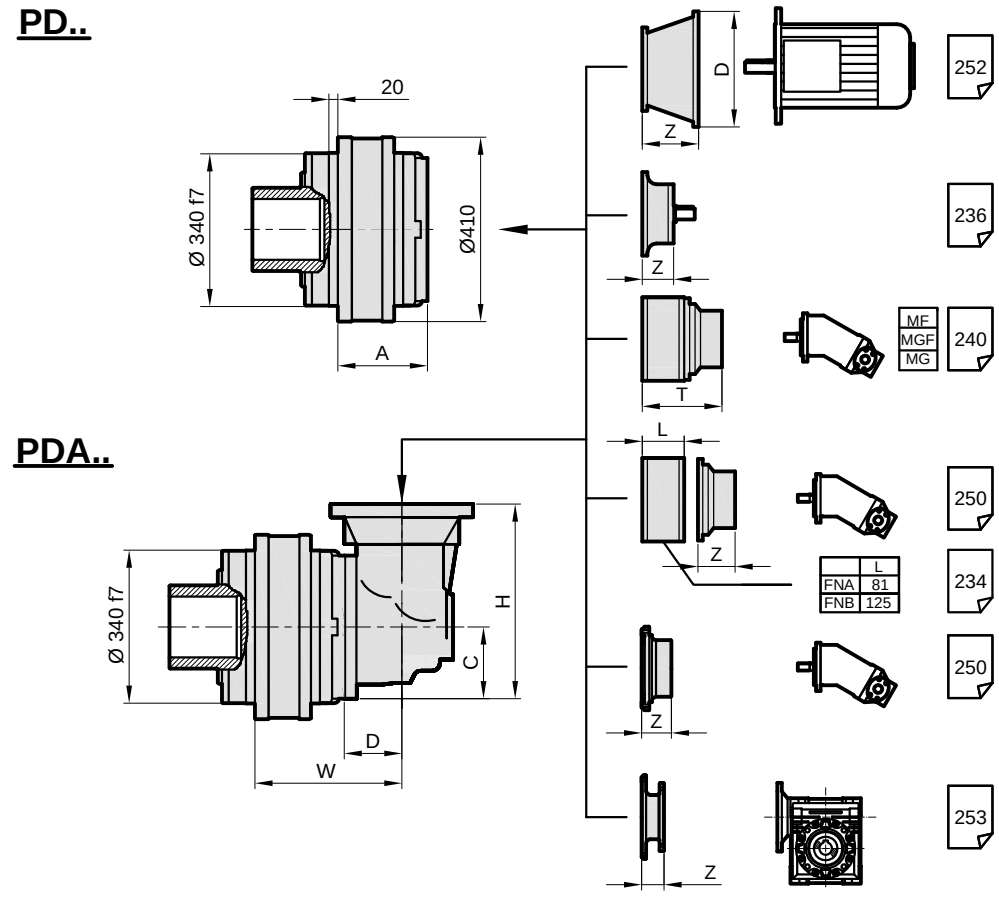


M_{max} = 52 kNm

Belirtilen maksimum tork sadece PDS tarafından verilen sıkma bileziği ile mümkündür.
The maximum torque indicated is valid only with shrink discs supplied by PDS.
Das dargestellte , maximale Drehmoment gilt nur mit von PDS.

PD..

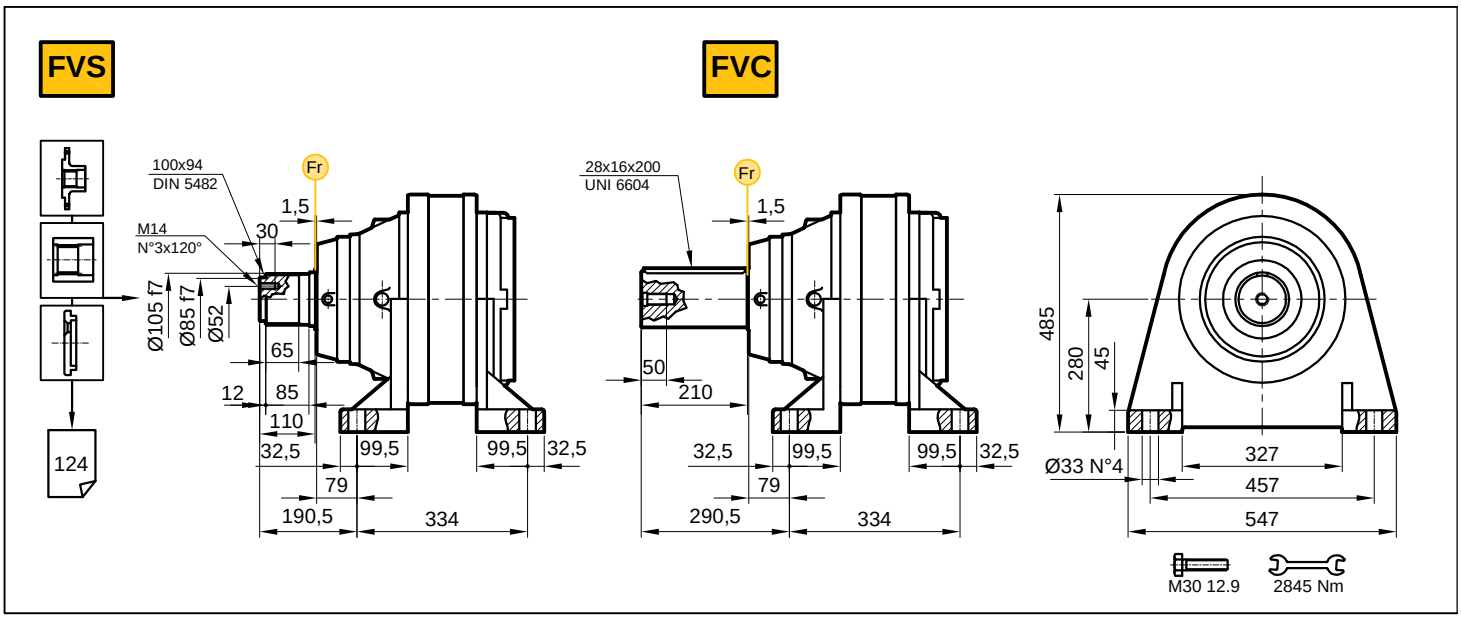
PDA..

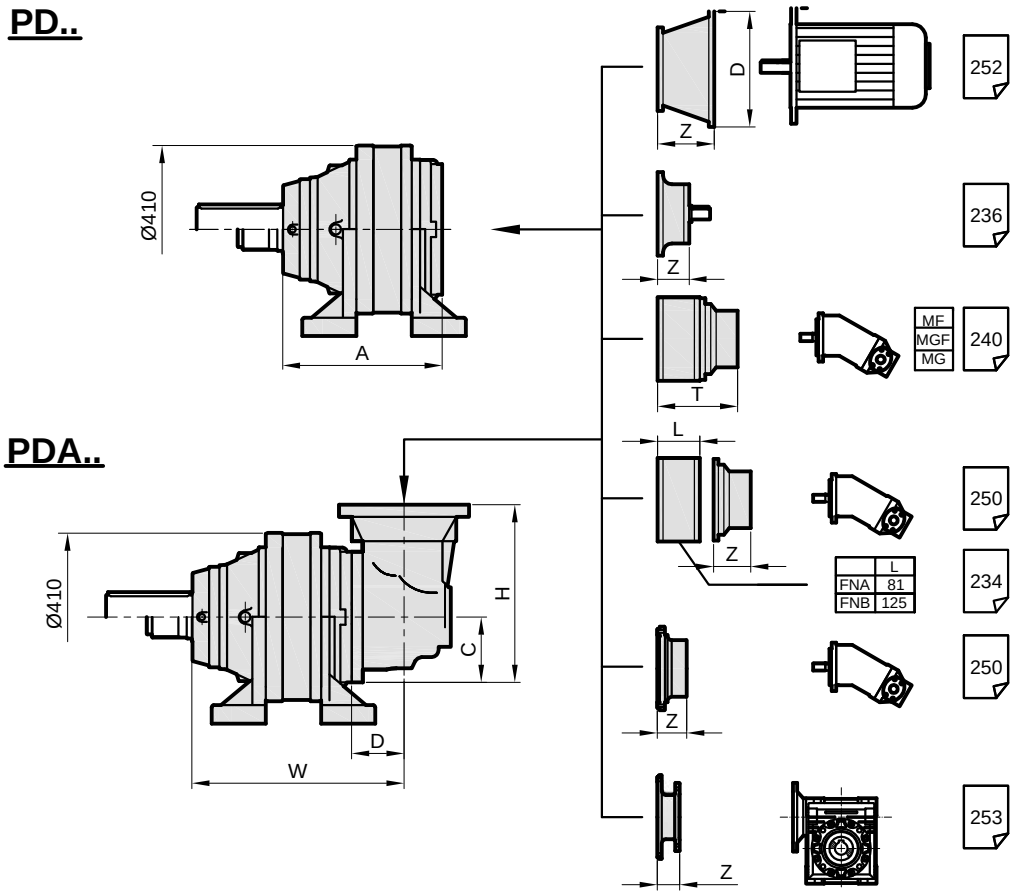


Stage	W	D	C	H	A	PD SD	PDA SD
S1	-	-	-	-	207	155	-
S2	287	88	235	550	301	182	250
S3	389	88	140	380	360,5	194	219
S4	462	88	140	380	408,5	200	234

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S1	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S2	-	-	-	-	-	-	300	104	350	120	400	148	450	148	550	183
S3	185	32	200	60	250	71	300	104	350	120	400	148	450	148	-	-
S4	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-

PD/PDA 117



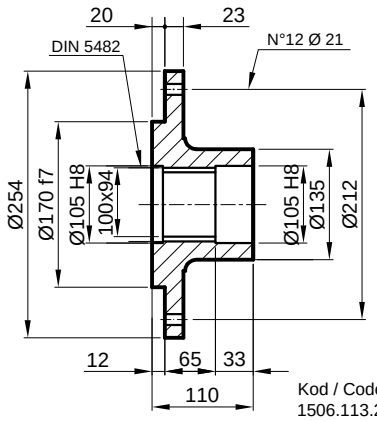


Stage	W	D	C	H	A	PD / FVC	PDA / FVC
S1	-	-	-	-	397	244	-
S2	477	88	235	550	491	271	340
S3	579	88	140	380	550,5	283	308
S4	638,5	88	140	380	598,5	289	323

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S1	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S2	-	-	-	-	-	-	300	104	350	120	400	148	450	148	550	183
S3	185	32	200	60	250	71	300	104	350	120	400	148	450	148	-	-
S4	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-

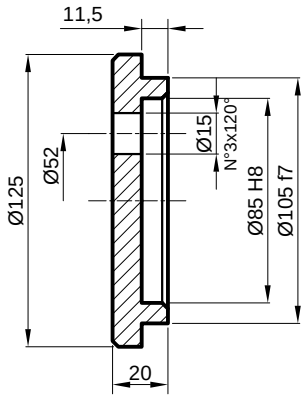
PD/PDA 117

FL Flanş / *Flange* / Flansch



Kod / Code / Bestell
1506.113.201

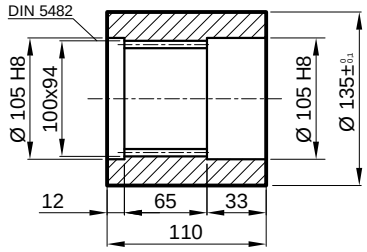
SP Sabitleme Pulu / *Stop bottom plate* / Endscheibe



Kod / Code / Bestell
1508.113.251

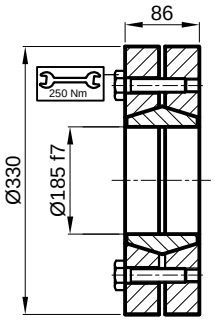
FK Frezeli Kaplin / *Spined bushing* Innenverzahnte Buchse

Malzeme /*Material* Material
UNI C40
SAE 1040
DIN Ck40



Kod / Code / Bestell
1504.113.101

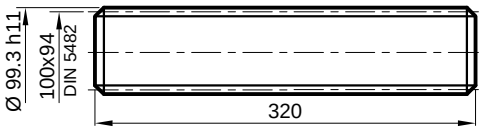
SB Sıkma Bileziği / Shrink disc Schrumpfscheibe



Maksimum tork
Max. torque
Max.Drehmoment
52 kNm

Kod / Code / Bestell
2501.117.001

FM Frezeli Mil / Splined rod Außenverzahnte Welle



Malzeme / Material
Material

UNI 39NiCrMo5
Sertleştirilmiş ve Temperlenmiş
Hardened and Tempered
Vergütet

Kod / Code / Bestell
1509.117.260

PD/PDA 117

RADYAL YÜK(Fr)

Aşağıdaki diyagramlar radyal yükleri ve k faktörlerini arzu edilen n_2x h değerlerinde verir.

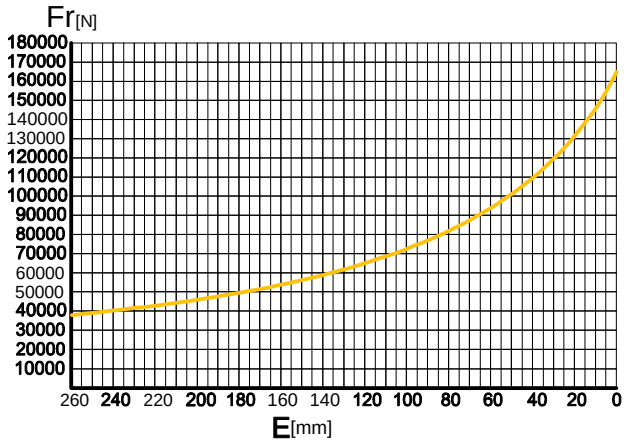
RADIAL LOADS(Fr)

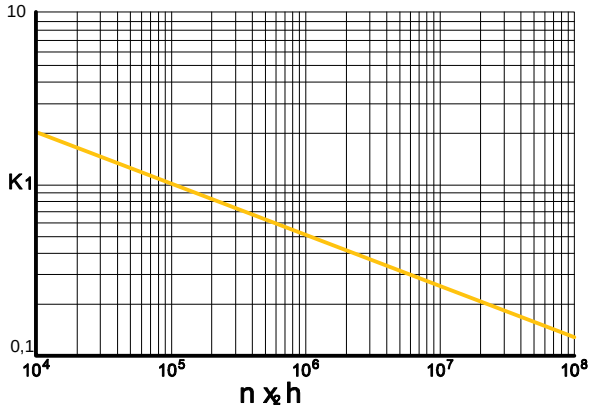
The following curves show the radial loads and the K factors to obtain the required n_2x h value.

RADIALLAST (Fr)

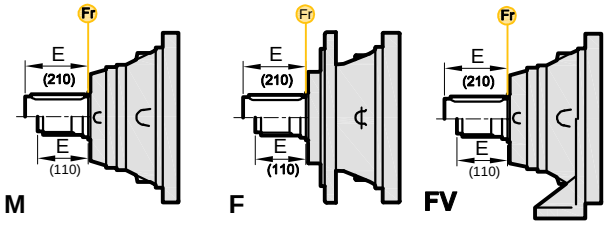
In den nachstehenden Diagrammen ist die Radiallast und der Koeffizient K dargestellt und kann mit dem gewünschten Wert n_2x h verglichen werden.

M-F-FV





	nxh				
	10^5	10^4	10^6	10^7	10^8
M-F	Fr	Fr . K			
FV	Fr .0,75	Fr . K . 0,75			



AKSİYEL YÜKLER (Fa)

Tablodaki aksiyel yük değerleri çıkış tipi ve tatbik edilen yük yönünde verilmiştir.

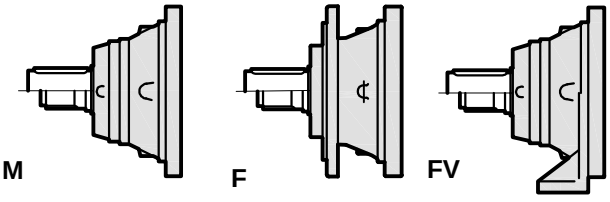
AXIAL LOADS (Fa)

The values of the awial loads in the table refer to the output versions and load directions of application.

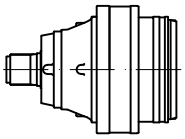
AXIALLAST (Fa)

Die dargestellten Werte der Axiallast basieren auf der Version und der applizierten Lastrichtung.

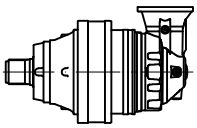
Fa [N]	M-F	FV	
	75000	75000	←
	95000	95000	→



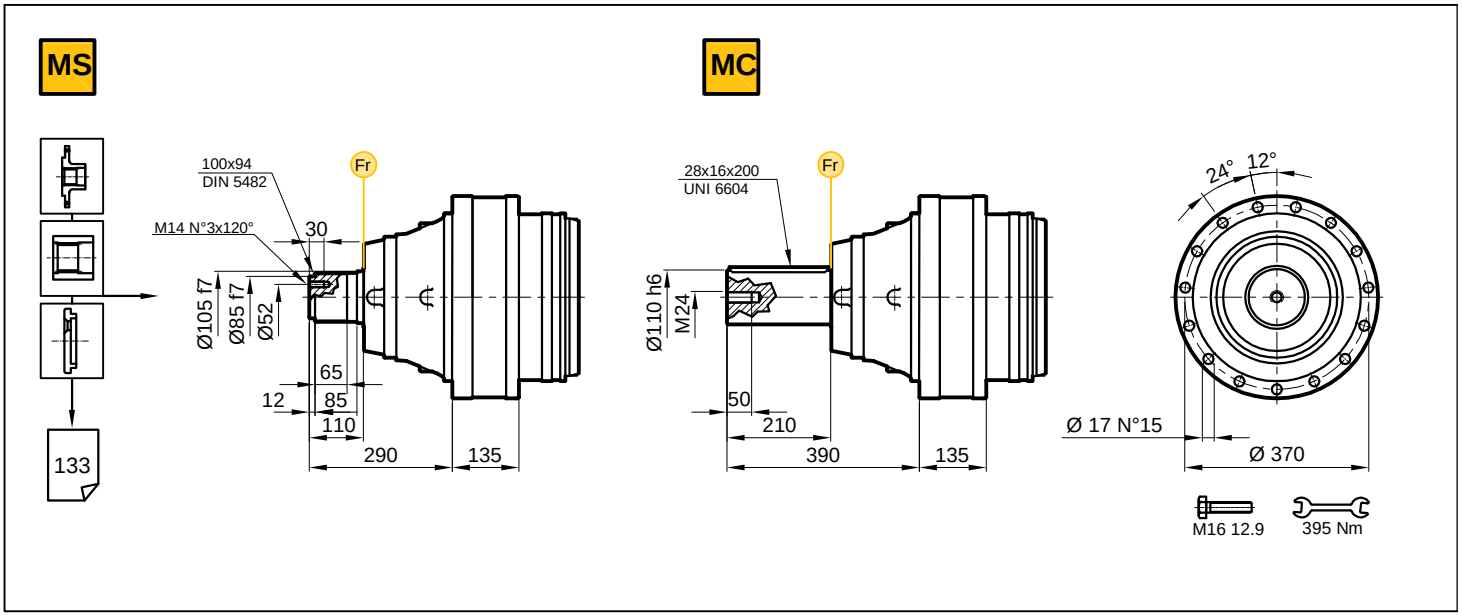
PD 119

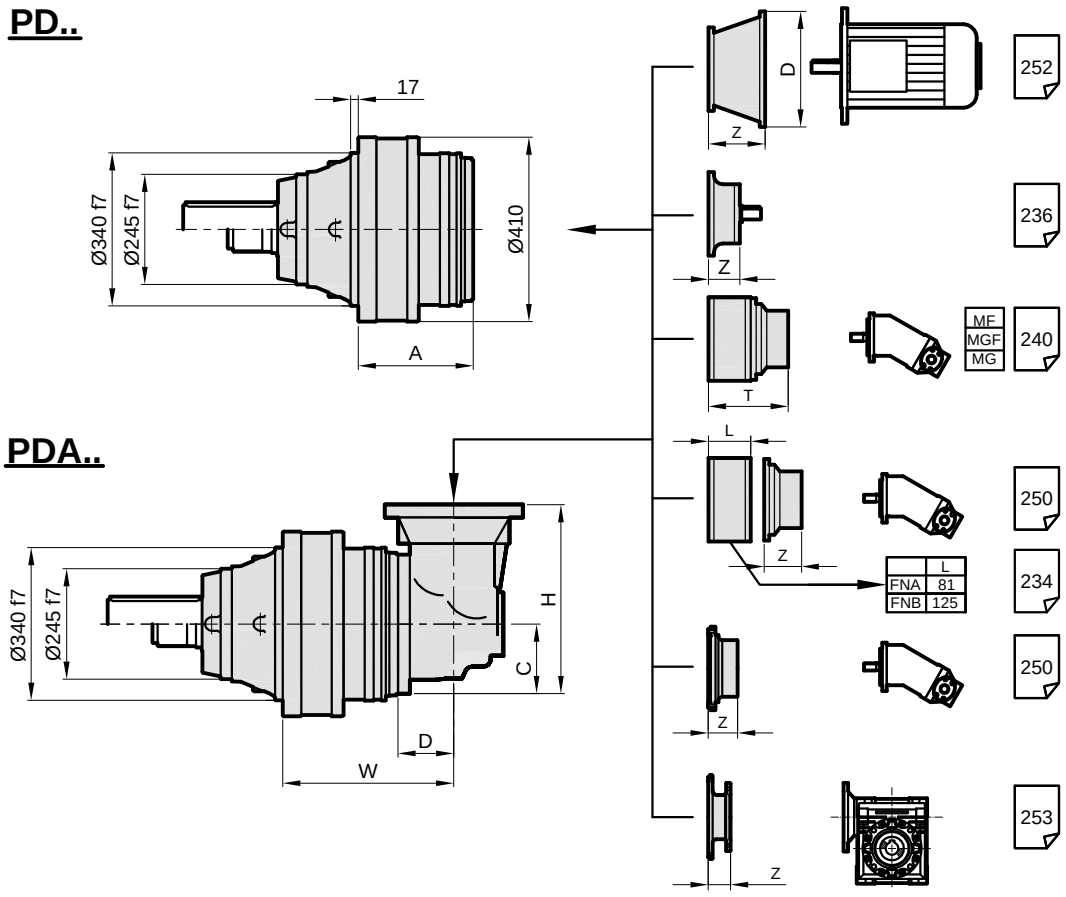
	i	T_2[Nm] $n_2$xh				n_{1max} [min^{-1}]	T_{2max} [Nm]	P_t [kW]
		10 000	20 000	50 000	100 000			
PD 119 S2	14.2	34750	30760	26180	23170	2000	61520	34
	17.1	34750	30760	26180	23170	2000	61520	34
	22.4	34750	30760	26180	23170	2000	61520	34
	29.1	26870	23780	20240	17910	2000	47560	34
	35.1	26870	23780	20240	17910	2000	47560	34
PD 119 S3	64.6	34750	30760	26180	23170	2800	61520	23
	73.5	34750	30760	26180	23170	2800	61520	23
	88.6	34750	30760	26180	23170	2800	61520	23
	102.9	34750	30760	26180	23170	2800	61520	23
	124.3	34750	30760	26180	23170	2800	61520	23
	134.4	34750	30760	26180	23170	2800	61520	23
PD 119 S4	251.4	34750	30760	26180	23170	2800	61520	17
	300.9	34750	30760	26180	23170	2800	61520	17
	314.9	34750	30760	26180	23170	2800	61520	17
	328.5	34750	30760	26180	23170	2800	61520	17
	362.6	34750	30760	26180	23170	2800	61520	17
	379.6	34750	30760	26180	23170	2800	61520	17
	396.0	34750	30760	26180	23170	2800	61520	17
	427.0	34750	30760	26180	23170	2800	61520	17
	477.3	34750	30760	26180	23170	2800	61520	17
	517.4	34750	30760	26180	23170	2800	61520	17
	576.0	34750	30760	26180	23170	2800	61520	17
	623.7	34750	30760	26180	23170	2800	61520	17
	694.3	34750	30760	26180	23170	2800	61520	17
	752.6	34750	30760	26180	23170	2800	61520	17
	838.9	34750	30760	26180	23170	2800	61520	17
	1015.5	26870	23780	20240	17910	2800	47560	17
	1425.0	26870	23780	20240	17910	2800	47560	17

PDA 119

	i	T_2[Nm] $n_2$xh				n_{1max} [min^{-1}]	T_{2max} [Nm]	P_t [kW]
		10 000	20 000	50 000	100 000			
PDA 119 S3	59.2	34750	30760	26180	23170	2800	61520	23
	77.4	34750	30760	26180	23170	2800	61520	23
	93.3	34750	30760	26180	23170	2800	61520	23
	121.0	34750	30760	26180	23170	2800	61520	23
	158.6	26870	23780	20240	17910	2800	47560	23
	191.1	26870	23780	20240	17910	2800	47560	23
PDA 119 S4	306.0	34750	30760	26180	23170	2800	61520	17
	352.6	34750	30760	26180	23170	2800	61520	17
	385.0	34750	30760	26180	23170	2800	61520	17
	460.7	34750	30760	26180	23170	2800	61520	17
	519.8	26870	23780	20240	17910	2800	47560	17
	598.9	26870	23780	20240	17910	2800	47560	17
	676.7	34750	30760	26180	23170	2800	61520	17
	729.3	26870	23780	20240	17910	2800	47560	17
	819.1	26870	23780	20240	17910	2800	47560	17
	951.2	26870	23780	20240	17910	2800	47560	17
	1385.5	26870	23780	20240	17910	2800	47560	17

PD/PDA 119

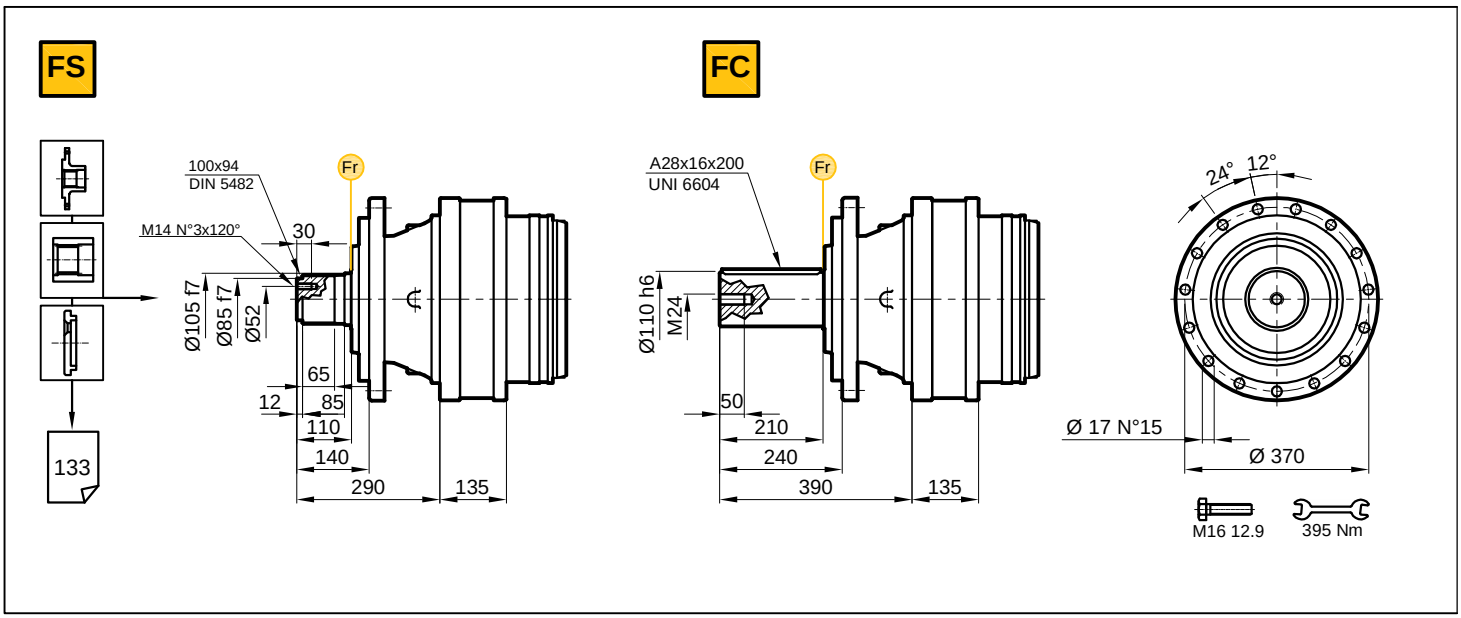




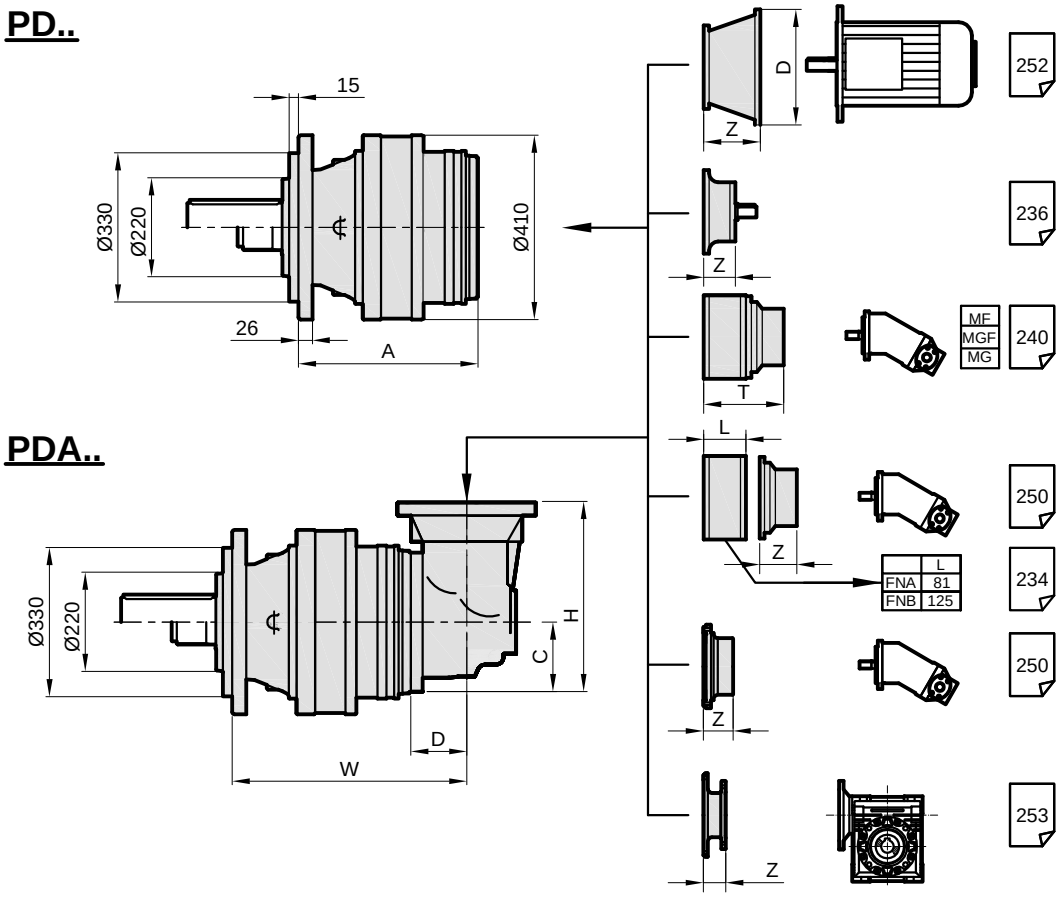
Stage	W	D	C	H	A	PD M	PDA M
S2	-	-	-	-	319	237	-
S3	407	88	140	380	390,5	253	336
S4	478,5	88	140	380	451,5	261	293

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S2	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S3	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-
S4	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-

PD/PDA 119



PD..



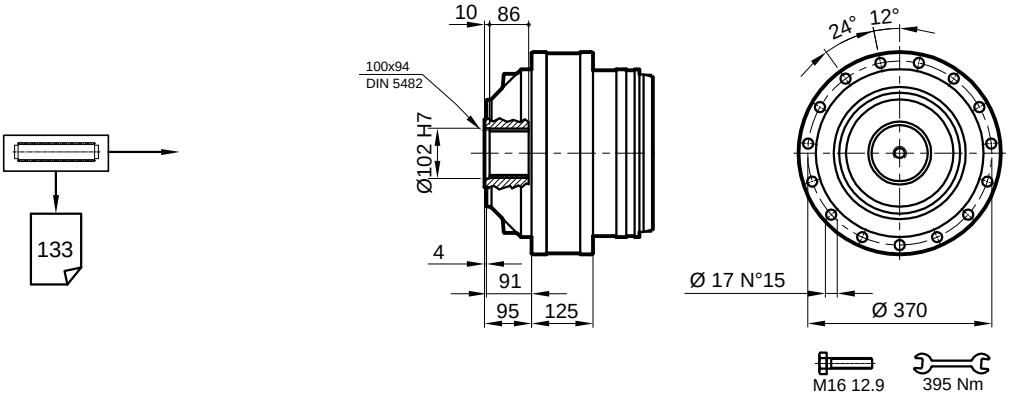
PDA..

Stage	W	D	C	H	A	PD F	PDA F
S2	-	-	-	-	473	260	-
S3	561	88	140	380	544,5	276	359
S4	632,5	88	140	380	605,5	284	316

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S2	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S3	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-
S4	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-

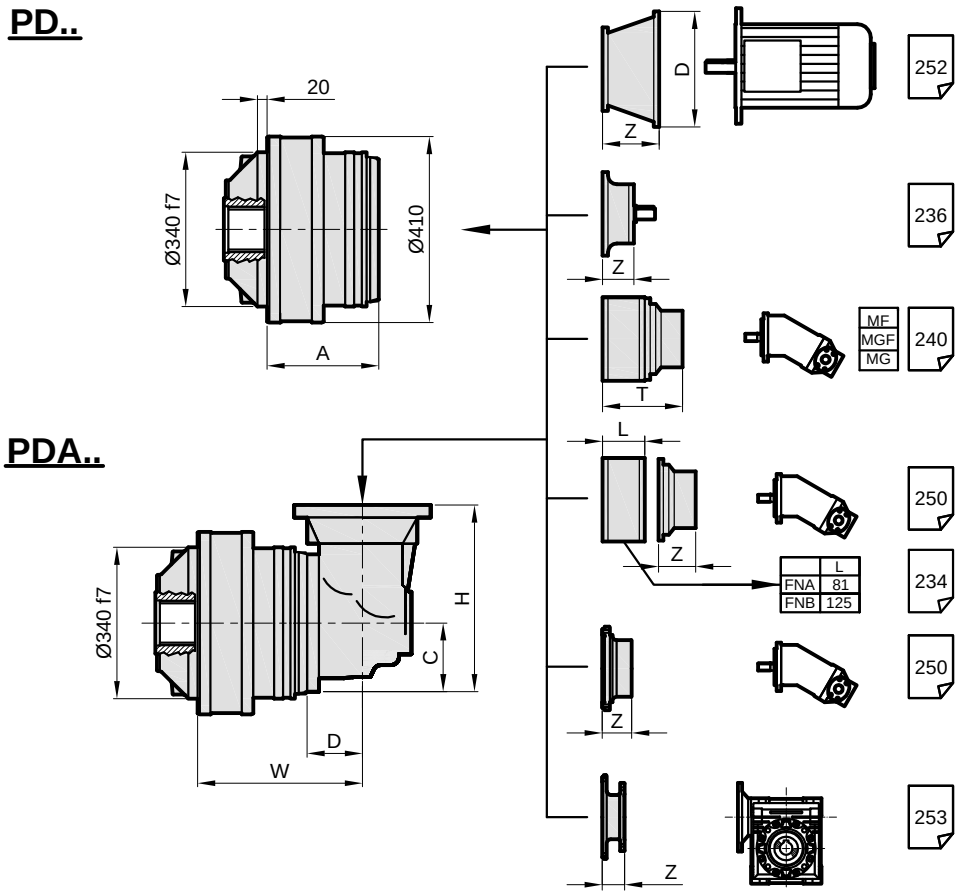
PD/PDA 119

S



PD..

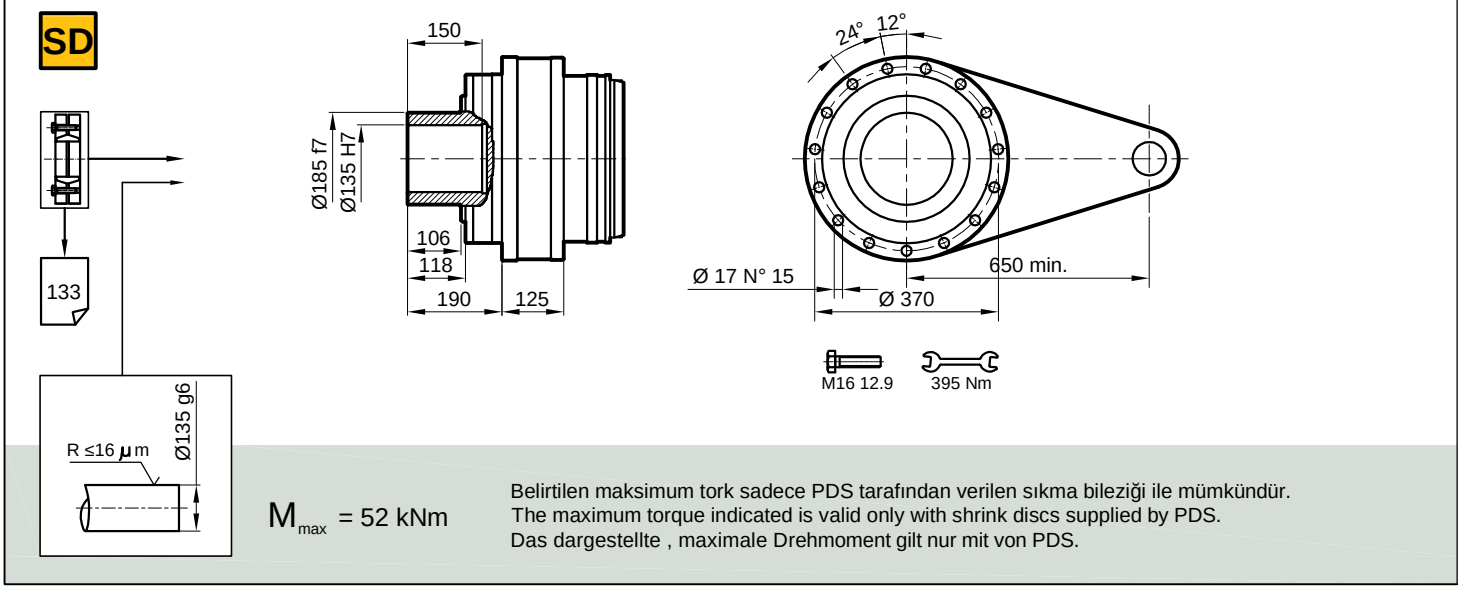
PDA..



Stage	W	D	C	H	A	PD S	PDA S
S2	-	-	-	-	309	196	-
S3	397	88	140	380	380,5	212	299
S4	468,5	88	140	380	441,5	220	252

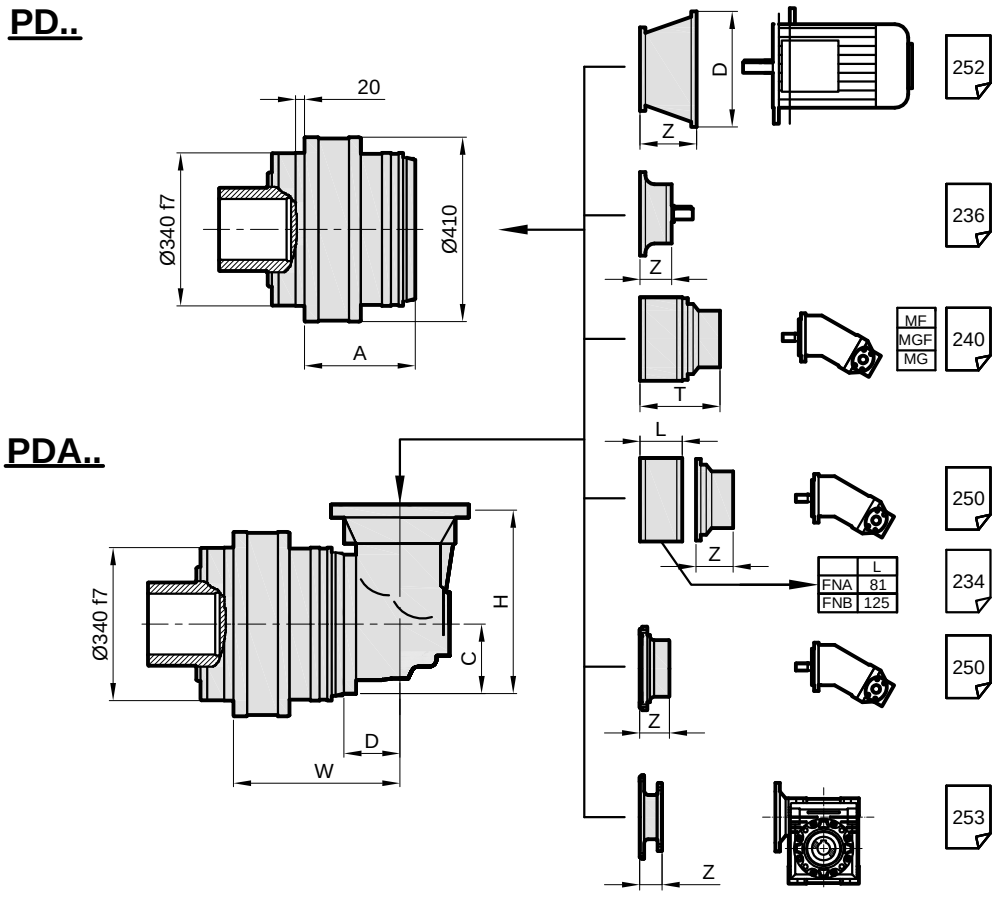
	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S2	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S3	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-
S4	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-

PD/PDA 119



M_{max} = 52 kNm

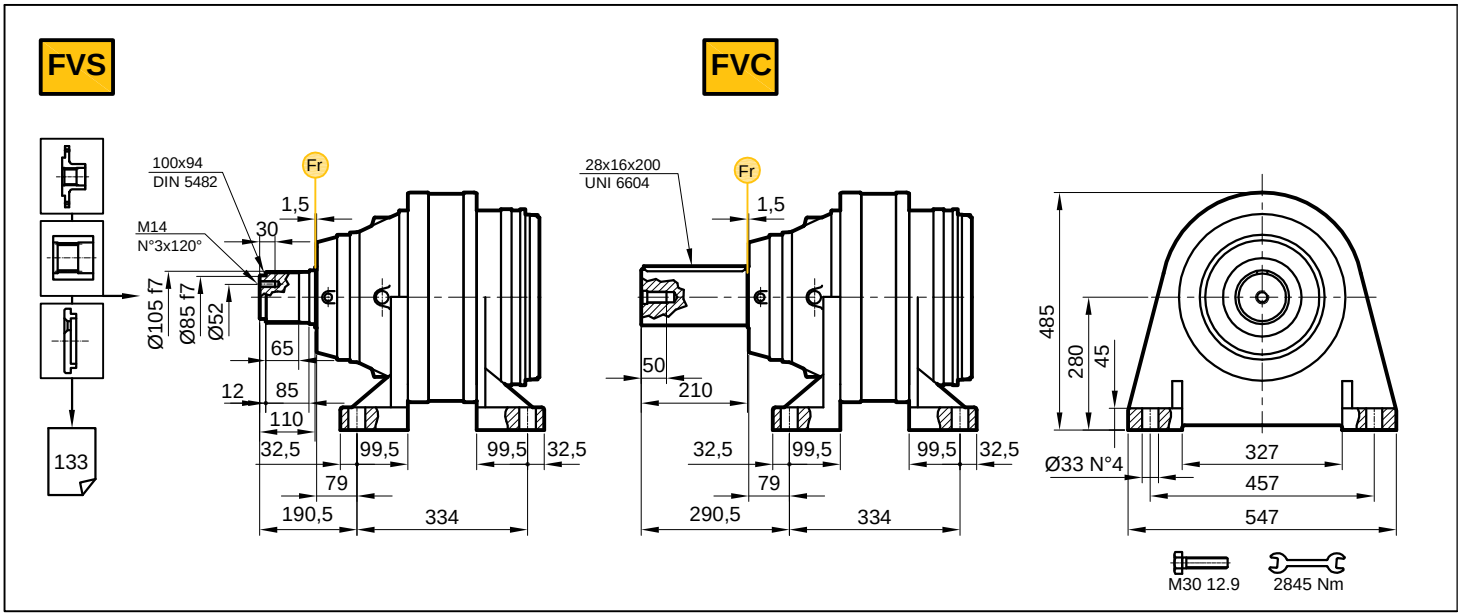
Belirtilen maksimum tork sadece PDS tarafından verilen sıkma bileziği ile mümkündür.
The maximum torque indicated is valid only with shrink discs supplied by PDS.
Das dargestellte , maximale Drehmoment gilt nur mit von PDS.

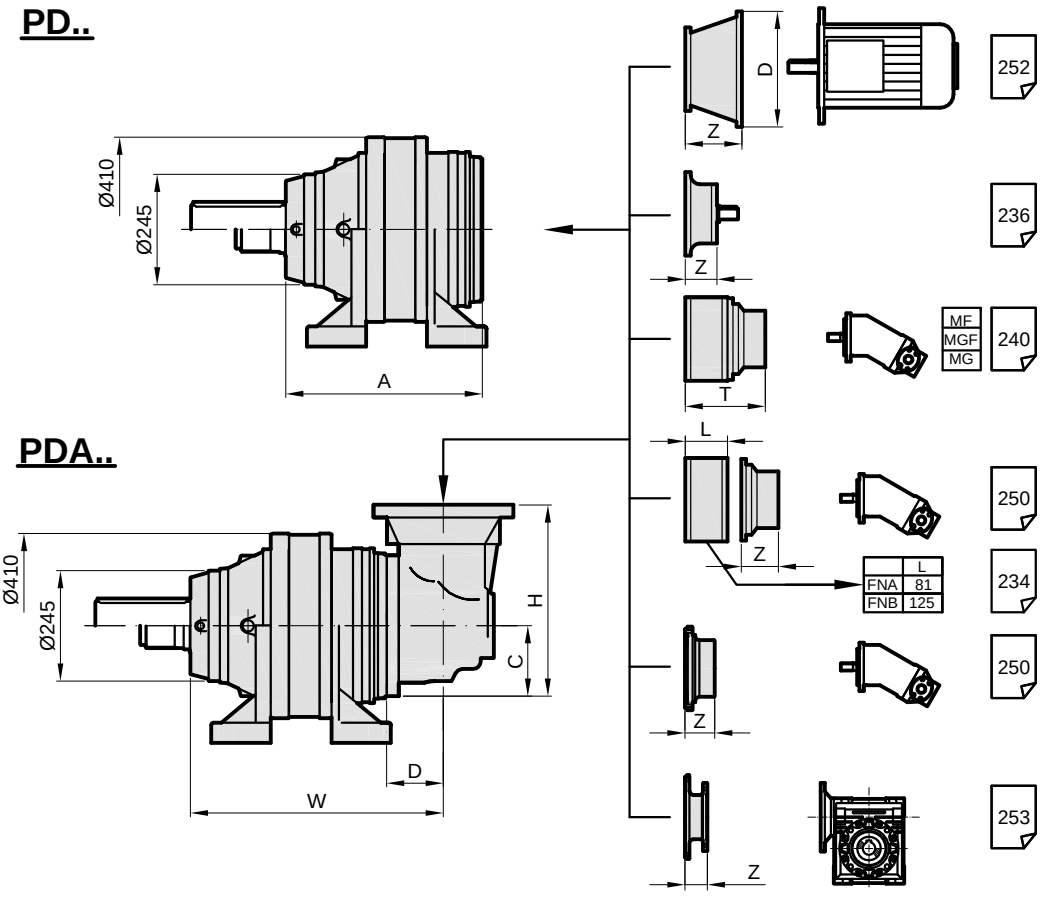


Stage	W	D	C	H	A	PD SD	PDA SD
S2	-	-	-	-	309	204	-
S3	397	88	140	380	380,5	220	307
S4	468,5	88	140	380	441,5	228	260

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S2	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S3	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-
S4	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-

PD/PDA 119



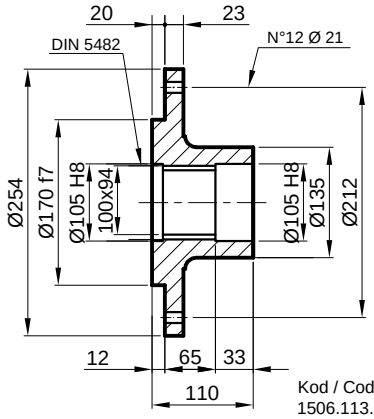


Stage	W	D	C	H	A	PD FVC	PDA FVC
S2	-	-	-	-	499	298	-
S3	585,5	88	140	380	570,5	314	397
S4	657	88	140	380	631,5	322	354

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S2	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S3	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-
S4	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-

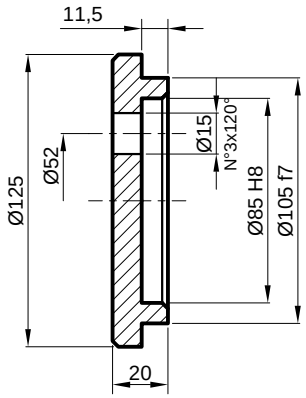
PD/PDA 119

FL Flanş / *Flange* / Flansch



Kod / Code / Bestell
1506.113.201

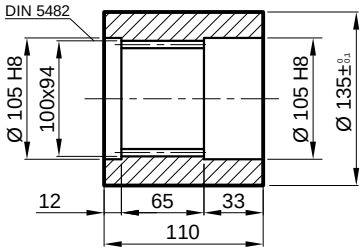
SP Sabitleme Pulu / *Stop bottom plate* / Endscheibe



Kod / Code / Bestell
1508.113.251

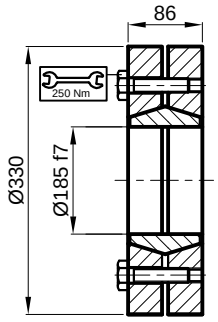
FK Frezeli Kaplin / *Spined bushing* Innenverzahnte Buchse

Malzeme /*Material* Material
UNI C40
SAE 1040
DIN Ck40



Kod / Code / Bestell
1504.113.101

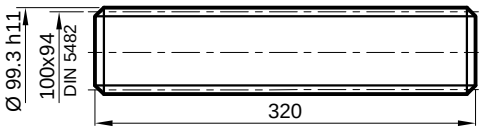
SB Sıkma Bileziği / Shrink disc Schrumpfscheibe



Maksimum tork
Max. torque
Max.Drehmoment
52 kNm

Kod / Code / Bestell
2501.117.001

FM Frezeli Mil / Splined rod Außenverzahnte Welle



Malzeme / Material
Material

UNI 39NiCrMo5
Sertleştirilmiş ve Temperlenmiş
Hardened and Tempered
Vergütet

Kod / Code / Bestell
1509.117.260

PD/PDA 119

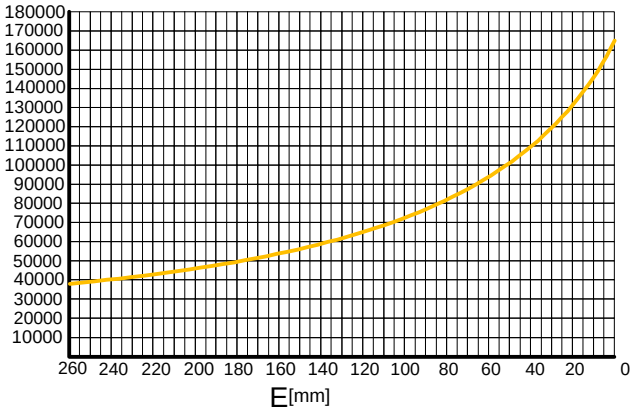
RADYAL YÜK(Fr)
Aşağıdaki diyagramlar radyal yükleri ve k faktörlerini arzu edilen n_2x h değerlerinde verir.

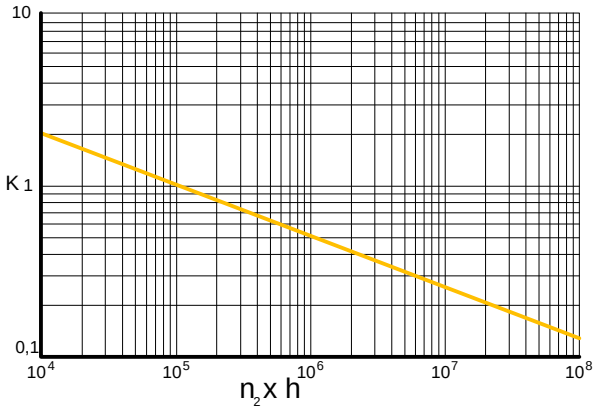
RADIAL LOADS(Fr)
The following curves show the radial loads and the K factors to obtain the required n_2x h value.

RADIALLAST (Fr)
In den nachstehenden Diagrammen ist die Radiallast und der Koeffizient K dargestellt und kann mit dem gewünschten Wert n_2x h verglichen werden.

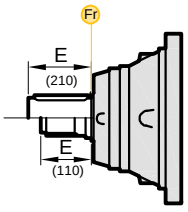
M-FV

Fr[N]

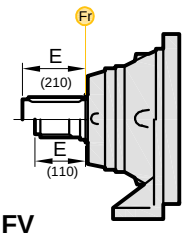




	nxh				
	10^5	10^4	10^6	10^7	10^8
M	Fr	Fr . K			
FV	Fr .0,75	Fr . K . 0,75			



M



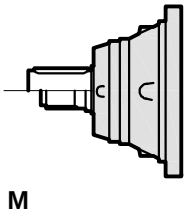
FV

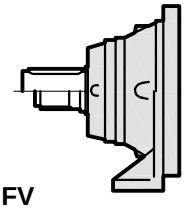
AKSİYEL YÜKLER (Fa)
Tablodaki aksiyel yük değerleri çıkış tipi ve tatbik edilen yük yönünde verilmiştir.

AXIAL LOADS (Fa)
The values of the awial loads in the table refer to the output versions and load directions of application.

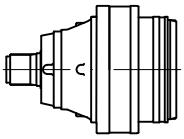
AXIALLAST (Fa)
Die dargestellten Werte der Axiallast basieren auf der Version und der applizierten Lastrichtung.

Fa [N]	M	FV	
	75000	75000	←
	95000	95000	→


M

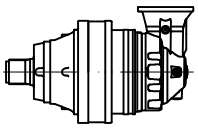

FV

PD 121

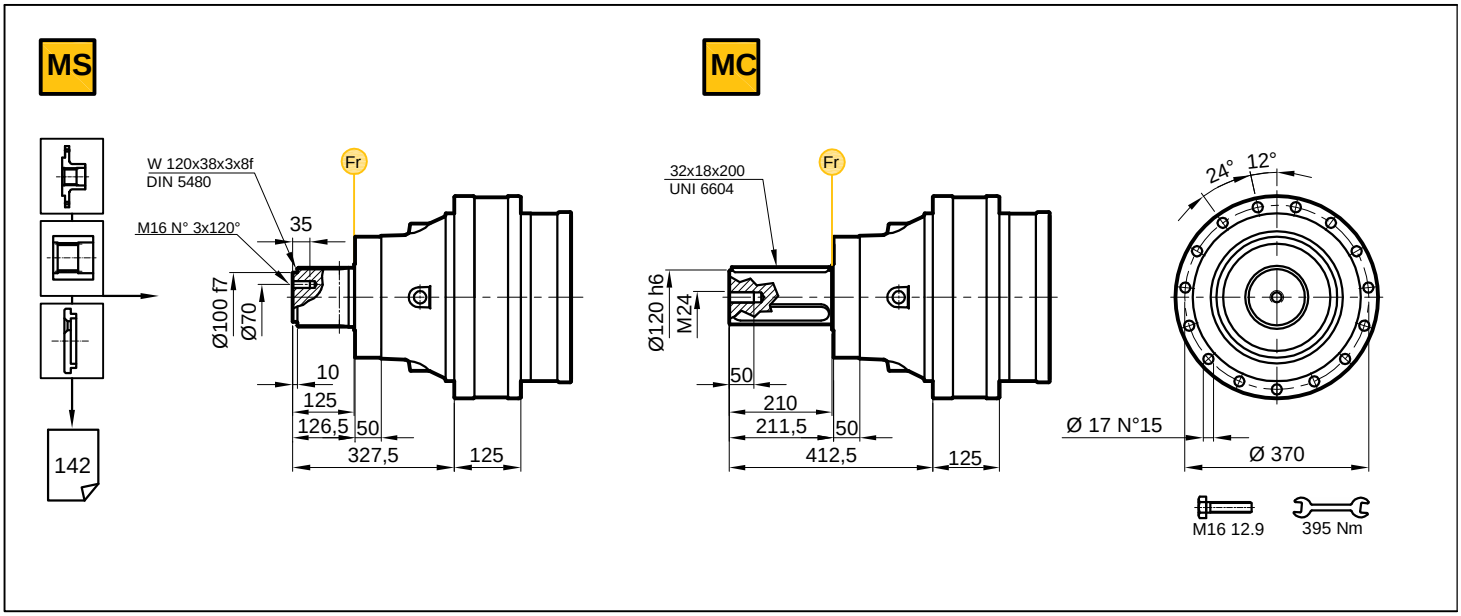


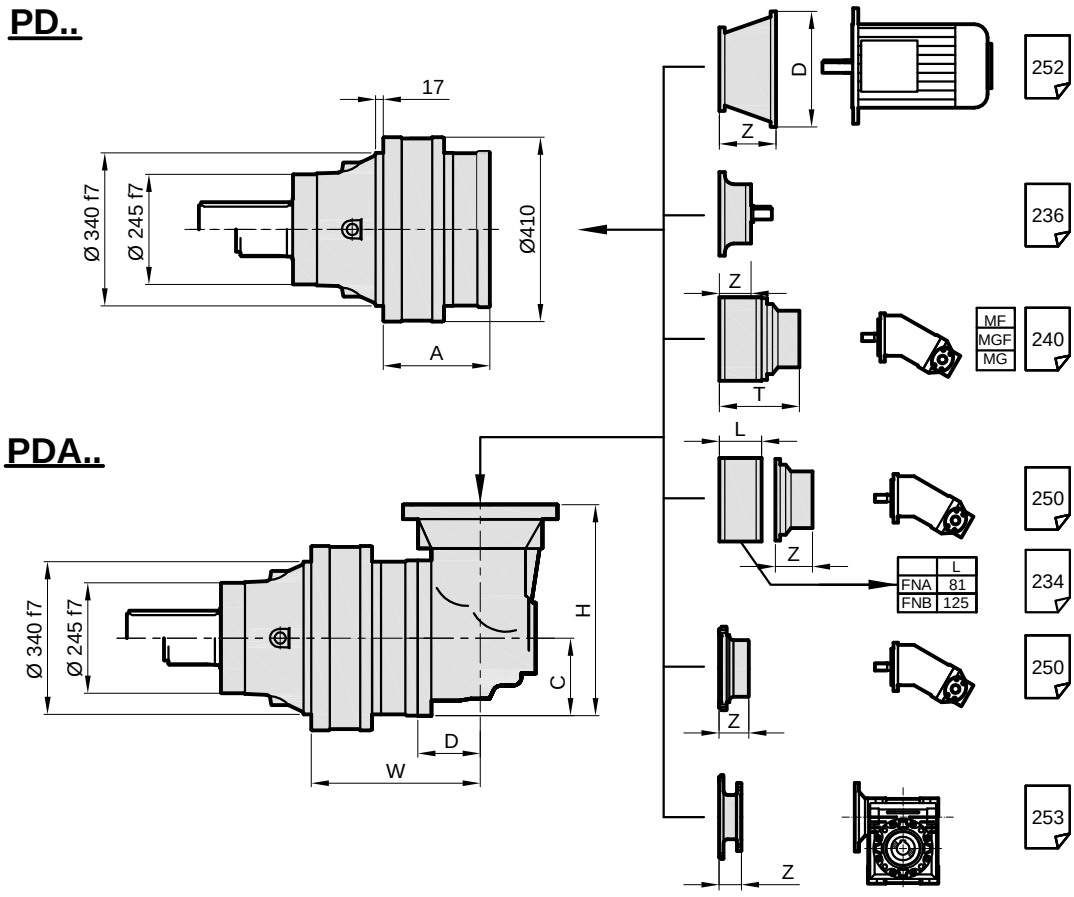
	i	T_2[Nm] $n_2$xh				n_{1max} [min^{-1}]	T_{2max} [Nm]	P_t [kW]
		10 000	20 000	50 000	100 000			
PD 121 S1	4.00	42370	37500	31910	28250	1500	61875	54
	4.71	36110	31960	27200	24070	1500	52764	54
PD 121 S2	14.2	42370	37500	31910	28250	2000	61875	34
	17.1	42370	37500	31910	28250	2000	61875	34
	20.2	36110	31960	27200	24070	2000	52764	34
	22.4	42370	37500	31910	28250	2000	61875	34
	26.4	36110	31960	27200	24070	2000	52764	34
	31.8	36110	31960	27200	24070	2000	52764	34
	40.8	36110	31960	27200	24070	2000	52764	34
PD 121 S3	53.7	42370	37500	31910	28250	2800	61875	23
	58.7	42370	37500	31910	28250	2800	61875	23
	64.8	42370	37500	31910	28250	2800	61875	23
	70.7	42370	37500	31910	28250	2800	61875	23
	83.2	36110	31960	27200	24070	2800	52764	23
	88.6	42370	37500	31910	28250	2800	61875	23
	99.6	36110	31960	27200	24070	2800	52764	23
	108.7	36110	31960	27200	24070	2800	52764	23
	121.0	36110	31960	27200	24070	2800	52764	23
	136.2	36110	31960	27200	24070	2800	52764	23
	158.1	36110	31960	27200	24070	2800	52764	23
	164.1	36110	31960	27200	24070	2800	52764	23
	191.1	36110	31960	27200	24070	2800	52764	23
	230.3	36110	31960	27200	24070	2800	52764	23
	191.0	42370	37500	31910	28250	2800	61875	23
	208.6	42370	37500	31910	28250	2800	61875	23
	230.3	42370	37500	31910	28250	2800	61875	23
PD 121 S4	251.4	42370	37500	31910	28250	2800	61875	17
	277.6	42370	37500	31910	28250	2800	61875	17
	303.1	42370	37500	31910	28250	2800	61875	17
	328.5	42370	37500	31910	28250	2800	61875	17
	362.7	42370	37500	31910	28250	2800	61875	17
	379.6	42370	37500	31910	28250	2800	61875	17
	437.1	42370	37500	31910	28250	2800	61875	17
	496.0	42370	37500	31910	28250	2800	61875	17
	583.5	36110	31960	27200	24070	2800	52764	17
	677.7	36110	31960	27200	24070	2800	52764	17
	703.4	36110	31960	27200	24070	2800	52764	17
	762.5	36110	31960	27200	24070	2800	52764	17
	816.8	36110	31960	27200	24070	2800	52764	17
	987.0	36110	31960	27200	24070	2800	52764	17
	1067.3	36110	31960	27200	24070	2800	52764	17
	1289.7	36110	31960	27200	24070	2800	52764	17

PDA 121

	i	T_2[Nm] $n_2$xh				n_{1max} [min^{-1}]	T_{2max} [Nm]	P_t [kW]
		10 000	20 000	50 000	100 000			
PDA 121 S2	12.3	42370	37500	31910	28250	2000	61875	34
	14.5	36110	31960	27200	24070	2000	52734	34
	18.7	42370	37500	31910	28250	2000	64875	34
	22.0	36110	31960	27200	24070	2000	52734	34
PDA 121 S3	43.7	42370	37500	31910	28250	2800	61875	34
	52.7	42370	37500	31910	28250	2800	61875	23
	66.4	42370	37500	31910	28250	2800	61875	23
	80.0	42370	37500	31910	28250	2800	61875	23
	94.1	36110	31960	27200	24070	2800	52734	23
	123.0	36110	31960	27200	24070	2800	52734	23
PDA 121 S4	185.6	42370	37500	31910	28250	2800	61875	17
	202.7	42370	37500	31910	28250	2800	61875	17
	223.7	42370	37500	31910	28250	2800	61875	17
	244.3	42370	37500	31910	28250	2800	61875	17
	292.5	42370	37500	31910	28250	2800	61875	17
	319.4	42370	37500	31910	28250	2800	61875	17
	352.6	42370	37500	31910	28250	2800	61875	17
	385.0	42370	37500	31910	28250	2800	61875	17
	414.8	36110	31960	27200	24070	2800	52724	17
	452.9	36110	31960	27200	24070	2800	52724	17
	542.0	36110	31960	27200	24070	2800	52724	17
	591.8	36110	31960	27200	24070	2800	52724	17
	658.8	36110	31960	27200	24070	2800	52724	17
	741.3	36110	31960	27200	24070	2800	52724	17
	860.9	36110	31960	27200	24070	2800	52724	17
	1037.7	36110	31960	27200	24070	2800	52724	17
	1253.8	36110	31960	27200	24070	2800	52724	17

PD/PDA 121



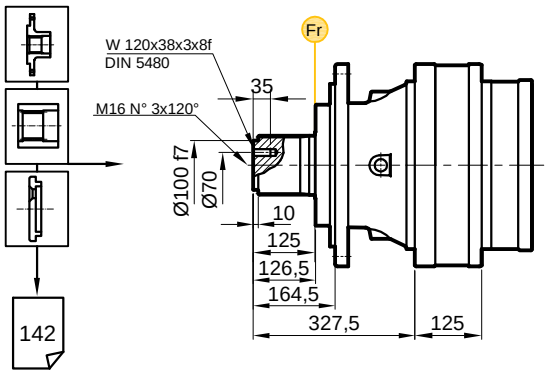


Stage	W	D	C	H	A	PD M	PDA M
S1	-	-	-	-	232	193	-
S2	297	88	235	550	319	243	285
S3	454	88	235	550	390,5	259	342
S4	492	88	140	380	451,5	267	299

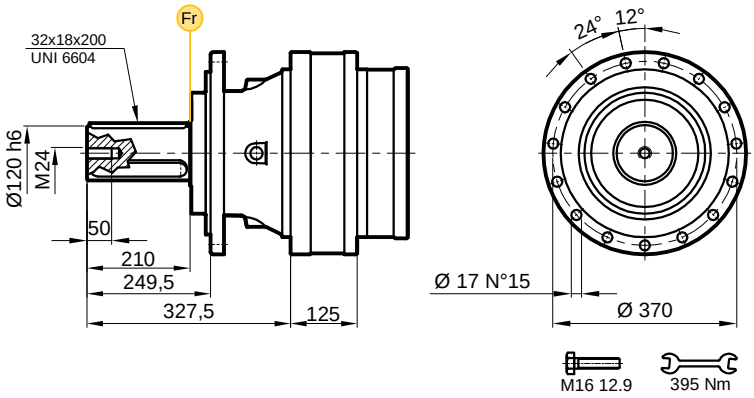
	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S1	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S2	-	-	-	-	-	-	-	-	350	120	400	148	450	148	-	-
S3	185	32	200	60	250	71	300	104	350	120	400	148	450	148	-	-
S4	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-

PD/PDA 121

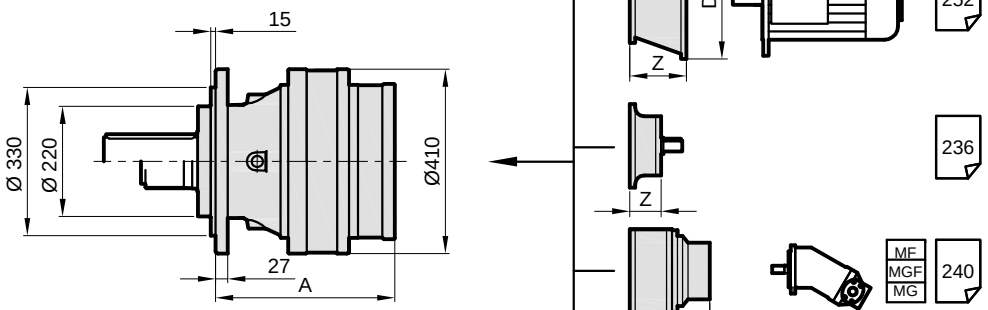
FS



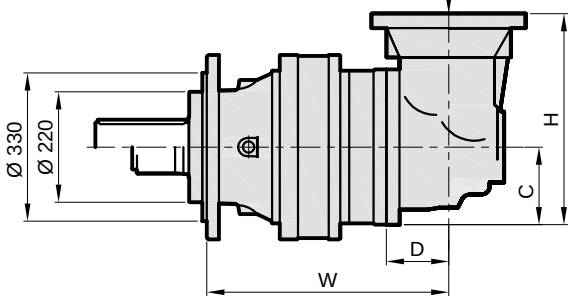
FC

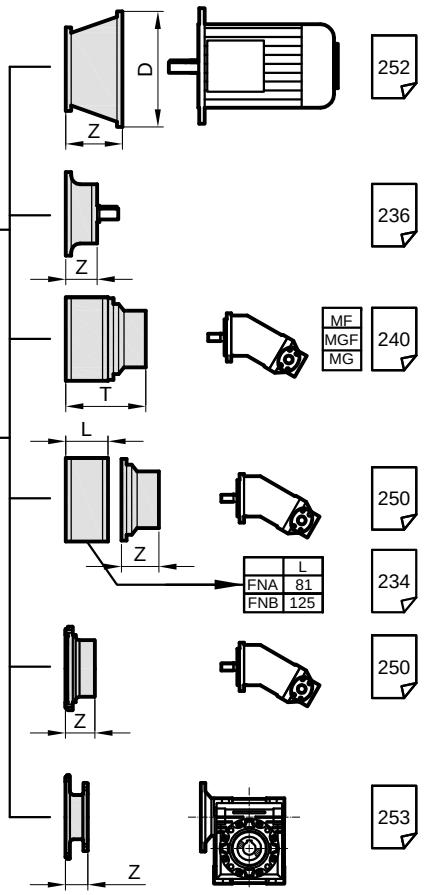


PD..



PDA..



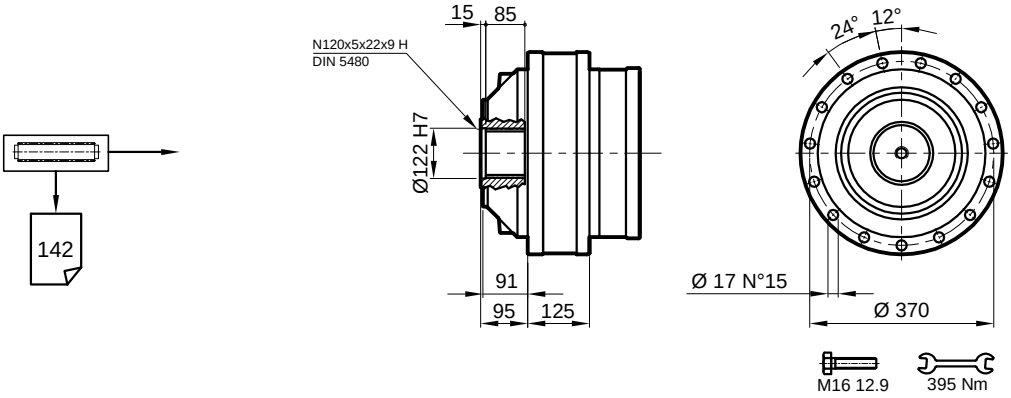


Stage	W	D	C	H	A	PD F	PDA F
S1	-	-	-	-	408	216	-
S2	473	88	235	550	495	266	308
S3	630	88	235	550	566,5	282	365
S4	668	88	140	380	627,5	290	322

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S1	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S2	-	-	-	-	-	-	-	-	350	120	400	148	450	148	-	-
S3	185	32	200	60	250	71	300	104	350	120	400	148	450	148	-	-
S4	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-

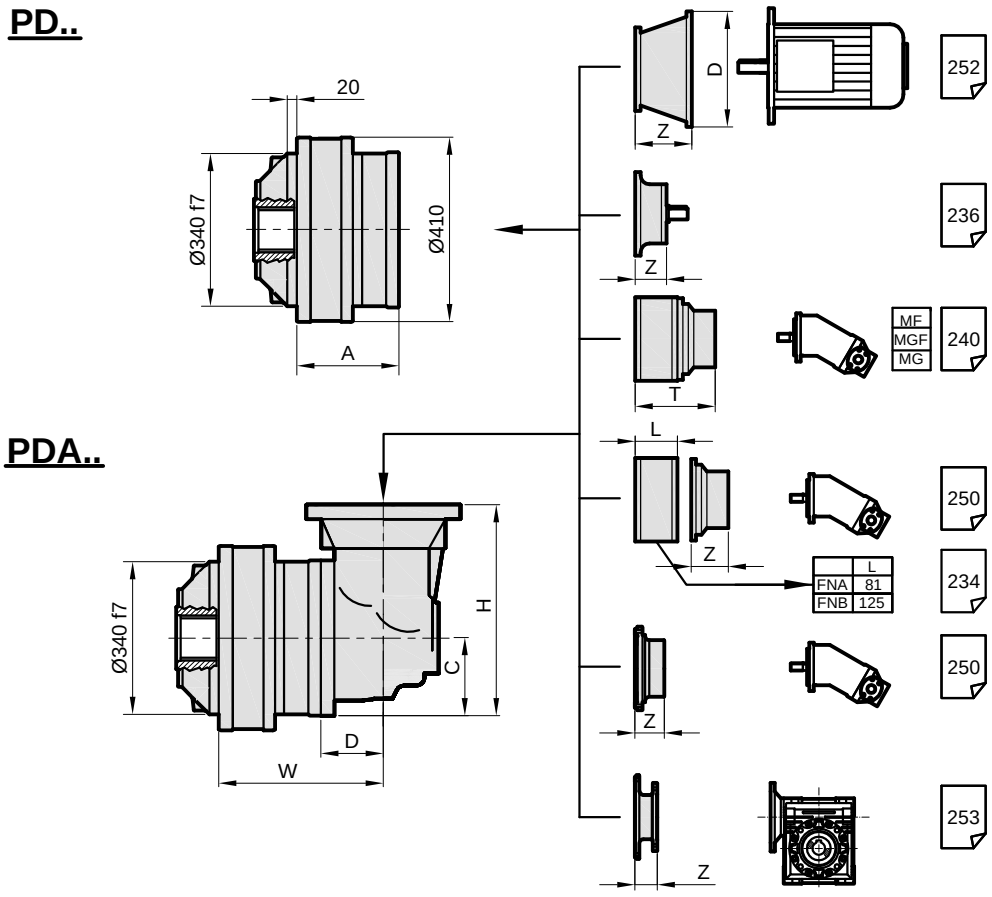
PD/PDA 121

S



PD..

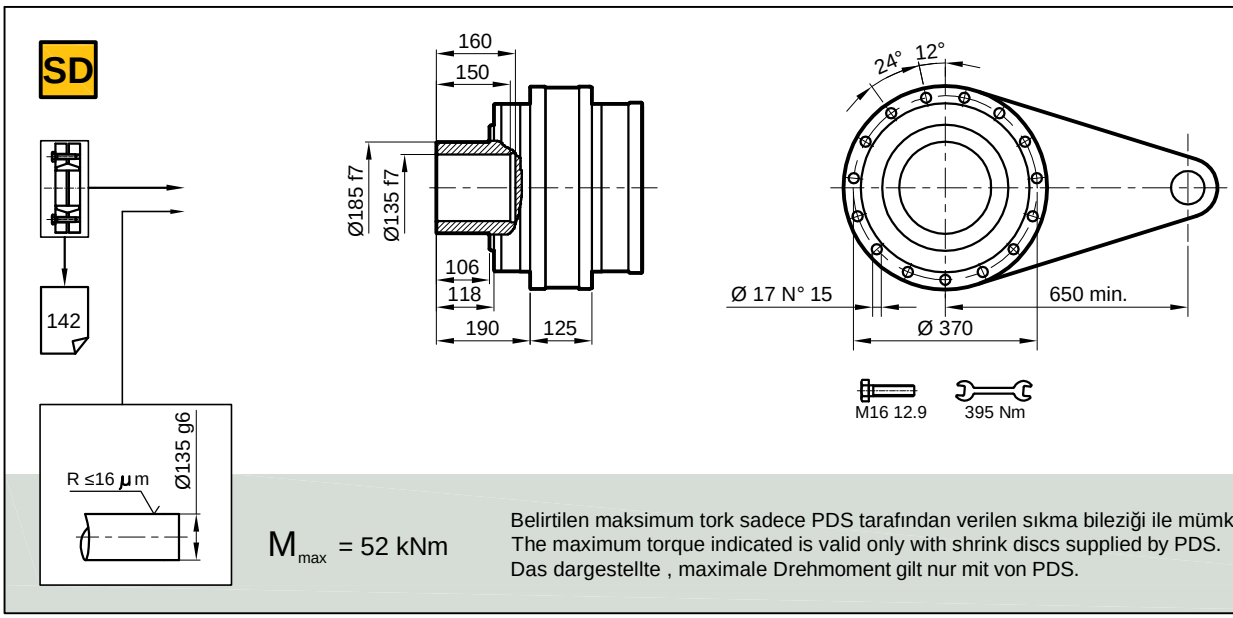
PDA..



Stage	W	D	C	H	A	PD S	PDA S
S1	-	-	-	-	222	157	-
S2	287	88	235	550	309	207	248
S3	444	88	235	550	380,5	223	305
S4	482	88	140	380	441,5	231	263

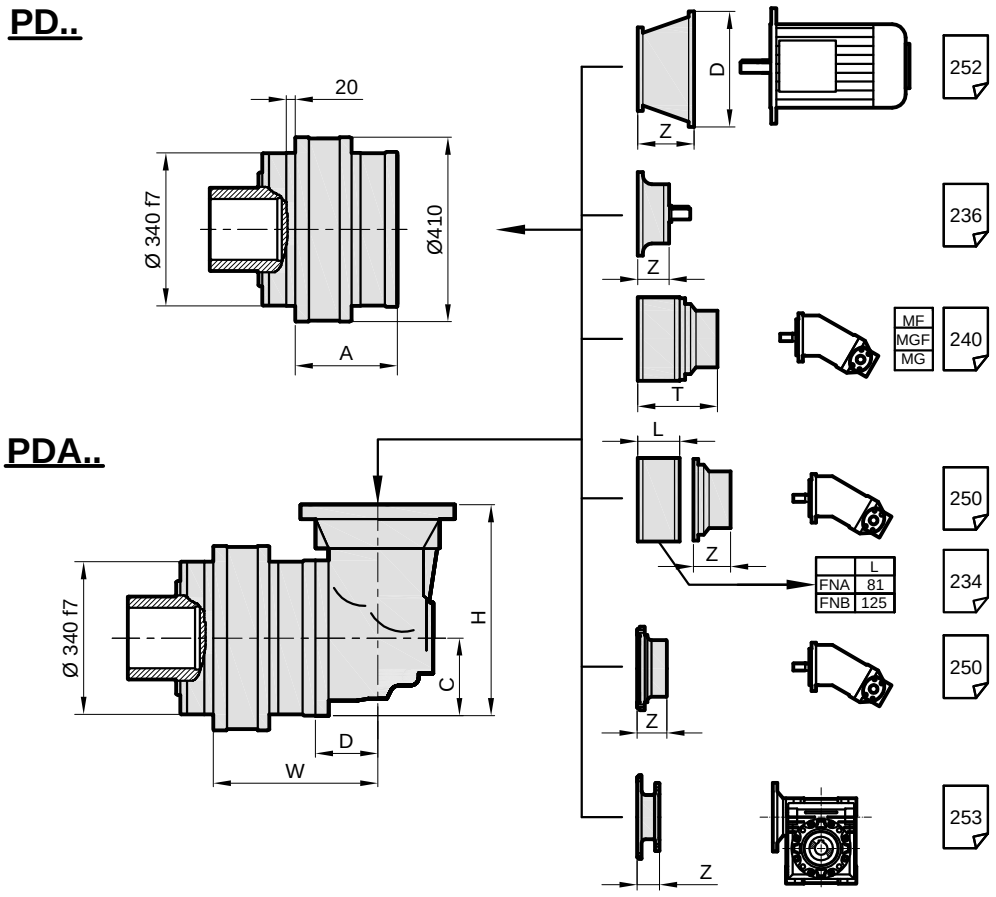
	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S1	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S2	-	-	-	-	-	-	-	-	350	120	400	148	450	148	-	-
S3	185	32	200	60	250	71	300	104	350	120	400	148	450	148	-	-
S4	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-

PD/PDA 121



M_{max} = 52 kNm

Belirtilen maksimum tork sadece PDS tarafından verilen sıkma bileziği ile mümkündür.
The maximum torque indicated is valid only with shrink discs supplied by PDS.
Das dargestellte , maximale Drehmoment gilt nur mit von PDS.

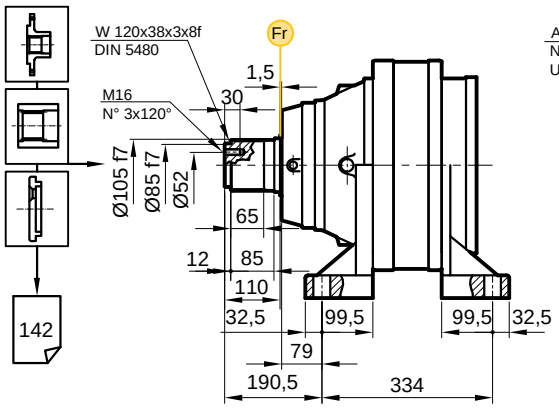


Stage	W	D	C	H	A	PD SD	PDA SD
S1	-	-	-	-	222	165	-
S2	287	88	235	550	309	215	256
S3	444	88	235	550	380,5	231	313
S4	482	88	140	380	441,5	239	271

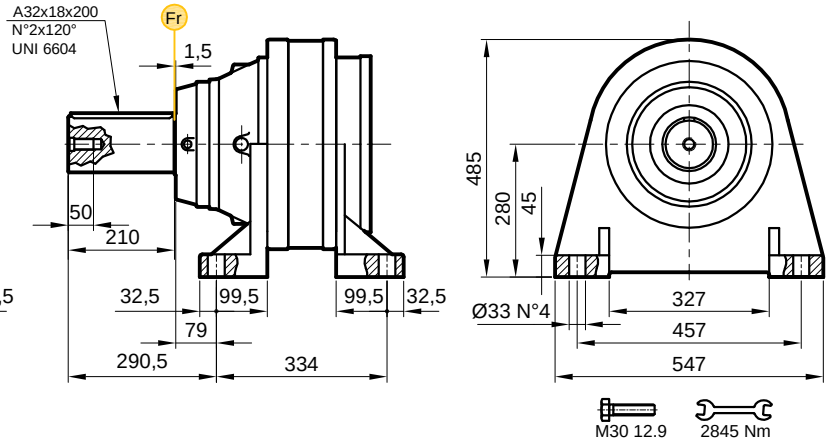
	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S1	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S2	-	-	-	-	-	-	-	-	350	120	400	148	450	148	-	-
S3	185	32	200	60	250	71	300	104	350	120	400	148	450	148	-	-
S4	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-

PD/PDA 121

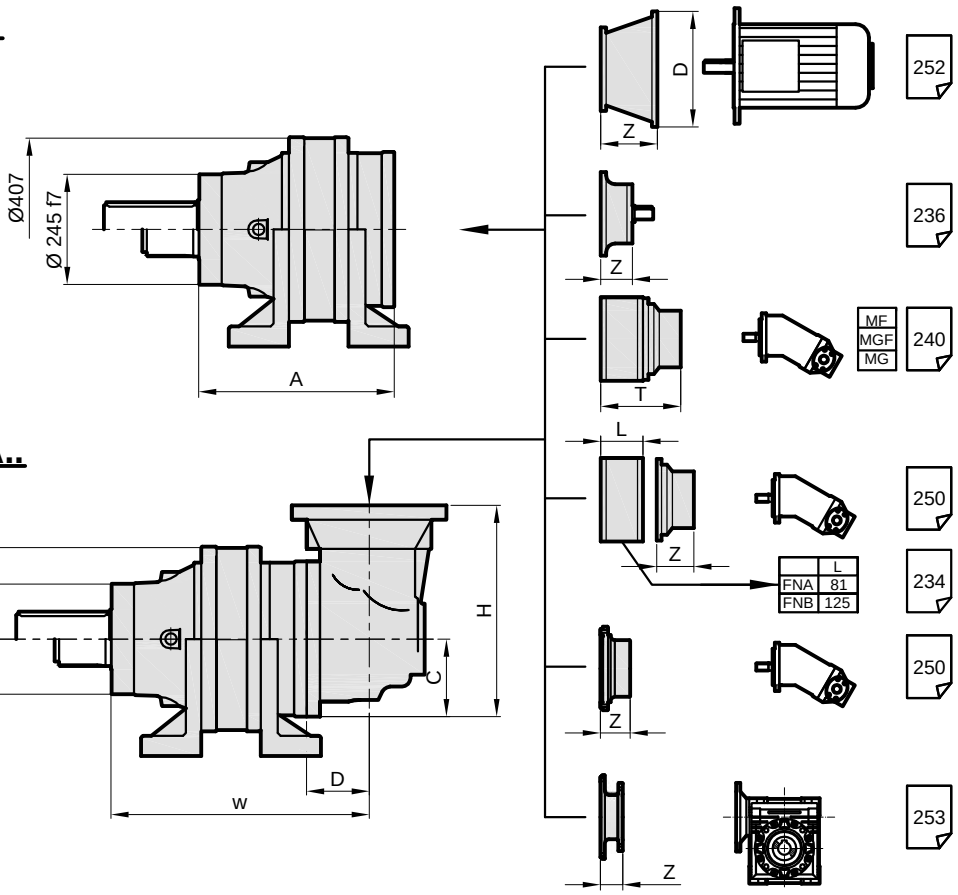
FVS



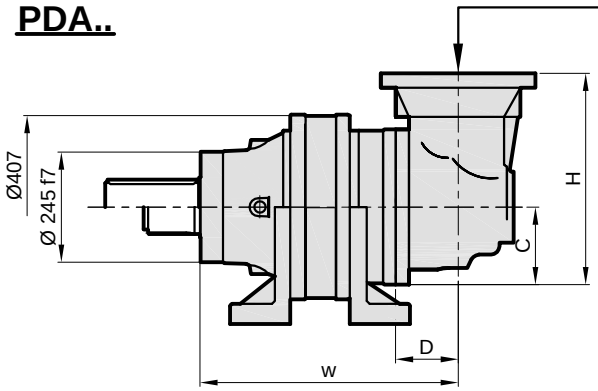
FVC



PD..



PDA..

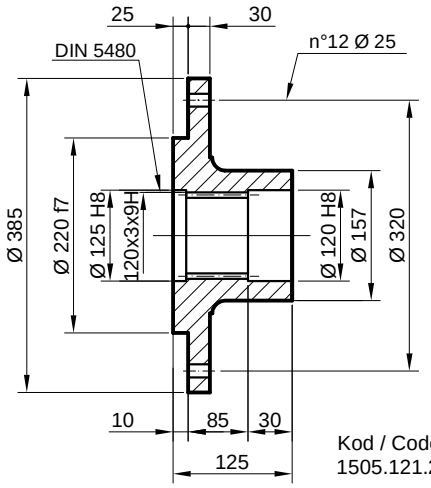


Stage	W	D	C	H	A	PD / FVC	PDA / FVC
S1	-	-	-	-	434,5	254	-
S2	499,5	88	235	550	521,5	304	346
S3	656,5	88	235	550	593	320	403
S4	694,5	88	140	380	654	328	360

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S1	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S2	-	-	-	-	-	-	-	-	350	120	400	148	450	148	-	-
S3	185	32	200	60	250	71	300	104	350	120	400	148	450	148	-	-
S4	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-

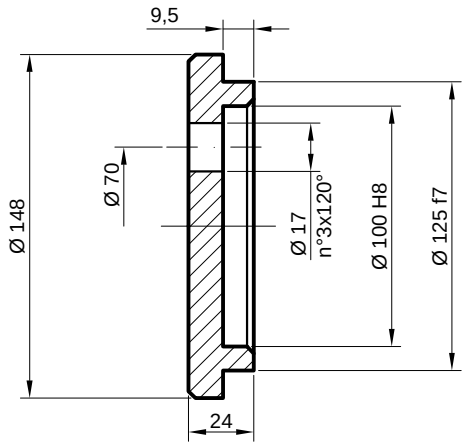
PD/PDA 121

FL Flanş / *Flange* / Flansch



Kod / Code / Bestell
1505.121.200

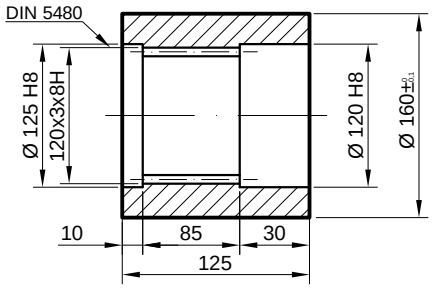
SP Sabitleme Pulu / *Stop bottom plate* / Endscheibe



Kod / Code / Bestell
1507.121.250

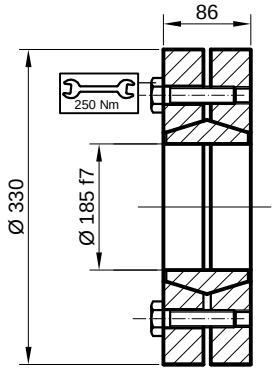
FK Frezeli Kaplin / *Spined bushing* Innenverzahnte Buchse

Malzeme /*Material* Material
UNI C40
SAE 1040
DIN Ck40



Kod / Code / Bestell
1503.121.100

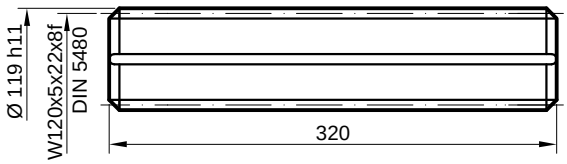
SB Sıkma Bileziği / Shrink disc Schrumpfscheibe



Maksimum tork
Max. torque
Max.Drehmoment
52 kNm

Kod / Code / Bestell
2501.119.001

FM Frezeli Mil / Splined rod Außenverzahnte Welle



Malzeme / Material
Material

UNI 39NiCrMo5
Sertleştirilmiş ve Temperlenmiş
Hardened and Tempered
Vergütet

Kod / Code / Bestell
1509.121.260

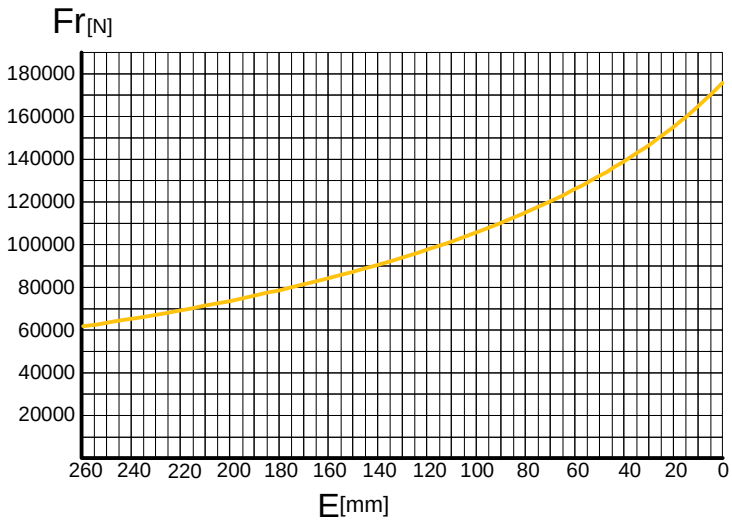
PD/PDA 121

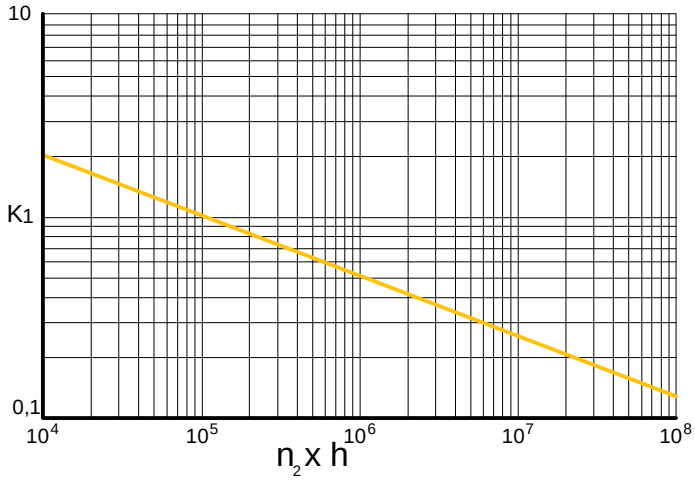
RADYAL YÜK(Fr)
Aşağıdaki diyagramlar radyal yükleri ve k faktörlerini arzu edilen n_2x h değerlerinde verir.

RADIAL LOADS(Fr)
The following curves show the radial loads and the K factors to obtain the required n_2x h value.

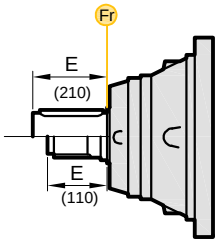
RADIALLAST (Fr)
In den nachstehenden Diagrammen ist die Radiallast und der Koeffizient K dargestellt und kann mit dem gewünschten Wert n_2x h verglichen werden.

M-FV

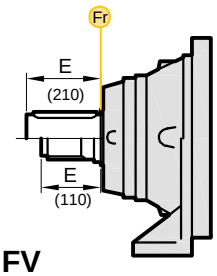




	nxh				
	10^5	10^4	10^6	10^7	10^8
M	Fr	Fr . K			
FV	Fr .0,75	Fr . K . 0,75			



M



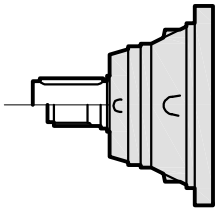
FV

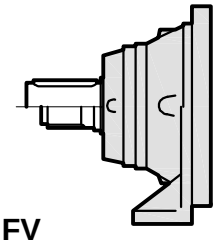
AKSİYEL YÜKLER (Fa)
Tablodaki aksiyel yük değerleri çıkış tipi ve tatbik edilen yük yönünde verilmiştir.

AXIAL LOADS (Fa)
The values of the awial loads in the table refer to the output versions and load directions of application.

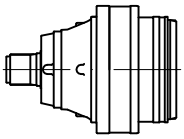
AXIALLAST (Fa)
Die dargestellten Werte der Axiallast basieren auf der Version und der applizierten Lastrichtung.

Fa [N]	M	FV	
	80000	80000	←
	100000	100000	→

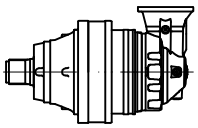

M


FV

PD 123

	i	T_2[Nm]				n_{1max} [min^{-1}]	T_{2max} [Nm]	P_t [kW]
		$n_2$xh						
		10 000	20 000	50 000	100 000			
PD 123 S1	4.00	68690	60800	51740	45800	1200	121600	60
	5.10	50280	44500	37870	33520	1200	89000	60
	6.00	40110	35500	30210	26740	1200	71000	60
PD 123 S2	14.0	68690	60800	51740	45800	2000	121600	38
	16.9	68690	60800	51740	45800	2000	121600	38
	21.6	50280	44500	37870	33520	2000	89000	38
	26.9	68690	60800	51740	45800	2000	121600	38
	28.3	50280	44500	37870	33520	2000	121600	38
	33.6	40110	35500	30210	26740	2000	71000	38
	40.5	40110	35500	30210	26740	2000	71000	38
PD 123 S3	53.1	68690	60800	51740	45800	2800	121600	25
	64.0	68690	60800	51740	45800	2800	121600	25
	74.2	50280	44500	37870	33520	2800	89000	25
	84.3	68690	60800	51740	45800	2800	121600	25
	92.9	50280	44500	37870	33520	2800	89000	25
	107.9	50280	44500	37870	33520	2800	89000	25
	116.9	50280	44500	37870	33520	2800	89000	25
	130.1	50280	44500	37870	33520	2800	89000	25
	138.6	40110	35500	30210	26740	2800	71000	25
	157.2	50280	44500	37870	33520	2800	89000	25
	170.1	50280	44500	37870	33520	2800	89000	25
	205.5	50280	44500	37870	33520	2800	89000	25
	247.7	50280	44500	37870	33520	2800	89000	25
	293.6	40110	35500	30210	26740	2800	71000	25
PD 123 S4	324.7	68690	60800	51740	45800	2800	121600	25
	358.5	68690	60800	51740	45800	2800	121600	20
	391.4	68690	60800	51740	45800	2800	121600	20
	432.1	68690	60800	51740	45800	2800	121600	20
	471.8	68690	60800	51740	45800	2800	121600	20
	511.5	68690	60800	51740	45800	2800	121600	20
	564.6	68690	60800	51740	45800	2800	121600	20
	591.0	68690	60800	51740	45800	2800	121600	20
	616.6	68690	60800	51740	45800	2800	121600	20
	686.3	68690	60800	51740	45800	2800	121600	20
	789.3	50280	44500	37870	33520	2800	89000	20
	878.7	50280	44500	37870	33520	2800	89000	20
	952.5	50280	44500	37870	33520	2800	89000	20
	1061.7	50280	44500	37870	33520	2800	89000	20
	1151.0	50280	44500	37870	33520	2800	89000	20
	1258.3	40110	35500	30210	26740	2800	71000	20
	1387.3	50280	44500	37870	33520	2800	89000	20
	1672.2	50280	44500	37870	33520	2800	89000	20
	1981.9	40110	35500	30210	26740	2800	71000	20

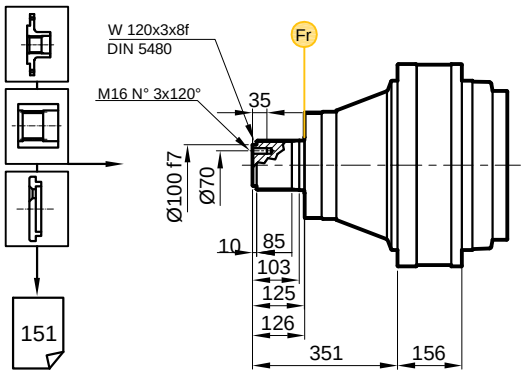
PDA 123



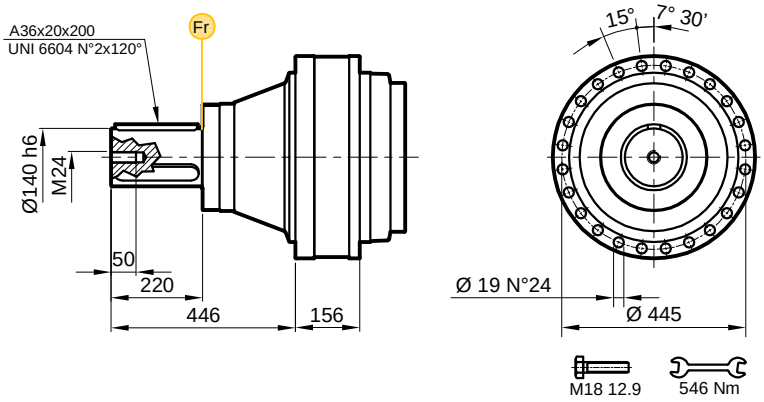
	i	T_2[Nm] $n_2$xh				n_{1max} [min]	T_{2max} [Nm]	P_t [kW]
		10 000	20 000	50 000	100 000			
PDA 123 S2	12.1	68690	60800	51740	45800	2000	121600	38
	15.5	50280	44500	37870	33520	2000	89000	38
	18.4	40110	35500	30210	26740	2000	71000	38
	23.6	50280	44500	37870	33520	2000	89000	38
	27.9	40110	35500	30210	26740	2000	71000	38
PDA 123 S3	58.5	68690	60800	51740	45800	2800	121600	25
	76.5	68690	60800	51740	45800	2800	121600	25
	97.9	50280	44500	37870	33520	2800	89000	25
	118.1	50280	44500	37870	33520	2800	89000	25
	139.9	40110	35500	30210	26740	2800	71000	25
	154.3	50280	44500	37870	33520	2800	89000	25
	220.4	40110	35500	30210	26740	2800	71000	25
PDA 123 S4	241.5	68690	60800	51740	45800	2800	121600	20
	288.9	68690	60800	51740	45800	2800	121600	20
	315.7	68690	60800	51740	45800	2800	121600	20
	351.2	68690	60800	51740	45800	2800	121600	20
	395.2	68690	60800	51740	45800	2800	121600	20
	455.4	68690	60800	51740	45800	2800	121600	20
	506.3	50280	44500	37870	33520	2800	89000	20
	543.3	50280	44500	37870	33520	2800	89000	20
	587.6	50280	44500	37870	33520	2800	89000	20
	668.9	50280	44500	37870	33520	2800	89000	20
	708.7	50280	44500	37870	33520	2800	89000	20
	797.4	50280	44500	37870	33520	2800	89000	20
	856.3	50280	44500	37870	33520	2800	89000	20
	926.0	50280	44500	37870	33520	2800	89000	20
	961.2	50280	44500	37870	33520	2800	89000	20
	1119.0	50280	44500	37870	33520	2800	89000	20
	1348.8	50280	44500	37870	33520	2800	89000	20
	1598.6	40110	35500	30210	26740	2800	71000	20

PD/PDA 123

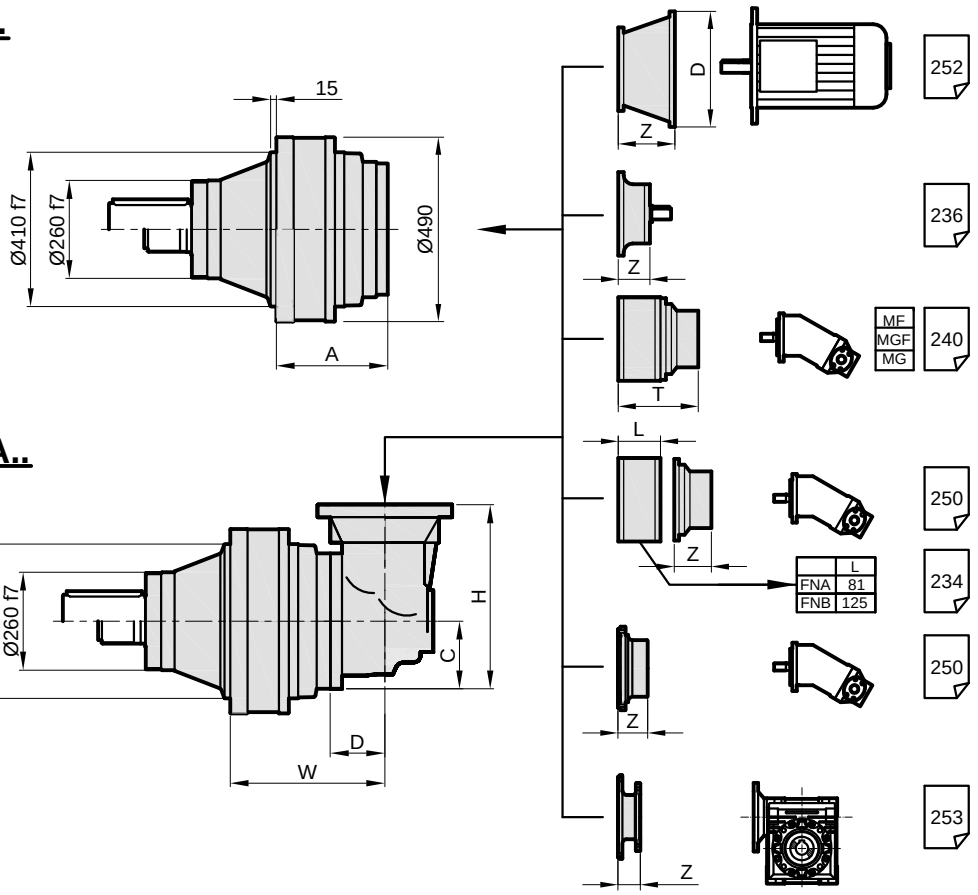
MS



MC



PD..



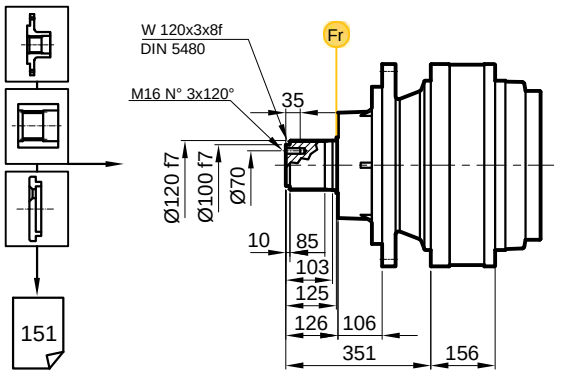
PDA..

Stage	W	D	C	H	A	PD M	PDA M
S1	-	-	-	-	261	314	-
S2	442	88	235	550	368	373	364
S3	456	88	140	380	439,5	389	410
S4	541	88	140	380	500,5	397	429

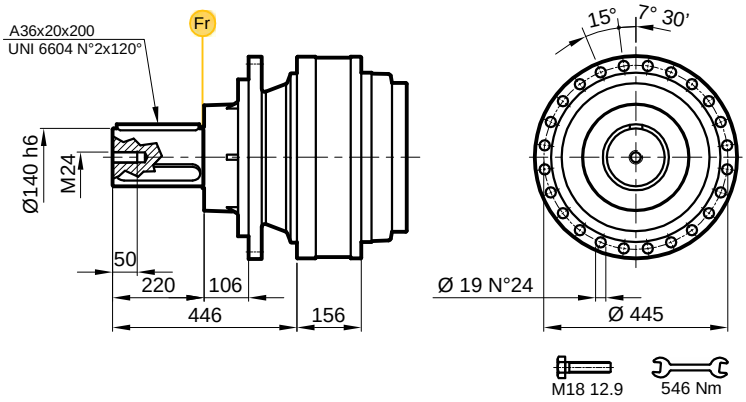
	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S1	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S2	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S3	185	32	200	60	250	71	300	104	350	120	400	148	450	148	-	-
S4	185	32	200	60	250	71	300	104	-	-	-	-	-	-	-	-

PD/PDA 123

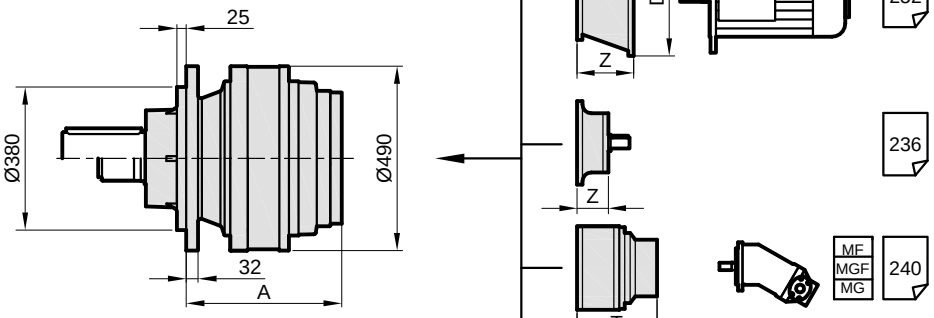
FS



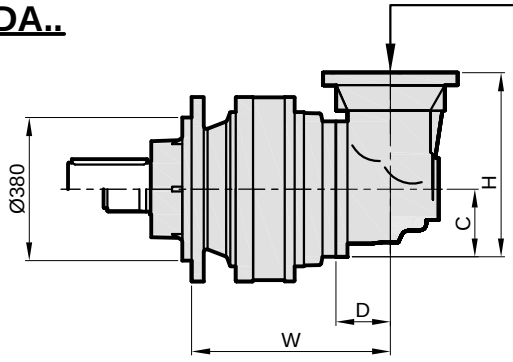
FC

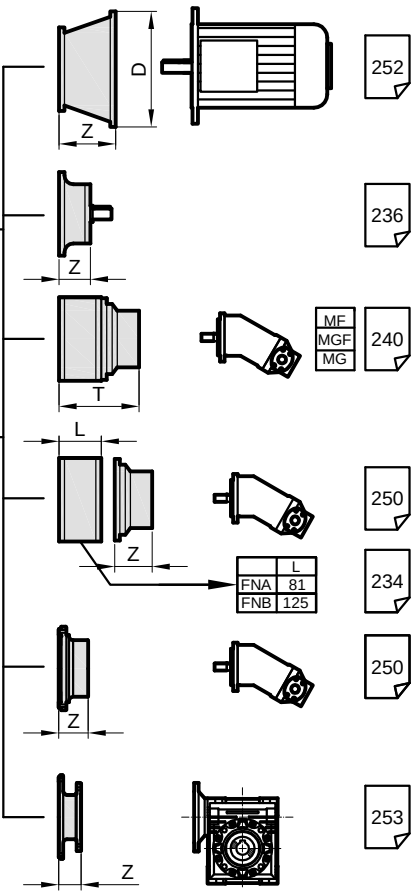


PD..



PDA..



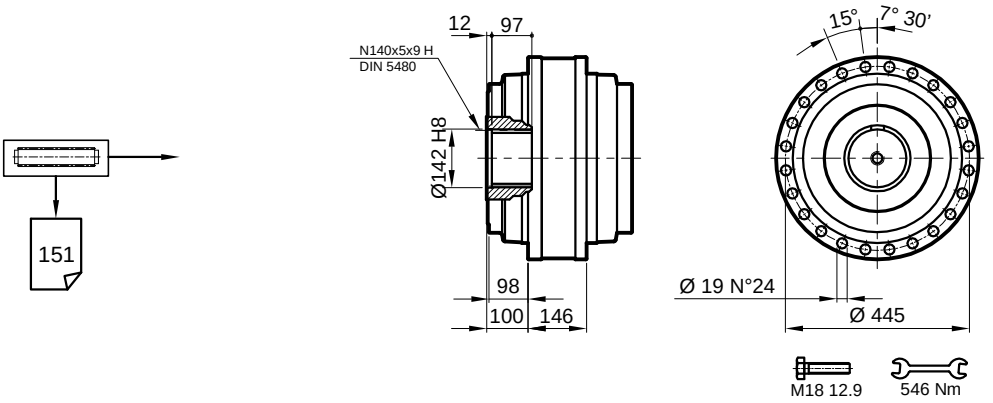


Stage	W	D	C	H	A	PD F	PDA F
S1	-	-	-	-	379,5	360	-
S2	560,5	88	235	550	486,5	419	410
S3	574,5	88	140	380	558	435	456
S4	659,5	88	140	380	619	443	475

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S1	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S2	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S3	185	32	200	60	250	71	300	104	350	120	400	148	450	148	-	-
S4	185	32	200	60	250	71	300	104	-	-	-	-	-	-	-	-

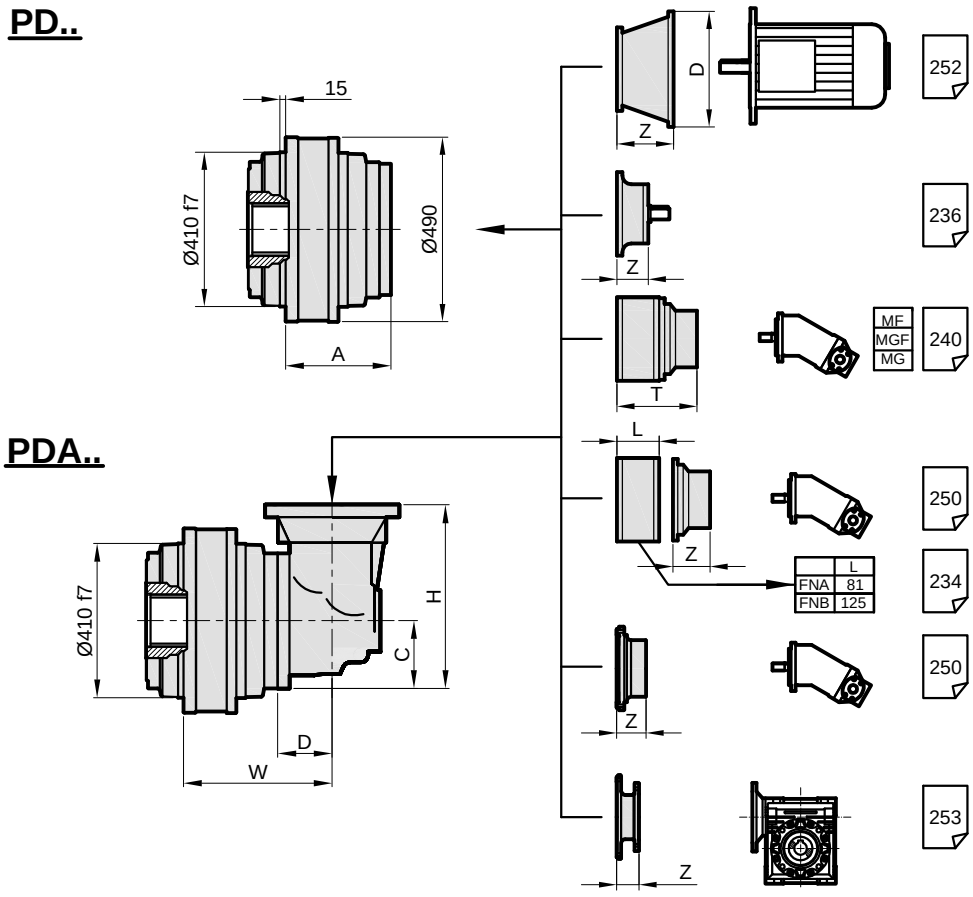
PD/PDA 123

S



PD..

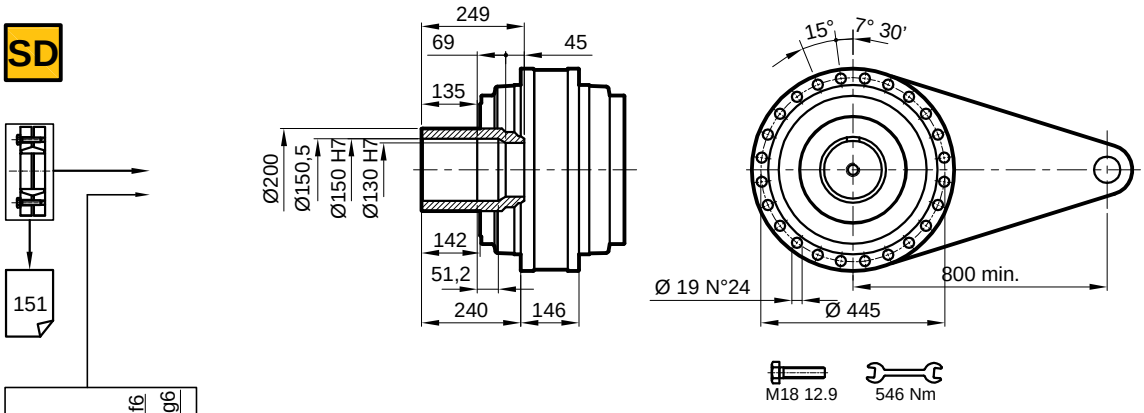
PDA..



Stage	W	D	C	H	A	PD S	PDA S
S1	-	-	-	-	251	256	-
S2	432	88	235	550	358	315	306
S3	446	88	140	380	429,5	331	293
S4	531	88	140	380	490,5	339	371

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S1	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S2	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S3	185	32	200	60	250	71	300	104	350	120	400	148	450	148	-	-
S4	185	32	200	60	250	71	300	104	-	-	-	-	-	-	-	-

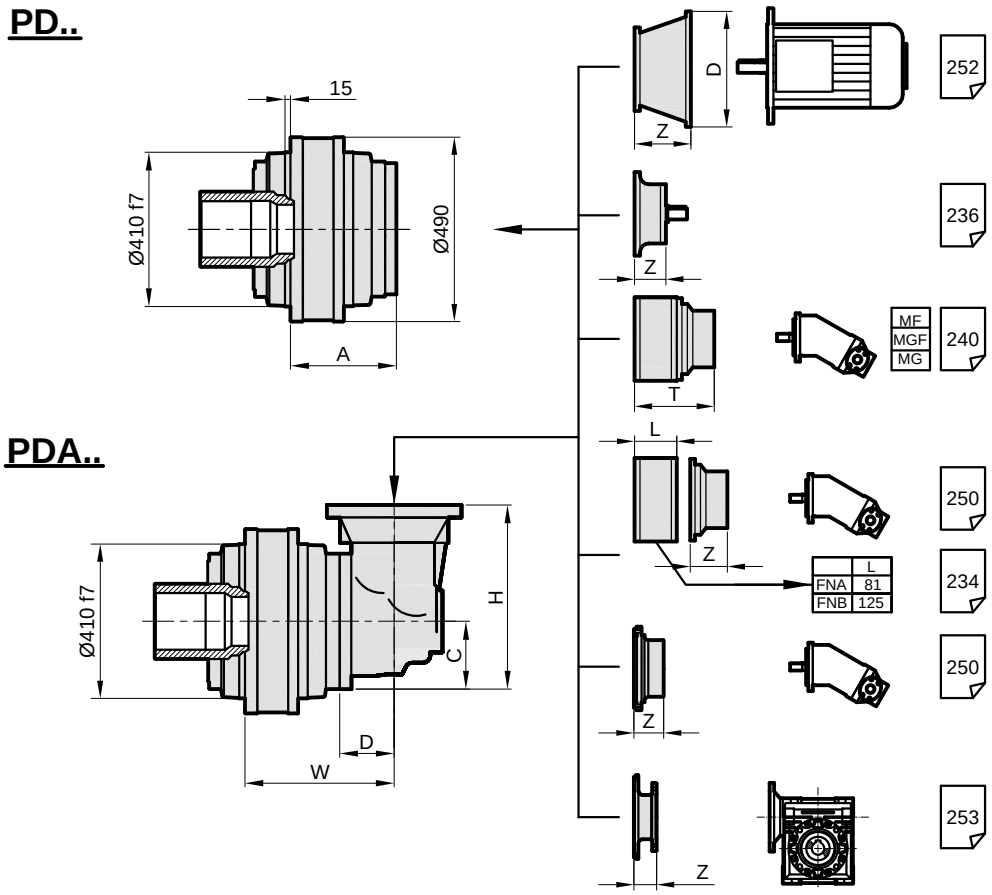
PD/PDA 123



M_{max} = 92,5 kNm

Belirtilen maksimum tork sadece PDS tarafından verilen sıkma bileziği ile mümkündür.
The maximum torque indicated is valid only with shrink discs supplied by PDS.
Das dargestellte , maximale Drehmoment gilt nur mit von PDS.

PD..



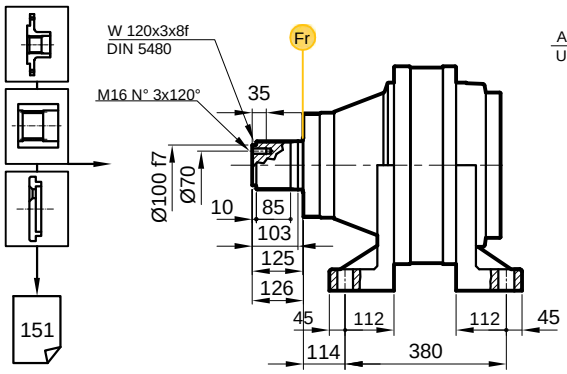
PDA..

Stage	W	D	C	H	A	PD SD	PDA SD
S1	-	-	-	-	251	269	-
S2	432	88	235	550	358	328	319
S3	446	88	140	380	429,5	344	306
S4	531	88	140	380	490,5	352	384

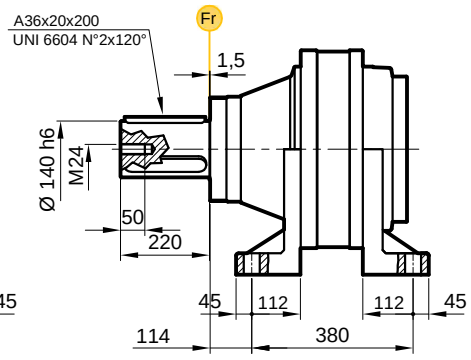
	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S1	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S2	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S3	185	32	200	60	250	71	300	104	350	120	400	148	450	148	-	-
S4	185	32	200	60	250	71	300	104	-	-	-	-	-	-	-	-

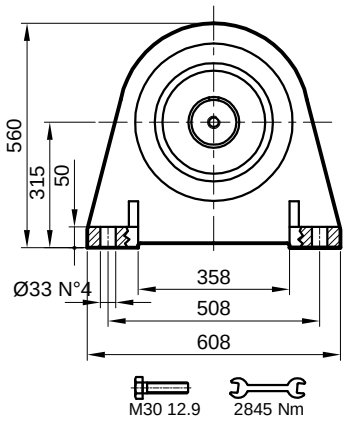
PD/PDA 123

FVS

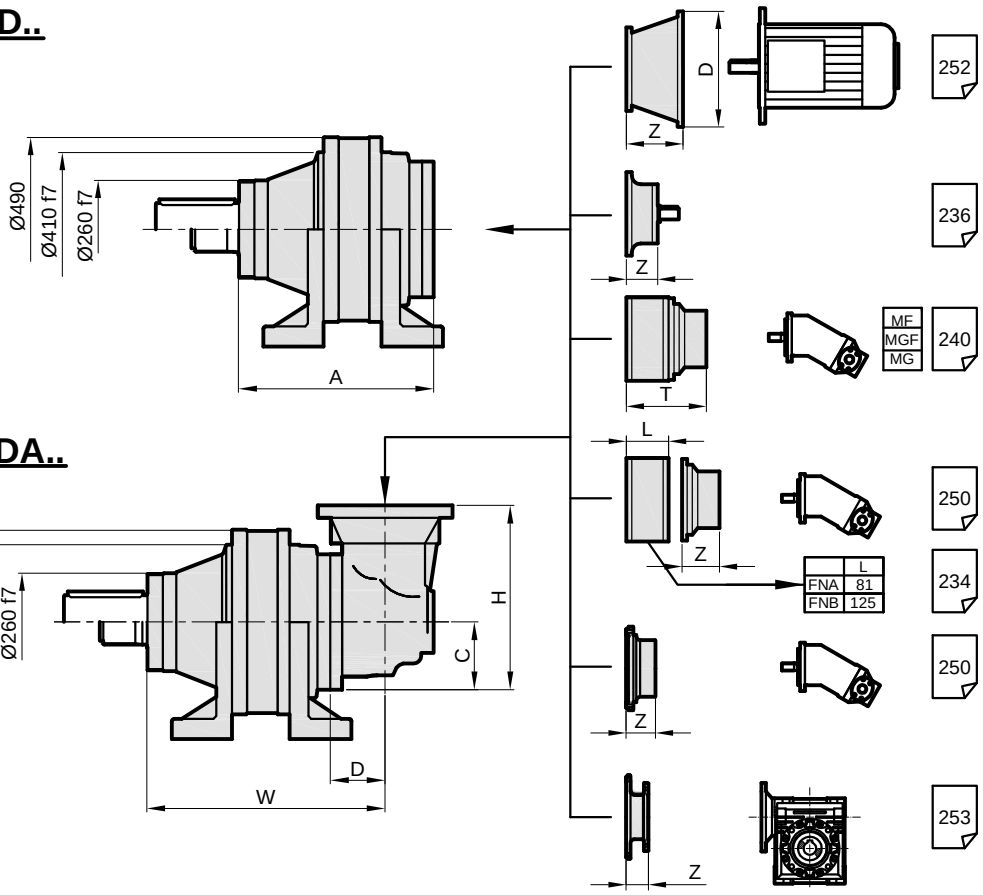


FVC

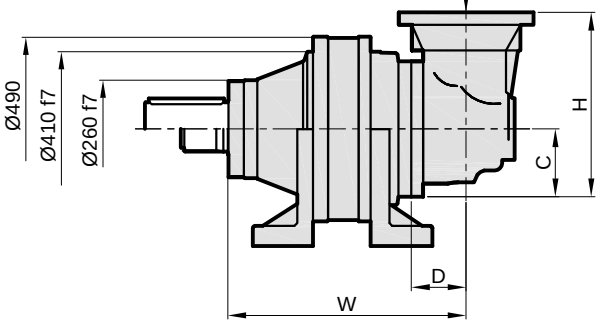




PD..



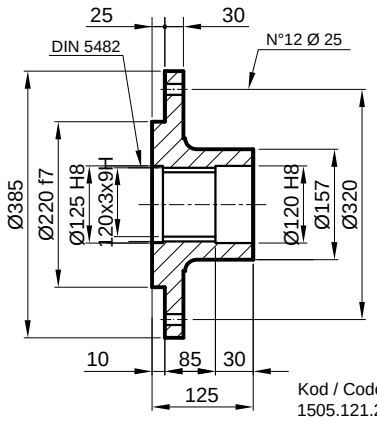
PDA..



Stage	W	D	C	H	A	PD / FVC	PDA / FVC
S1	-	-	-	-	486	418	-
S2	667	88	235	550	593	477	468
S3	681	88	140	380	664,5	493	514
S4	766	88	140	380	725	501	533

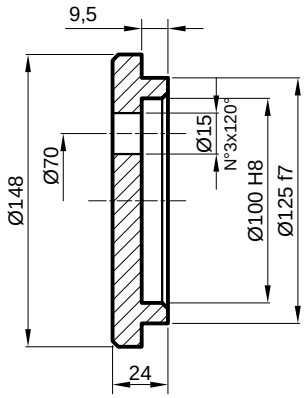
	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S1	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S2	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S3	185	32	200	60	250	71	300	104	350	120	400	148	450	148	-	-
S4	185	32	200	60	250	71	300	104	-	-	-	-	-	-	-	-

FL Flanş / *Flange* / Flansch



Kod / Code / Bestell
1505.121.200

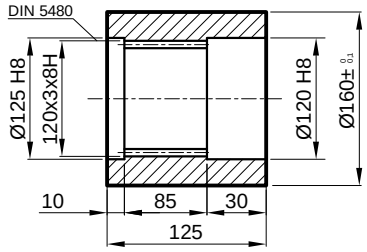
SP Sabitleme Pulu / *Stop bottom plate* / Endscheibe



Kod / Code / Bestell
1505.123.200

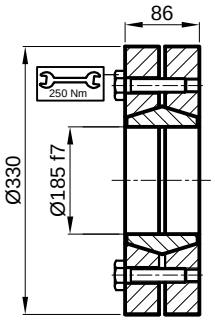
FK Frezeli Kaplin / *Spined bushing* Innenverzahnte Buchse

Malzeme /*Material* Material
UNI C40
SAE 1040
DIN Ck40



Kod / Code / Bestell
1503.123.100

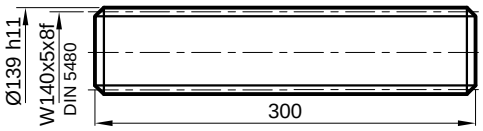
SB Sıkma Bileziği / Shrink disc Schrumpfscheibe



Maksimum tork
Max. torque
Max.Drehmoment
92,5 kNm

Kod / Code / Bestell
2501.117.001

FM Frezeli Mil / Splined rod Außenverzahnte Welle



Malzeme / Material
Material

UNI 39NiCrMo5
Sertleştirilmiş ve Temperlenmiş
Hardened and Tempered
Vergütet

Kod / Code / Bestell
1509.123.260

PD/PDA 123

RADYAL YÜK(Fr)

Aşağıdaki diyagramlar radyal yükleri ve k faktörlerini arzu edilen n_2x h değerlerinde verir.

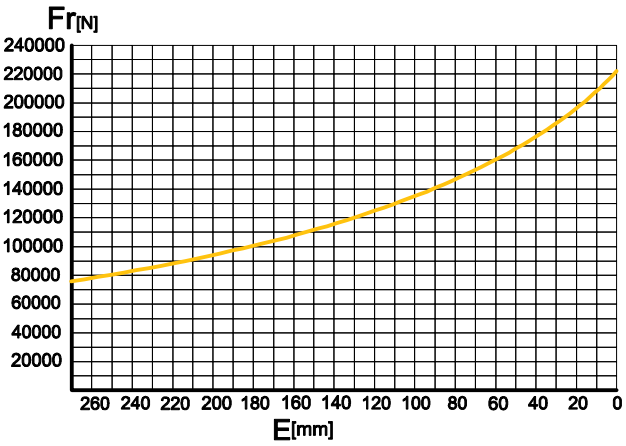
RADIAL LOADS(Fr)

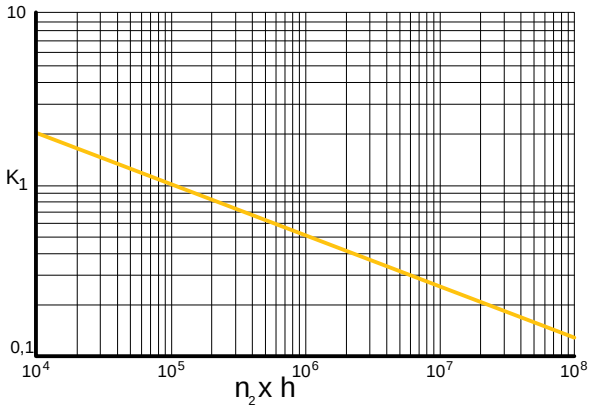
The following curves show the radial loads and the K factors to obtain the required n_2x h value.

RADIALLAST (Fr)

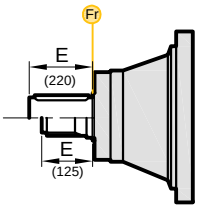
In den nachstehenden Diagrammen ist die Radiallast und der Koeffizient K dargestellt und kann mit dem gewünschten Wert n_2x h verglichen werden.

M-FV

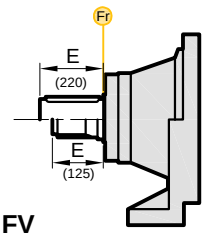




	nxh				
	10^5	10^4	10^6	10^7	10^8
M	Fr	Fr . K			
FV	Fr .0,75	Fr . K . 0,75			



M



FV

AKSİYEL YÜKLER (Fa)

Tablodaki aksiyel yük değerleri çıkış tipi ve tatbik edilen yük yönünde verilmiştir.

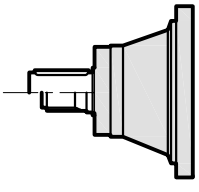
AXIAL LOADS (Fa)

The values of the awial loads in the table refer to the output versions and load directions of application.

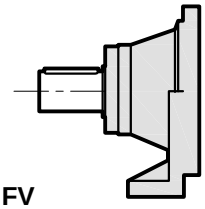
AXIALLAST (Fa)

Die dargestellten Werte der Axiallast basieren auf der Version und der applizierten Lastrichtung.

Fa [N]	M	FV	
	80000	80000	←
	120000	120000	→

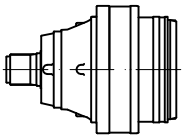


M

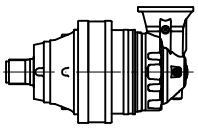


FV

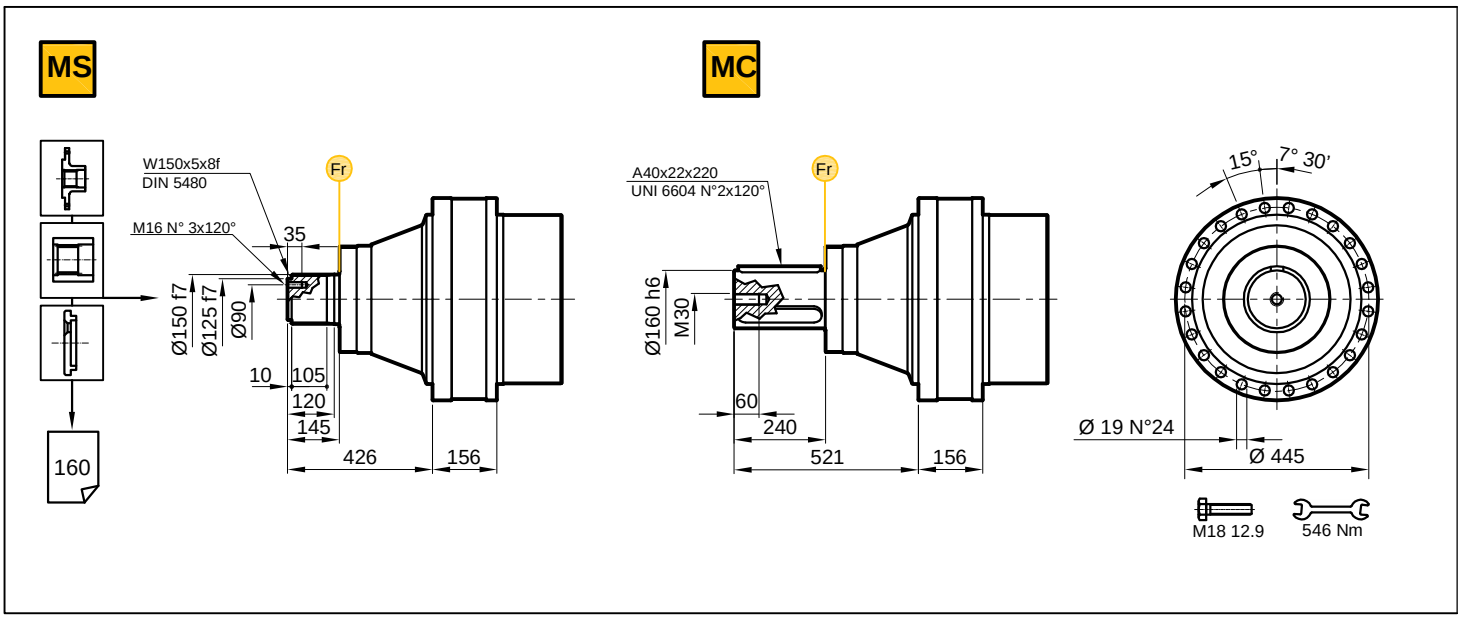
PD 125

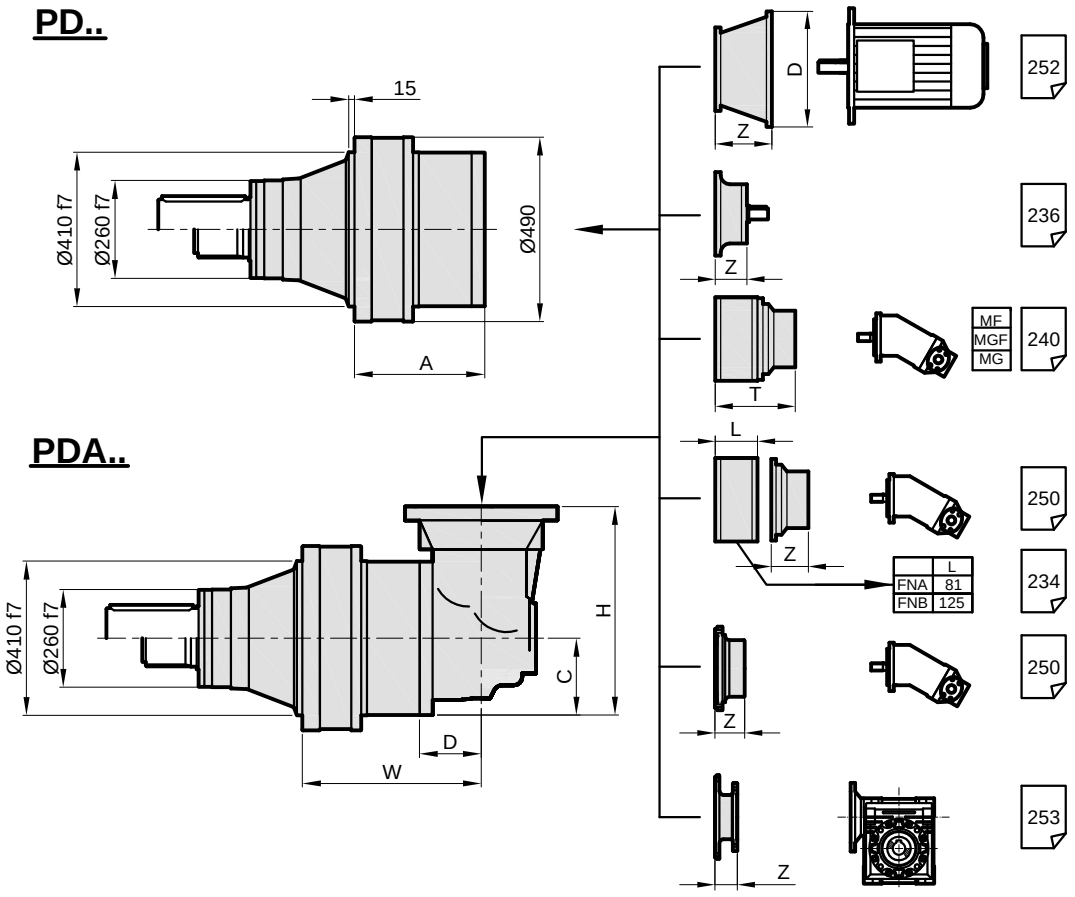
	i	T_2[Nm]				n_{1max} [min^{-1}]	T_{2max} [Nm]	P_t [kW]
		$n_2$xh						
		10 000	20 000	50 000	100 000			
PD 125 S1	3.83	78310	69310	58980	52210	1000	138620	60
PD 125 S2	15.3	78310	69310	58980	52210	1500	138620	50
	19.9	78310	69310	58980	52210	1500	138620	50
	23.9	78310	69310	58980	52210	1500	138620	50
PD 125 S3	56.2	78310	69310	58980	52210	2500	138620	35
	67.9	78310	69310	58980	52210	2500	138620	35
	73.1	78310	69310	58980	52210	2500	138620	35
	88.3	78310	69310	58980	52210	2500	138620	35
	99.7	78310	69310	58980	52210	2500	138620	35
	115.6	78310	69310	58980	52210	2500	138620	35
	139.0	78310	69310	58980	52210	2500	138620	35
	167.8	78310	69310	58980	52210	2500	138620	35
PD 125 S4	212.5	78310	69310	58980	52210	2800	138620	25
	256.6	78310	69310	58980	52210	2800	138620	25
	280.2	78310	69310	58980	52210	2800	138620	25
	301.6	78310	69310	58980	52210	2800	138620	25
	333.7	78310	69310	58980	52210	2800	138620	25
	364.3	78310	69310	58980	52210	2800	138620	25
	407.7	78310	69310	58980	52210	2800	138620	25
	456.3	78310	69310	58980	52210	2800	138620	25
	515.2	78310	69310	58980	52210	2800	138620	25
	556.2	78310	69310	58980	52210	2800	138620	25
	640.4	78310	69310	58980	52210	2800	138620	25
	694.1	78310	69310	58980	52210	2800	138620	25
	838.7	78310	69310	58980	52210	2800	138620	25
	1008.1	78310	69310	58980	52210	2800	138620	25

PDA 125

	i	T_2[Nm] $n_2$xh				n_{1max} [min^{-1}]	T_{2max} [Nm]	P_t [kW]
		10 000	20 000	50 000	100 000			
PDA 125 S3	47.1	78310	69310	58980	52210	2500	138620	35
	61.2	78310	69310	58980	52210	2500	138620	35
	71.6	78310	69310	58980	52210	2500	138620	35
	93.0	78310	69310	58980	52210	2500	138620	35
	111.8	78310	69310	58980	52210	2500	138620	35
PDA 125 S4	194.3	78310	69310	58980	52210	2800	138620	25
	234.7	78310	69310	58980	52210	2800	138620	25
	252.6	78310	69310	58980	52210	2800	138620	25
	265.0	78310	69310	58980	52210	2800	138620	25
	305.1	78310	69310	58980	52210	2800	138620	25
	344.5	78310	69310	58980	52210	2800	138620	25
	399.6	78310	69310	58980	52210	2800	138620	25
	417.6	78310	69310	58980	52210	2800	138620	25
	484.5	78310	69310	58980	52210	2800	138620	25
	578.0	78310	69310	58980	52210	2800	138620	25
	629.8	78310	69310	58980	52210	2800	138620	25
	757.0	78310	69310	58980	52210	2800	138620	25
	913.7	78310	69310	58980	52210	2800	138620	25

PD/PDA 125



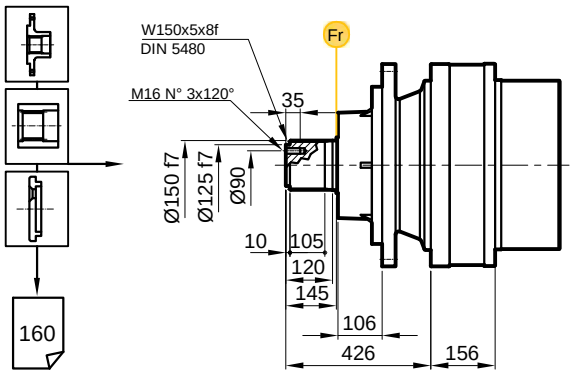


Stage	W	D	C	H	A	PD M	PDA M
S1	-	-	-	-	572	334	-
S2	-	-	-	-	754	450	-
S3	568	88	235	550	848	477	539
S4	670	88	140	380	907,5	489	514

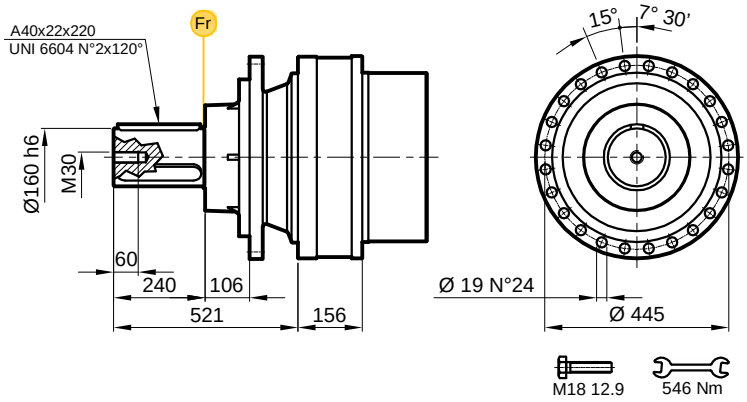
	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S1	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S2	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S3	-	-	-	-	-	-	300	104	350	120	400	148	450	148	550	183
S4	-	-	-	-	-	-	300	104	350	120	400	148	450	148	-	-

PD/PDA 125

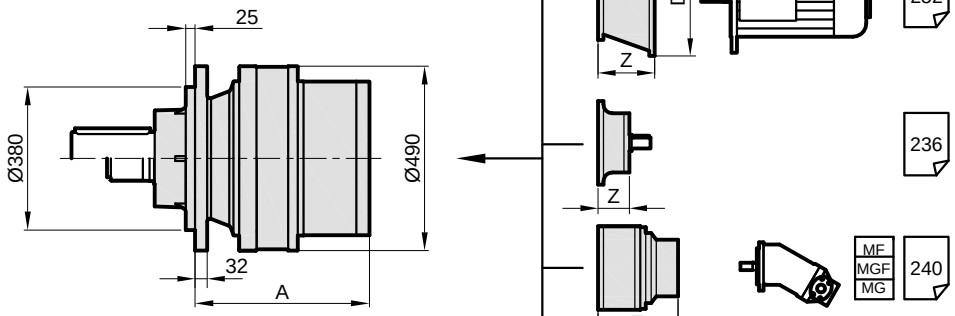
FS



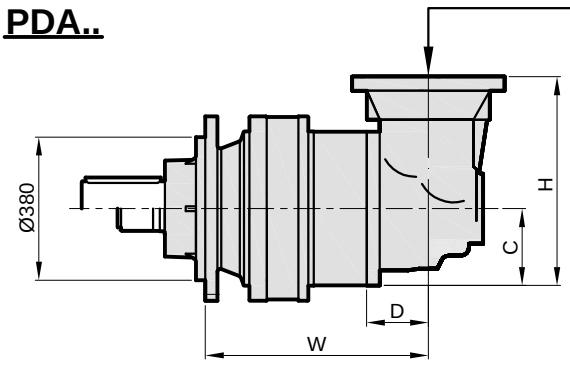
FC

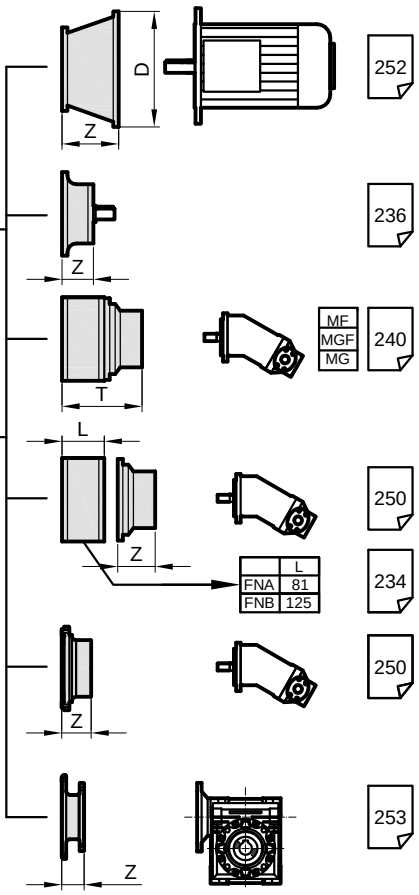


PD..



PDA..



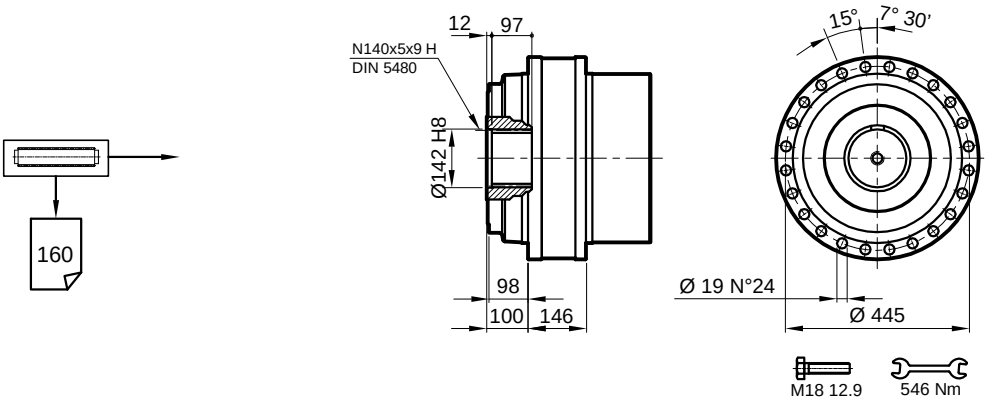


Stage	W	D	C	H	A	PD F	PDA F
S1	-	-	-	-	424,5	380	-
S2	-	-	-	-	531,5	439	-
S3	619,5	88	235	550	603	455	476
S4	704,5	88	140	380	664	463	495

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S1	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S2	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S3	-	-	-	-	-	-	300	104	350	120	400	148	450	148	550	183
S4	-	-	-	-	-	-	300	104	350	120	400	148	450	148	-	-

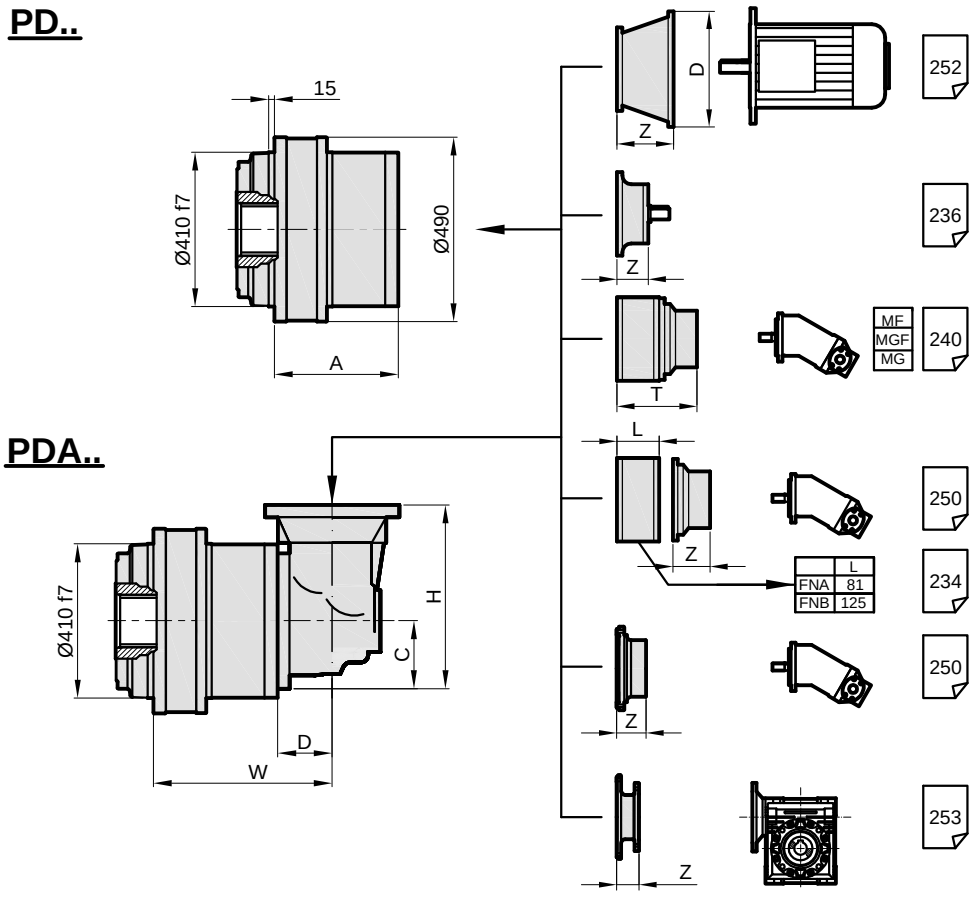
PD/PDA 125

S



PD..

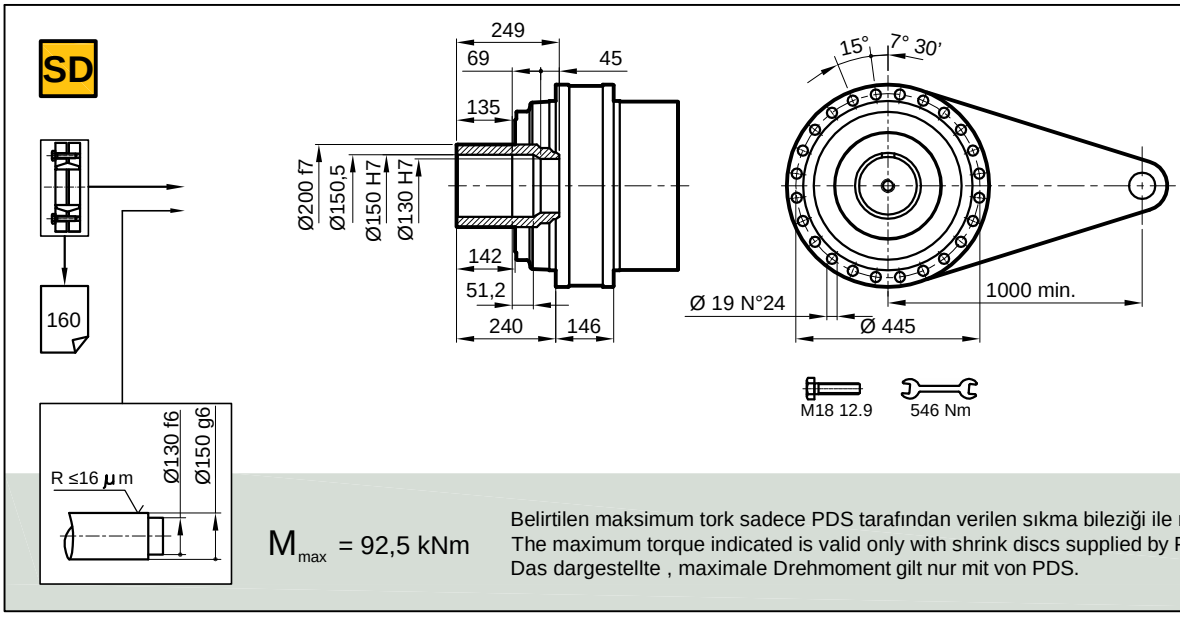
PDA..



Stage	W	D	C	H	A	PD S	PDA S
S1	-	-	-	-	296	276	-
S2	-	-	-	-	478	392	-
S3	558	88	235	550	572	419	481
S4	660	88	140	380	631,5	431	456

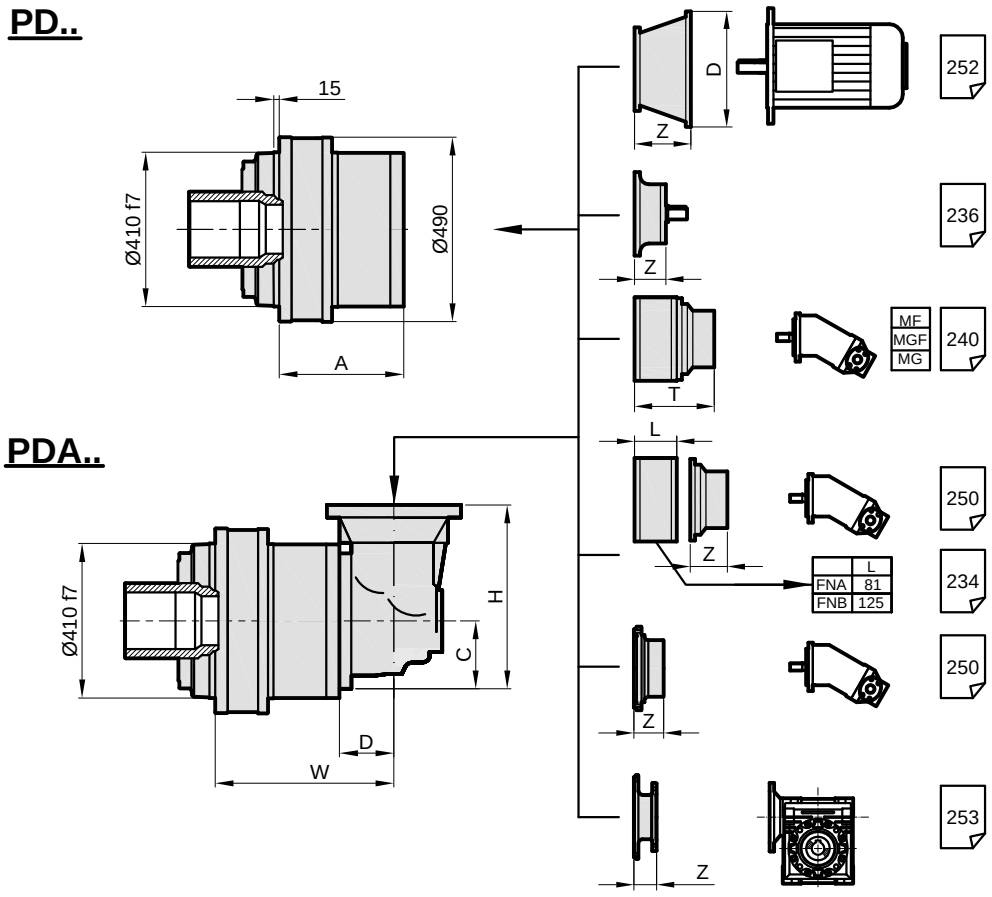
	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S1	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S2	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S3	-	-	-	-	-	-	300	104	350	120	400	148	450	148	550	183
S4	-	-	-	-	-	-	300	104	350	120	400	148	450	148	-	-

PD/PDA 125



M_{max} = 92,5 kNm

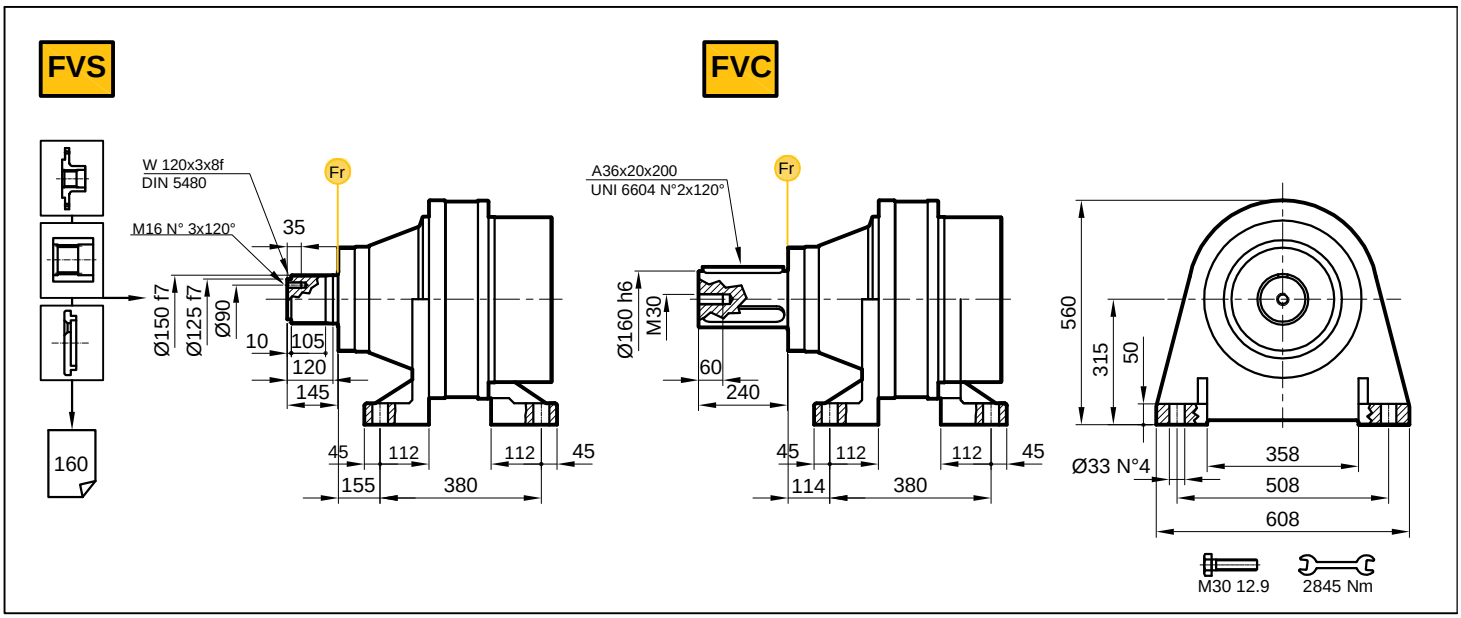
Belirtilen maksimum tork sadece PDS tarafından verilen sıkma bileziği ile mümkündür.
The maximum torque indicated is valid only with shrink discs supplied by PDS.
Das dargestellte , maximale Drehmoment gilt nur mit von PDS.

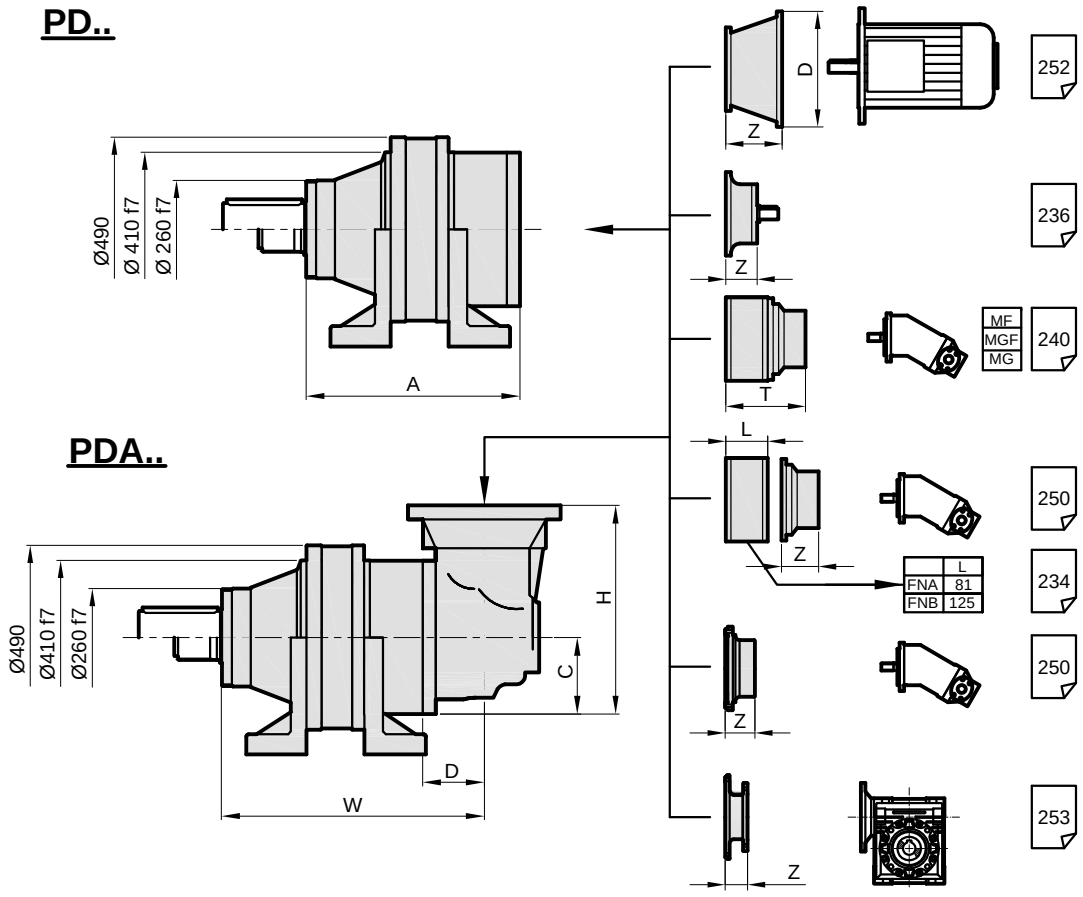


Stage	W	D	C	H	A	PD / SD	PDA / SD
S1	-	-	-	-	296	290	-
S2	-	-	-	-	478	406	-
S3	558	88	235	550	572	433	495
S4	660	88	140	380	631,5	445	470

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S1	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S2	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S3	-	-	-	-	-	-	300	104	350	120	400	148	450	148	550	183
S4	-	-	-	-	-	-	300	104	350	120	400	148	450	148	-	-

PD/PDA 125



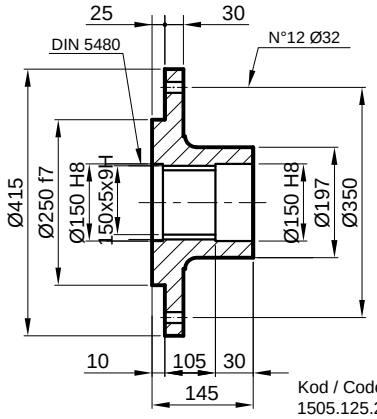


Stage	W	D	C	H	A	PD / FVC	PDA / FVC
S1	-	-	-	-	572	438	-
S2	-	-	-	-	754	554	-
S3	834	88	235	550	848	581	643
S4	936	88	140	380	907,5	593	618

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S1	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S2	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S3	-	-	-	-	-	-	300	104	350	120	400	148	450	148	550	183
S4	-	-	-	-	-	-	300	104	350	120	400	148	450	148	-	-

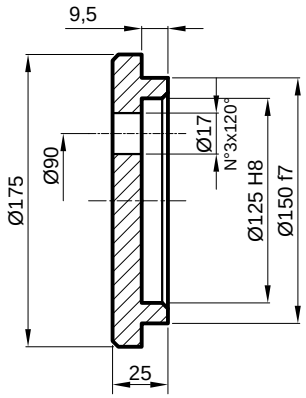
PD/PDA 125

FL Flanş / *Flange* / Flansch



Kod / Code / Bestell
1505.125.200

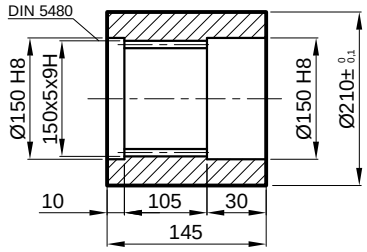
SP Sabitleme Pulu / *Stop bottom plate* / Endscheibe



Kod / Code / Bestell
1507.125.250

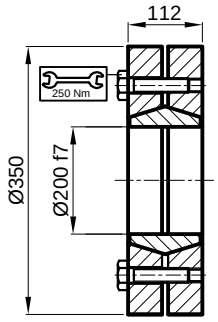
FK Frezeli Kaplin / *Spined bushing* Innenverzahnte Buchse

Malzeme /*Material* Material
UNI C40
SAE 1040
DIN Ck40



Kod / Code / Bestell
1503.125.100

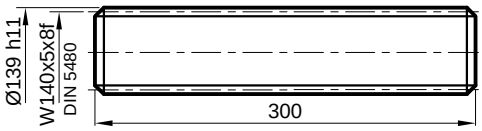
SB Sıkma Bileziği / Shrink disc Schrumpfscheibe



Maksimum tork
Max. torque
Max.Drehmoment
92,5 kNm

Kod / Code / Bestell
2501.123.001

FM Frezeli Mil / Splined rod Außenverzahnte Welle



Malzeme / Material
Material

UNI 39NiCrMo5
Sertleştirilmiş ve Temperlenmiş
Hardened and Tempered
Vergütet

Kod / Code / Bestell
1509.123.260

PD/PDA 125

RADYAL YÜK(Fr)

Aşağıdaki diyagramlar radyal yükleri ve k faktörlerini arzu edilen n_2x h değerlerinde verir.

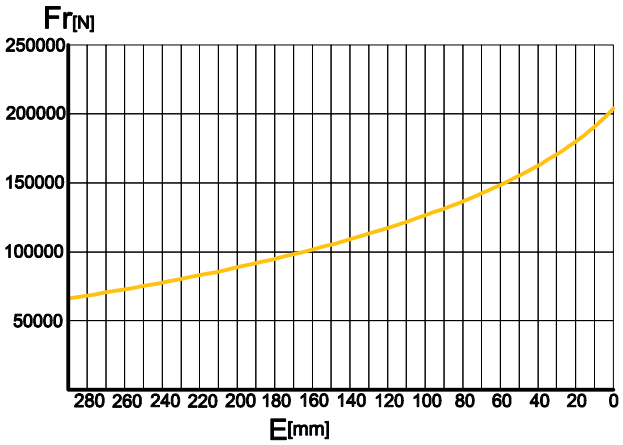
RADIAL LOADS(Fr)

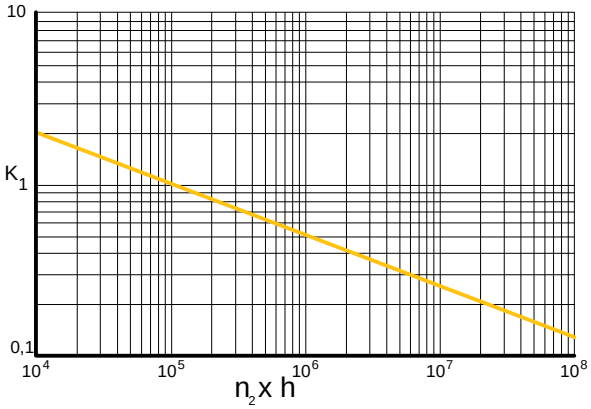
The following curves show the radial loads and the K factors to obtain the required n_2x h value.

RADIALLAST (Fr)

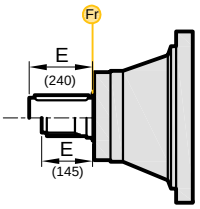
In den nachstehenden Diagrammen ist die Radiallast und der Koeffizient K dargestellt und kann mit dem gewünschten Wert n_2x h verglichen werden.

M-FV

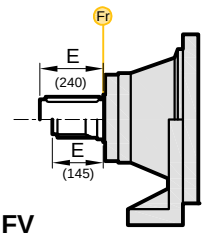




	nxh				
	10^5	10^4	10^6	10^7	10^8
M	Fr	Fr . K			
FV	Fr .0,75	Fr . K . 0,75			



M



FV

AKSİYEL YÜKLER (Fa)

Tablodaki aksiyel yük değerleri çıkış tipi ve tatbik edilen yük yönünde verilmiştir.

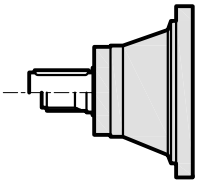
AXIAL LOADS (Fa)

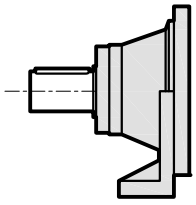
The values of the awial loads in the table refer to the output versions and load directions of application.

AXIALLAST (Fa)

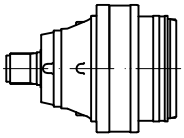
Die dargestellten Werte der Axiallast basieren auf der Version und der applizierten Lastrichtung.

Fa [N]	M	FV	
	50000	50000	←
	100000	100000	→

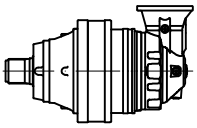




PD 127

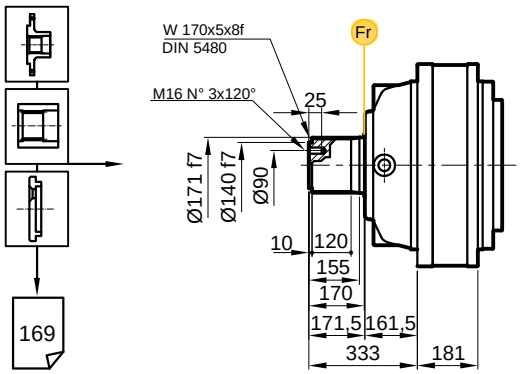
	i	T_2[Nm] $n_2$xh				n_{1max} [min^{-1}]	T_{2max} [Nm]	P_t [kW]
		10 000	20 000	50 000	100 000			
PD 127 S1	4.00	111850	99000	84250	74570	750	198000	80
	5.10	89260	79000	67230	59500	750	158000	80
PD 127 S2	16.1	111850	99000	84250	74570	1500	198000	65
	20.4	89260	79000	67230	59500	1500	158000	65
	21.0	111850	99000	84250	74570	1500	198000	65
	26.6	89260	79000	67230	59500	1500	158000	65
	31.9	89260	79000	67230	59500	1500	158000	65
PD 127 S3	59.3	111850	99000	84250	74570	1500	198000	45
	71.6	111850	99000	84250	74570	1500	198000	45
	80.8	111850	99000	84250	74570	1500	198000	45
	93.1	111850	99000	84250	74570	2500	198000	45
	105.1	111850	99000	84250	74570	2500	198000	45
	117.8	89260	79000	67230	59500	2500	158000	45
	121.9	111850	99000	84250	74570	2500	198000	45
	133.0	89260	79000	67230	59500	2500	158000	45
	154.3	89260	79000	67230	59500	2500	158000	45
	185.5	89260	79000	67230	59500	2500	158000	45
PD 127 S4	224.0	111850	99000	84250	74570	2500	198000	30
	244.6	111850	99000	84250	74570	2500	198000	30
	270.5	111850	99000	84250	74570	2500	198000	30
	306.3	111850	99000	84250	74570	2500	198000	30
	355.8	111850	99000	84250	74570	2500	198000	30
	398.3	111850	99000	84250	74570	2500	198000	30
	429.7	111850	99000	84250	74570	2500	198000	30
	462.5	111850	99000	84250	74570	2500	198000	30
	504.1	89260	79000	67230	59500	2800	158000	30
	543.9	89260	79000	67230	59500	2800	158000	30
	585.4	89260	79000	67230	59500	2800	158000	30
	630.7	111850	99000	84250	74570	2800	198000	30
	687.4	89260	79000	67230	59500	2800	158000	30
	742.0	89260	79000	67230	59500	2800	158000	30
	798.3	89260	79000	67230	59500	2800	158000	30
	854.4	89260	79000	67230	59500	2800	158000	30
	926.0	89260	79000	67230	59500	2800	158000	30
	1119.0	89260	79000	67230	59500	2800	158000	30
	1344.9	89260	79000	67230	59500	2800	158000	30
	1623.2	89260	79000	67230	59500	2800	158000	30

PDA 127

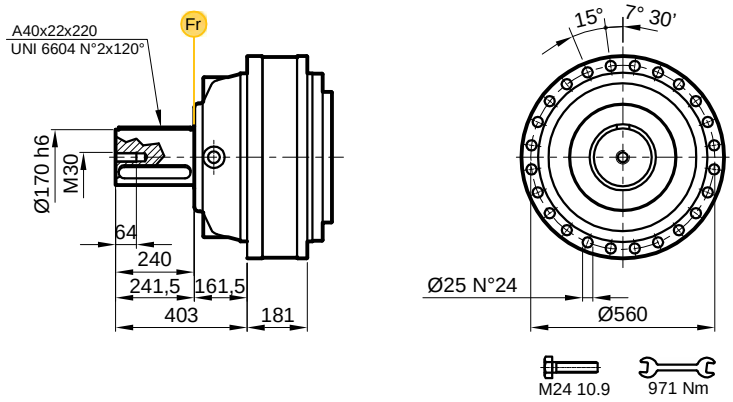
	i	T_2[Nm] $n_2$xh				n_{1max} [min^{-1}]	T_{2max} [Nm]	P_t [kW]
		10 000	20 000	50 000	100 000			
PDA 127 S3	49.6	111850	99000	84250	74570	2500	198000	45
	64.5	111850	99000	84250	74570	2500	198000	45
	81.7	89260	79000	67230	59500	2500	158000	45
	95.5	89260	79000	67230	59500	2500	158000	45
	124.1	89260	79000	67230	59500	2500	158000	45
	149.2	89260	79000	67230	59500	2500	158000	45
PDA 127 S4	247.4	111850	99000	84250	74570	2800	198000	30
	266.3	111850	99000	84250	74570	2800	198000	30
	322.8	111850	99000	84250	74570	2800	198000	30
	389.9	111850	99000	84250	74570	2800	198000	30
	419.7	111850	99000	84250	74570	2800	198000	30
	459.6	89260	79000	67230	59500	2800	158000	30
	506.9	111850	99000	84250	74570	2800	198000	30
	572.3	111850	99000	84250	74570	2800	198000	30
	638.4	89260	79000	67230	59500	2800	158000	30
	663.9	111850	99000	84250	74570	2800	198000	30
	724.4	89260	79000	67230	59500	2800	158000	30
	771.1	89260	79000	67230	59500	2800	158000	30
	840.3	89260	79000	67230	59500	2800	158000	30
	1010.0	89260	79000	67230	59500	2800	158000	30

PD/PDA 127

MS

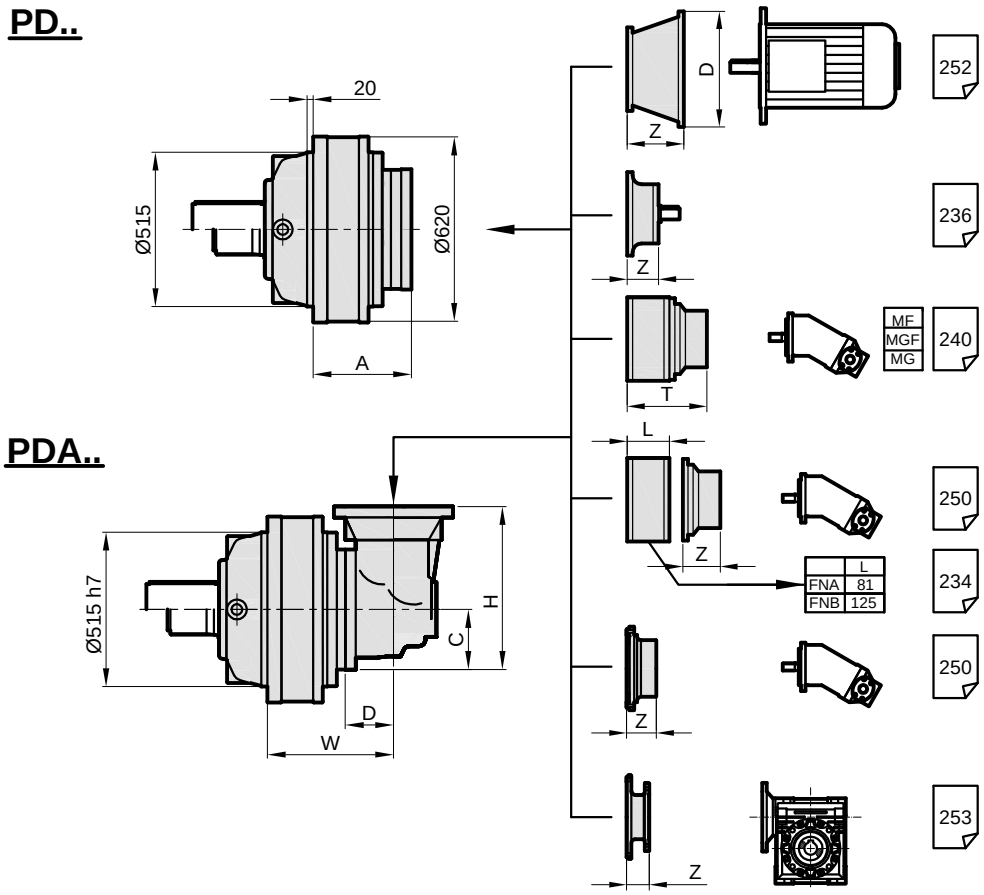


MC



PD..

PDA..

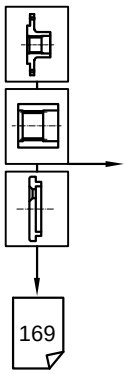


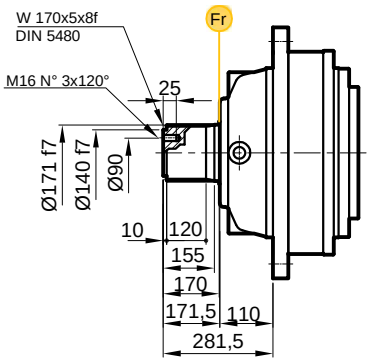
Stage	W	D	C	H	A	PD M	PDA M
S1	-	-	-	-	293	519	-
S2	-	-	-	-	475	635	-
S3	555	88	235	550	569	662	699
S4	657	88	140	380	628,5	673	720

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S2	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S3	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S4	-	-	-	-	250	71	300	104	350	120	400	148	450	148	-	-

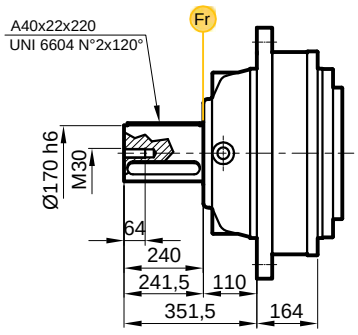
PD/PDA 127

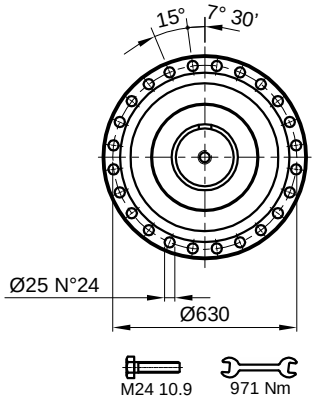
FS





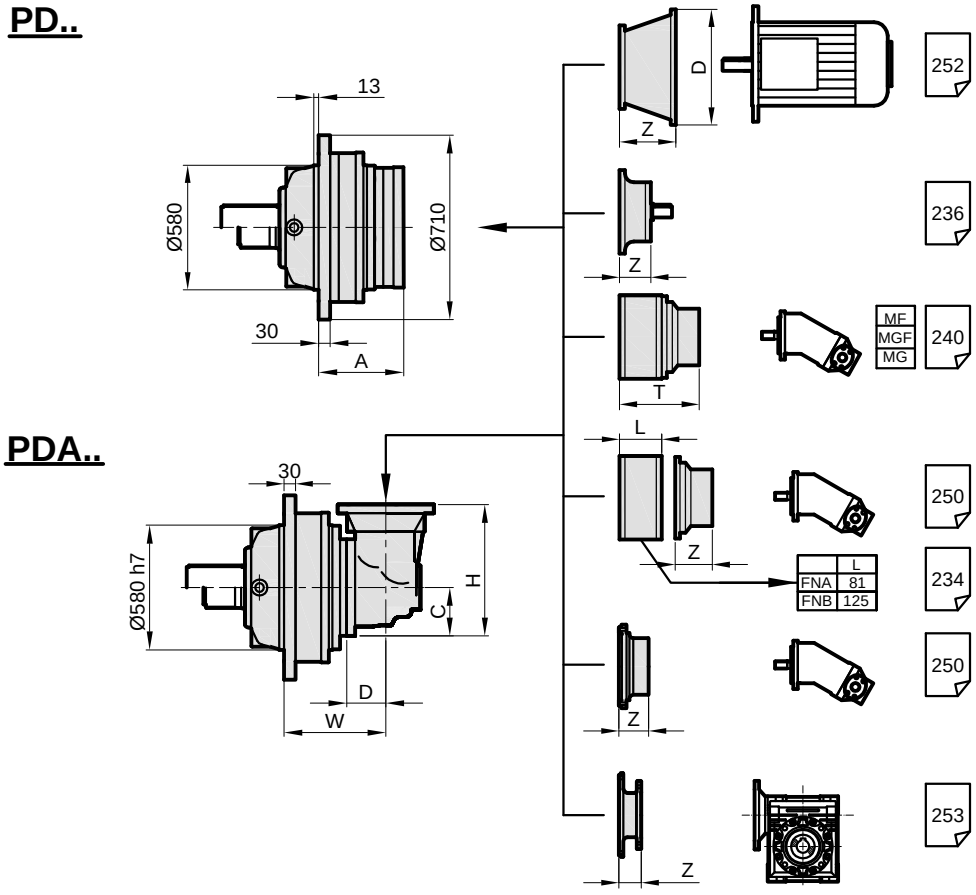
FC





PD..

PDA..

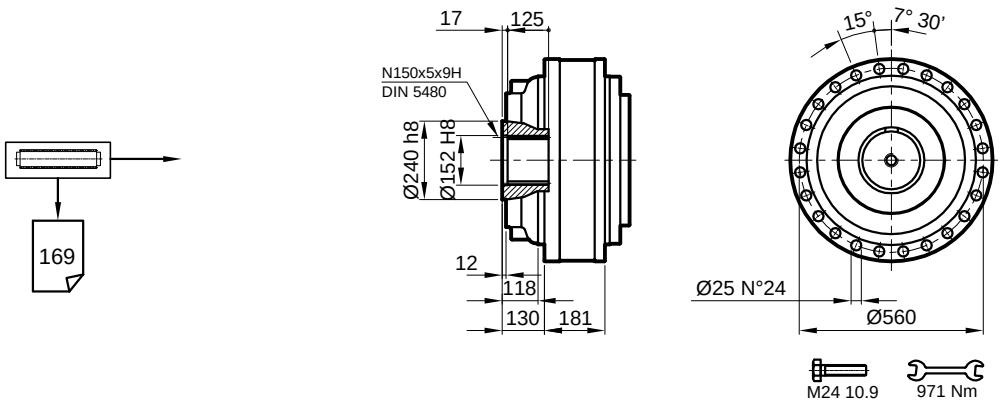


Stage	W	D	C	H	A	PD F	PDA F
S1	-	-	-	-	276	519	-
S2	-	-	-	-	458	635	-
S3	538	88	235	550	552	662	699
S4	640	88	140	380	611,5	673	720

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S2	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S3	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S4	-	-	-	-	250	71	300	104	350	120	400	148	450	148	-	-

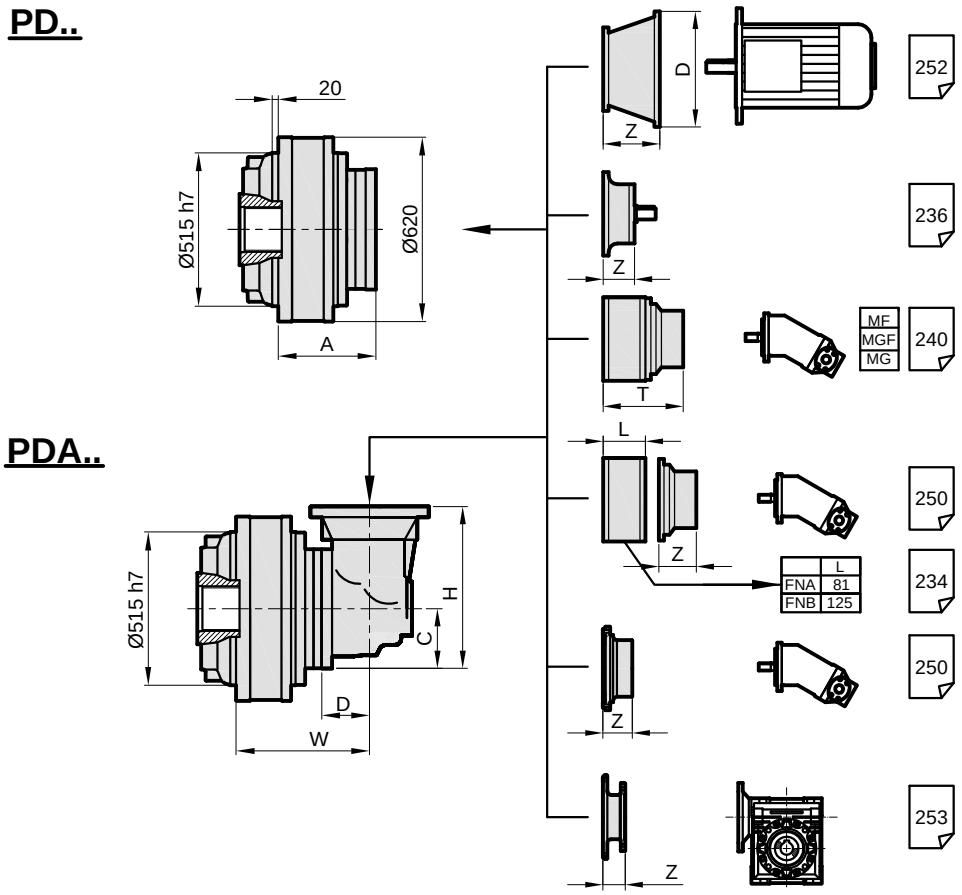
PD/PDA 127

S



PD..

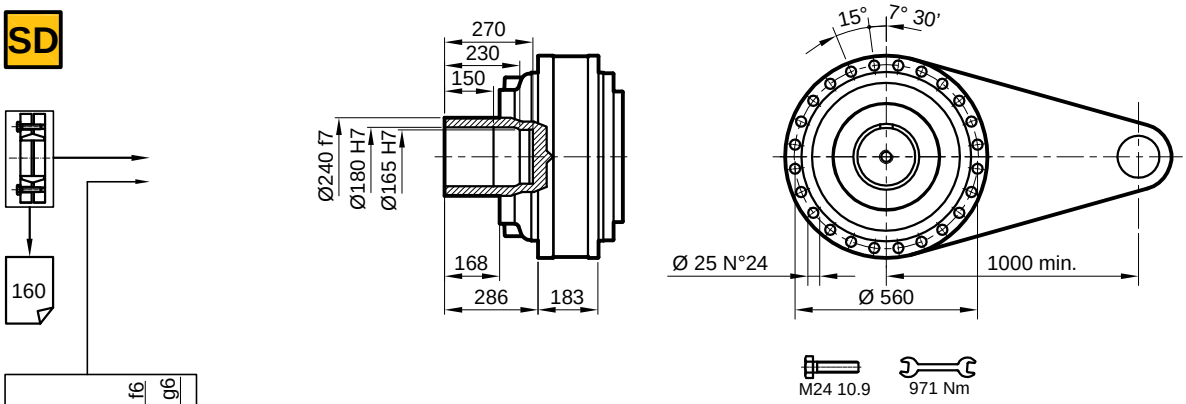
PDA..



Stage	W	D	C	H	A	PD S	PDA S
S1	-	-	-	-	293	423	-
S2	-	-	-	-	475	539	-
S3	555	88	235	550	569	566	603
S4	657	88	140	380	628,5	577	624

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S2	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S3	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S4	-	-	-	-	250	71	300	104	350	120	400	148	450	148	-	-

PD/PDA 127

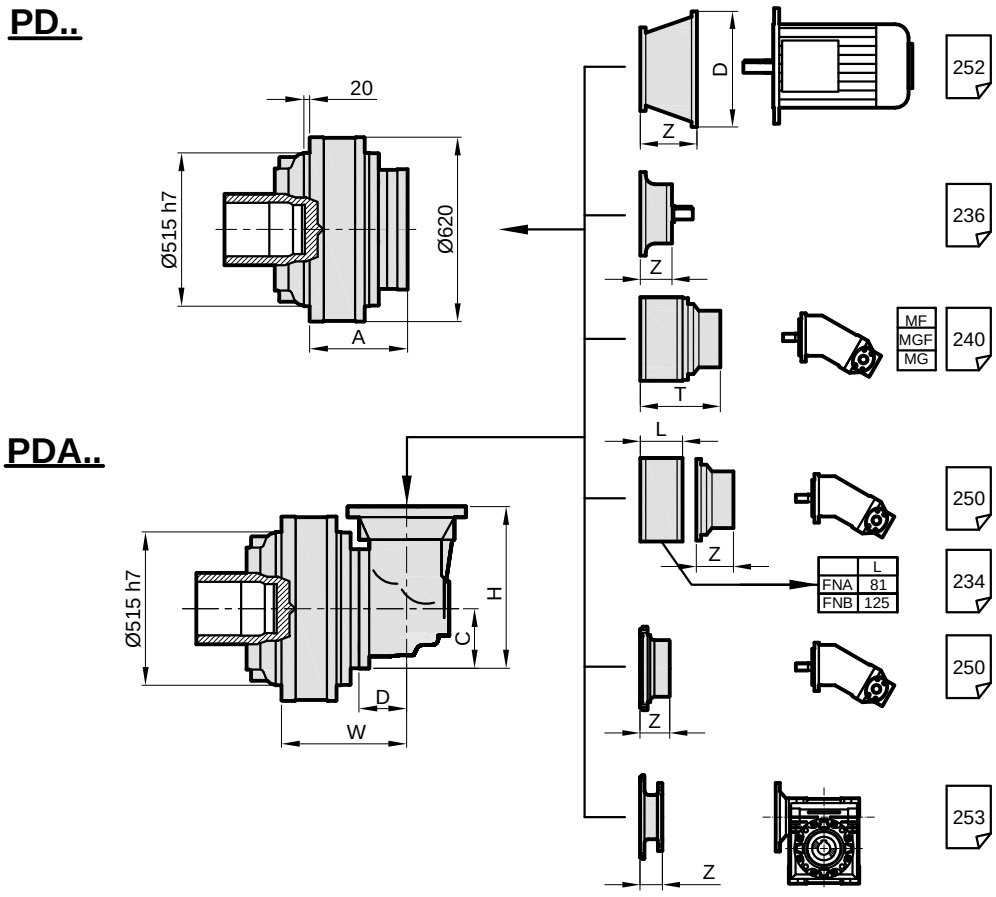


M_{max} = 176 kNm

Belirtilen maksimum tork sadece PDS tarafından verilen sıkma bileziği ile mümkündür.
The maximum torque indicated is valid only with shrink discs supplied by PDS.
Das dargestellte , maximale Drehmoment gilt nur mit von PDS.

PD..

PDA..

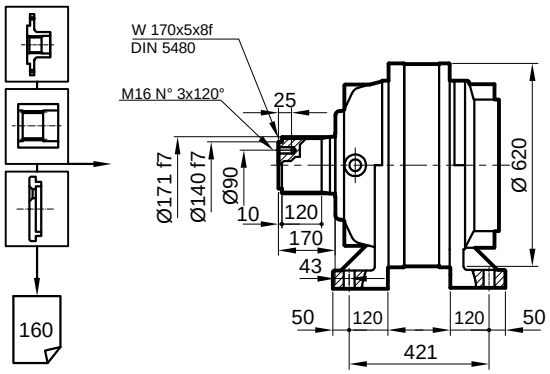


Stage	W	D	C	H	A	PD SD	PDA SD
S1	-	-	-	-	293	445	-
S2	-	-	-	-	475	561	-
S3	555	88	235	550	569	588	625
S4	657	88	140	380	628,5	599	646

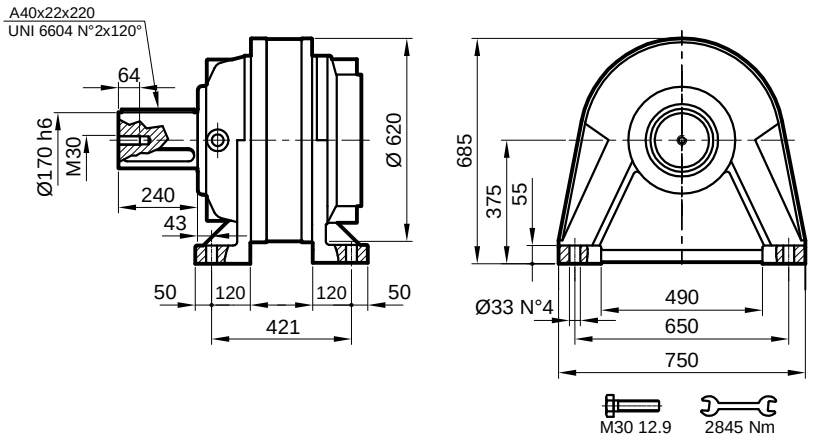
	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S2	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S3	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S4	-	-	-	-	250	71	300	104	350	120	400	148	450	148	-	-

PD/PDA 127

FVS

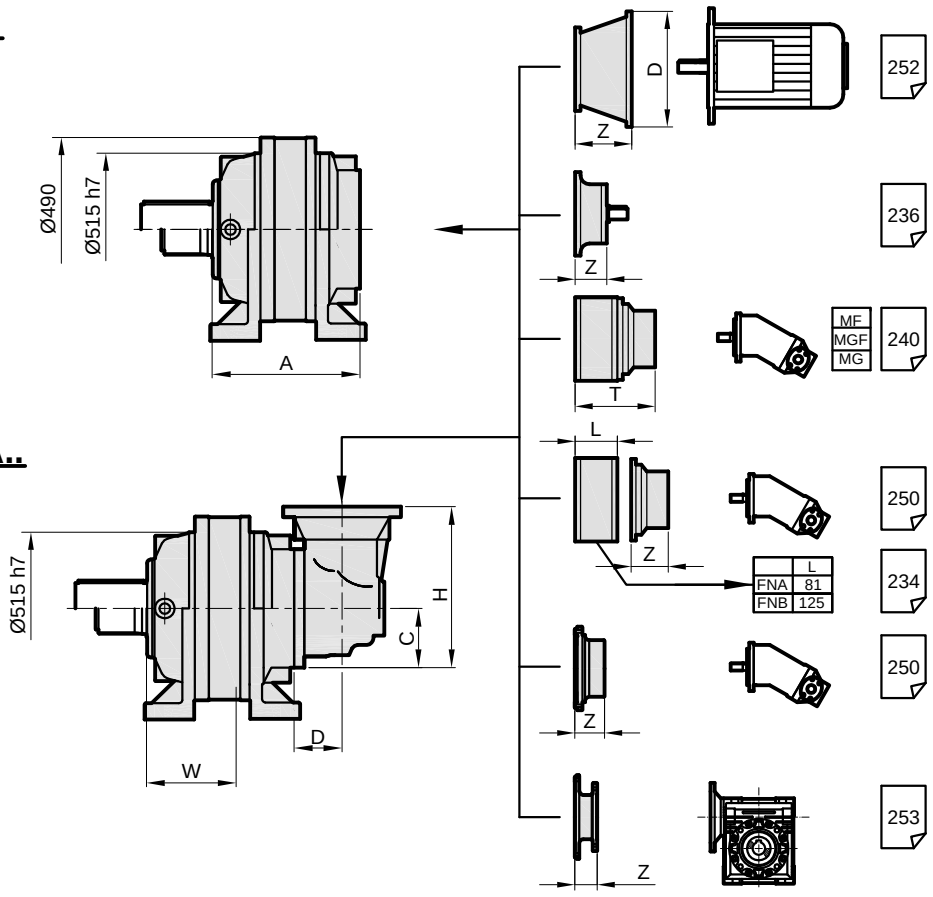


FVC



PD..

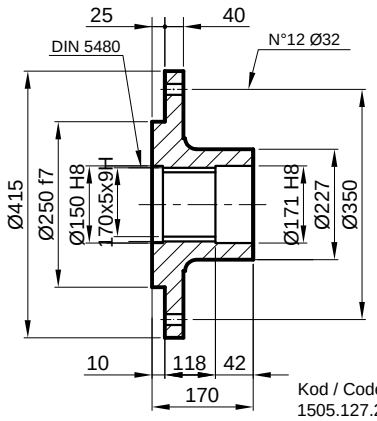
PDA..



Stage	W	D	C	H	A	PD / FVC	PDA / FVC
S1	-	-	-	-	456	691	-
S2	-	-	-	-	638	807	-
S3	718	88	235	550	732	834	871
S4	820	88	140	380	791,5	845	892

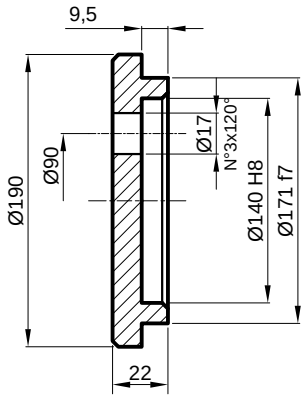
	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S2	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S3	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S4	-	-	-	-	250	71	300	104	350	120	400	148	450	148	-	-

FL Flanş / *Flange* / Flansch



Kod / Code / Bestell
1505.127.200

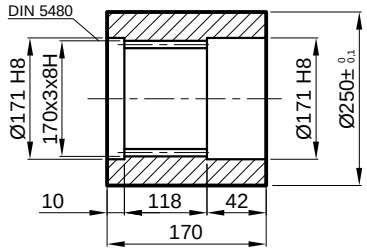
SP Sabitleme Pulu / *Stop bottom plate* / Endscheibe



Kod / Code / Bestell
1507.127.250

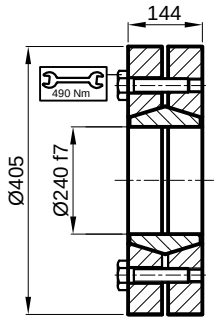
FK Frezeli Kaplin / *Spined bushing* Innenverzahnte Buchse

Malzeme /*Material* Material
UNI C40
SAE 1040
DIN Ck40



Kod / Code / Bestell
1503.127.100

SB Sıkma Bileziği / Shrink disc Schrumpfscheibe



Maksimum tork
Max. torque
Max.Drehmoment
176 kNm

Kod / Code / Bestell
2501.127.001

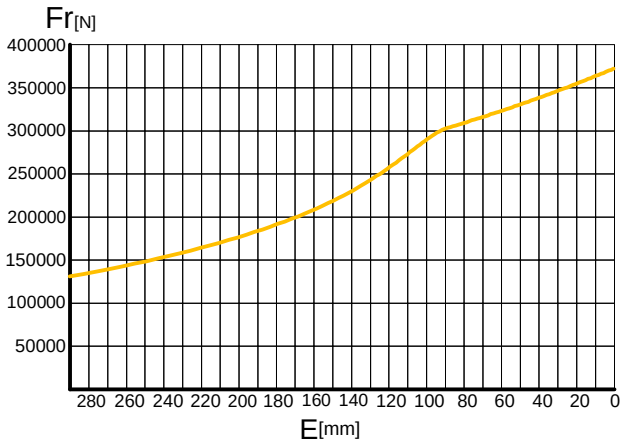
PD/PDA 127

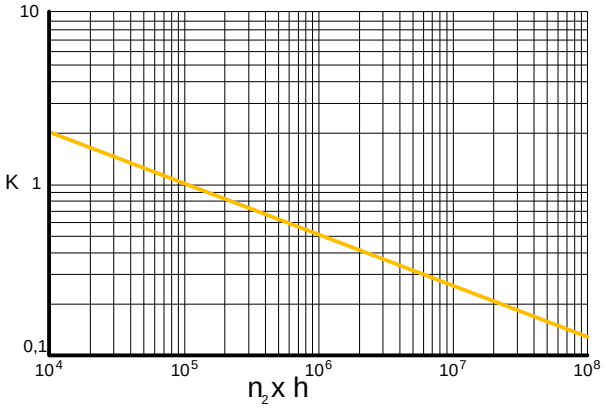
RADYAL YÜK(Fr)
Aşağıdaki diyagramlar radyal yükleri ve k faktörlerini arzu edilen n_2x h değerlerinde verir.

RADIAL LOADS(Fr)
The following curves show the radial loads and the K factors to obtain the required n_2x h value.

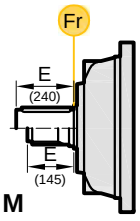
RADIALLAST (Fr)
In den nachstehenden Diagrammen ist die Radiallast und der Koeffizient K dargestellt und kann mit dem gewünschten Wert n_2x h verglichen werden.

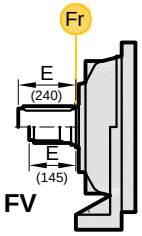
M-FV





	nxh				
	10^5	10^4	10^6	10^7	10^8
M	Fr	Fr . K			
FV	Fr .0,75	Fr . K . 0,75			



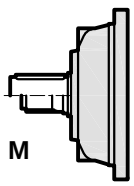


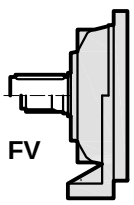
AKSİYEL YÜKLER (Fa)
Tablodaki aksiyel yük değerleri çıkış tipi ve tatbik edilen yük yönünde verilmiştir.

AXIAL LOADS (Fa)
The values of the awial loads in the table refer to the output versions and load directions of application.

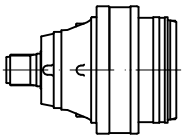
AXIALLAST (Fa)
Die dargestellten Werte der Axiallast basieren auf der Version und der applizierten Lastrichtung.

Fa [N]	M	FV	
	40000	40000	←
	70000	70000	→

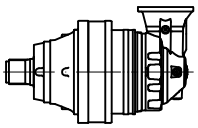




PD 129

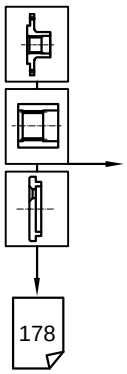
	i	T_2 [Nm] $n_2$xh				n_{1max} [min^{-1}]	T_{2max} [Nm]	P_t [kW]
		10 000	20 000	50 000	100 000			
PD 129 S1	3.83	156600	140900	122700	115000	200	211350	75
	4.40	144800	130300	113400	110000	200	195450	75
PD 129 S2	15.33	156600	140900	122700	115000	1500	211350	60
	18.04	156600	140900	122700	115000	1500	211350	60
	20.71	144800	130300	113400	110000	1500	195450	60
PD 129 S3	54.52	156600	140900	122700	115000	2000	211350	40
	65.71	156600	140900	122700	115000	2000	211350	40
	75.43	144800	130300	113400	110000	2000	195450	40
	88.74	144800	130300	113400	110000	2000	195450	40
	115.95	144800	130300	113400	110000	2000	195450	40
	139.77	144800	130300	113400	110000	2000	195450	40
PD 129 S4	205.96	156600	140900	122700	115000	2000	211350	40
	248.25	156600	140900	122700	115000	2000	211350	40
	271.07	156600	140900	122700	115000	2000	211350	40
	281.68	156600	140900	122700	115000	2800	211350	30
	311.14	144800	130300	113400	110000	2800	195450	30
	335.24	144800	130300	113400	110000	2800	195450	30
	380.38	144800	130300	113400	110000	2800	195450	30
	395.26	156600	140900	122700	115000	2800	211350	30
	443.64	156600	140900	122700	115000	2800	211350	30
	476.43	156600	140900	122700	115000	2800	211350	30
	546.86	144800	130300	113400	110000	2800	195450	30
	599.09	144800	130300	113400	110000	2800	195450	30
	643.36	144800	130300	113400	110000	2800	195450	30
	695.72	144800	130300	113400	110000	2800	195450	30
	840.66	144800	130300	113400	110000	2800	195450	30
	1113.29	144800	130300	113400	110000	2800	195450	30
PD 129 S5	732.30	156600	140900	122700	115000	2800	211350	21
	799.61	156600	140900	122700	115000	2800	211350	21
	882.68	156600	140900	122700	115000	2800	211350	21
	963.81	156600	140900	122700	115000	2800	211350	21
	1001.53	156600	140900	122700	115000	2800	211350	21
	1063.95	156600	140900	122700	115000	2800	211350	21
	1153.37	156600	140900	122700	115000	2800	211350	21
	1207.20	156600	140900	122700	115000	2800	211350	21
	1390.22	156600	140900	122700	115000	2800	211350	21
	1577.40	156600	140900	122700	115000	2800	211350	21
	1693.97	156600	140900	122700	115000	2800	211350	21
	1829.73	156600	140900	122700	115000	2800	211350	21
	2208.00	156600	140900	122700	115000	2800	211350	21
	2661.43	156600	140900	122700	115000	2800	211350	21
	2956.80	144800	130300	113400	110000	2800	195450	21
	3228.56	144800	130300	113400	110000	2800	195450	21
	3691.29	144800	130300	113400	110000	2800	195450	21
	4043.86	144800	130300	113400	110000	2800	195450	21
	5674.45	144800	130300	113400	110000	2800	195450	21

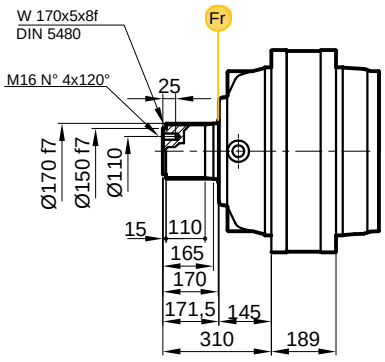
PDA 129

	i	T_2[Nm] $n_2$xh				n_{1max} [min^{-1}]	T_{2max} [Nm]	P_t [kW]
		10 000	20 000	50 000	100 000			
PDA 129 S4	167.45	156600	140900	122700	115000	2500	211350	28
	201.84	156600	140900	122700	115000	2500	211350	28
	272.56	144800	130300	113400	110000	2500	195450	28
	306.67	156600	140900	122700	115000	2500	211350	28
	356.14	144800	130300	113400	110000	2500	195450	28
	414.12	144800	130300	113400	110000	2500	195450	28
	459.95	144800	130300	113400	110000	2500	195450	28
	541.11	144800	130300	113400	110000	2500	195450	28
	652.24	144800	130300	113400	110000	2500	195450	28
PDA 129 S5	711.49	156600	140900	122700	115000	2800	211350	20
	857.60	156600	140900	122700	115000	2800	211350	20
	973.07	156600	140900	122700	115000	2800	211350	20
	1074.8	144800	130300	113400	110000	2800	195450	20
	1224.4	156600	140900	122700	115000	2800	211350	20
	1351.6	156600	140900	122700	115000	2800	211350	20
	1514.2	144800	130300	113400	110000	2800	195450	20
	1694.0	144800	130300	113400	110000	2800	195450	20
	1992.9	144800	130300	113400	110000	2800	195450	20
	2146.6	156600	140900	122700	115000	2800	195450	20
	2496.2	144800	130300	113400	110000	2800	195450	20
	2772.4	144800	130300	113400	110000	2800	195450	20
	3138.8	144800	130300	113400	110000	2800	195450	20
	3219.6	144800	130300	113400	110000	2800	195450	20
	3502.7	144800	130300	113400	110000	2800	195450	20
	3931.5	144800	130300	113400	110000	2800	195450	20
	4576.9	144800	130300	113400	110000	2800	195450	20
	5516.8	144800	130300	113400	110000	2800	195450	20

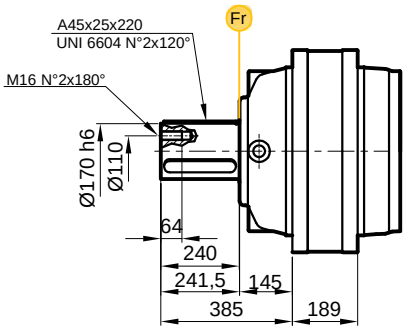
PD/PDA 129

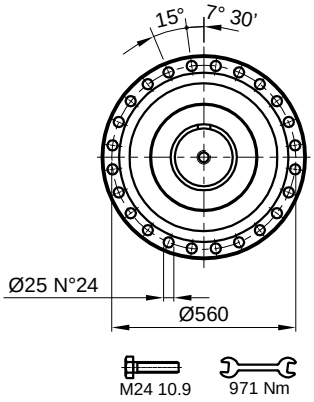
MS



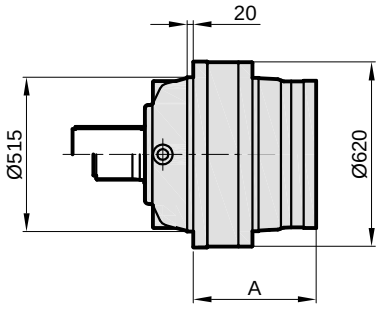


MC

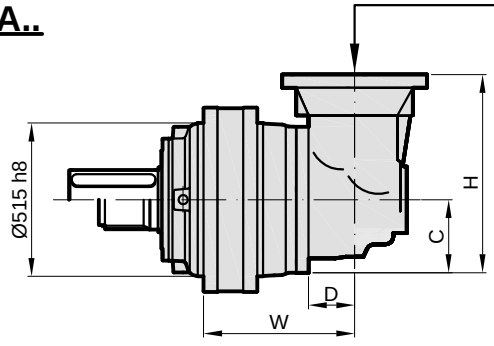


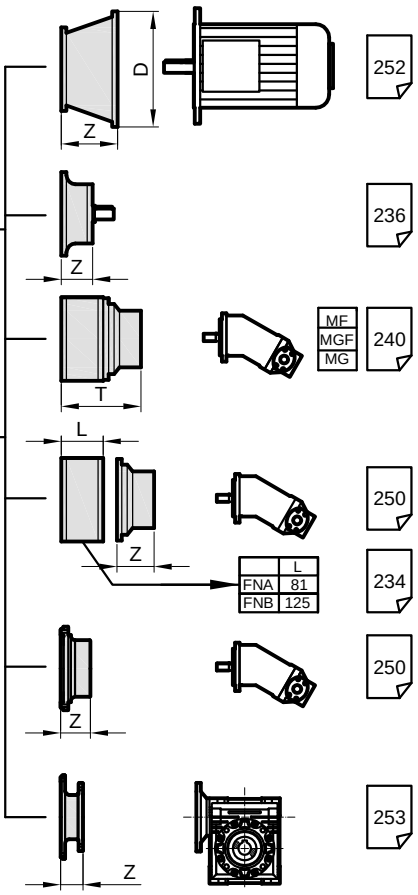


PD..



PDA..



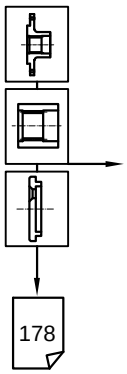


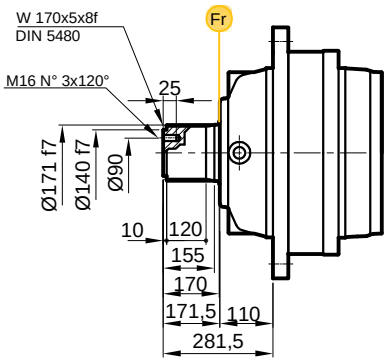
Stage	W	D	C	H	A	PD M	PDA M
S1	-	-	-	-	293	519	-
S2	-	-	-	-	475	635	-
S3	555	88	235	550	569	662	699
S4	657	88	140	380	628,5	673	720

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S3	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S4	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S5	-	-	-	-	250	71	300	104	350	120	400	148	450	148	-	-

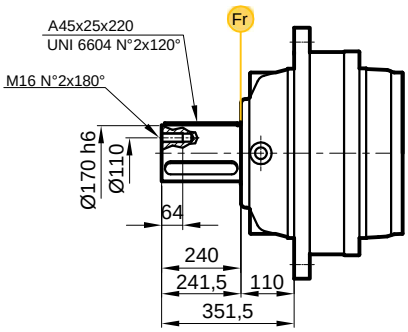
PD/PDA 129

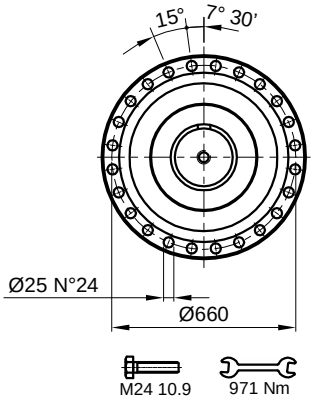
FS



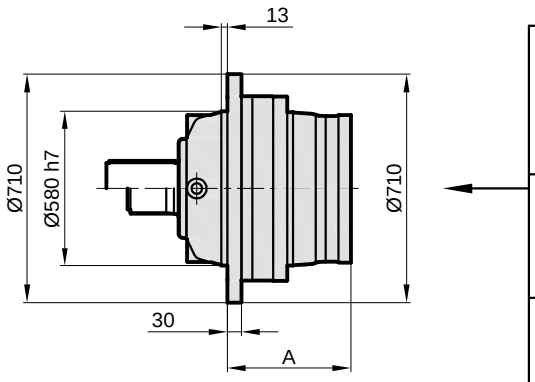


FC

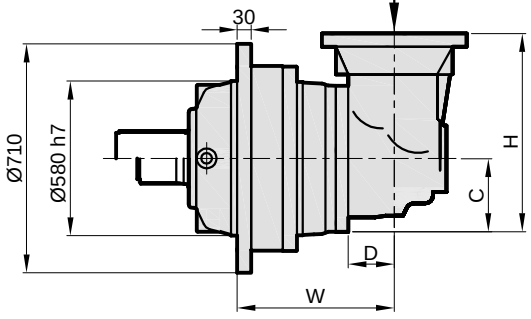


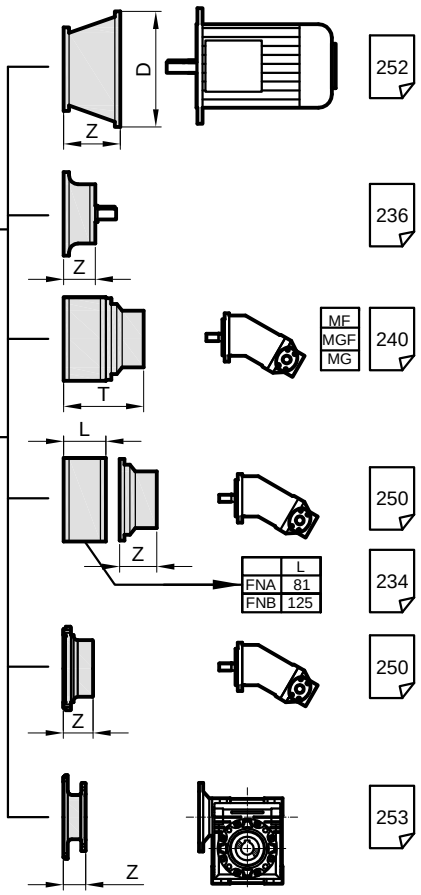


PD..



PDA..



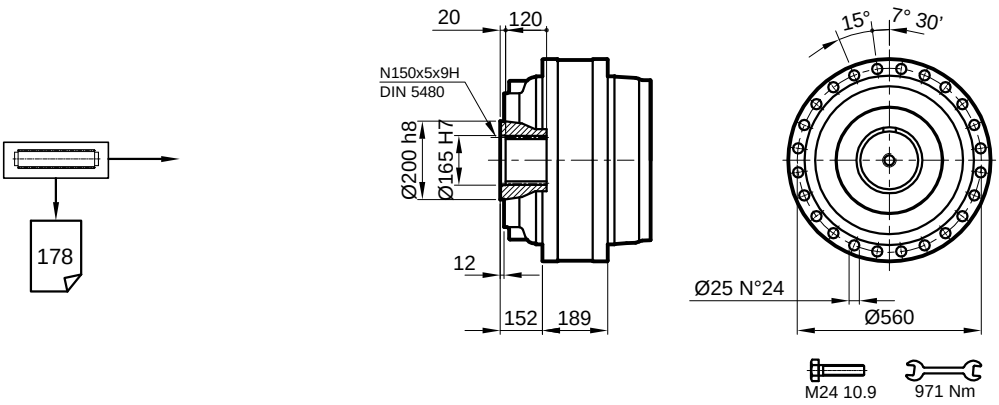


Stage	W	D	C	H	A	PD F	PDA F
S1	-	-	-	-	276	519	-
S2	-	-	-	-	458	635	-
S3	538	88	235	550	552	662	699
S4	640	88	140	380	611,5	673	720

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S3	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S4	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S5	-	-	-	-	250	71	300	104	350	120	400	148	450	148	-	-

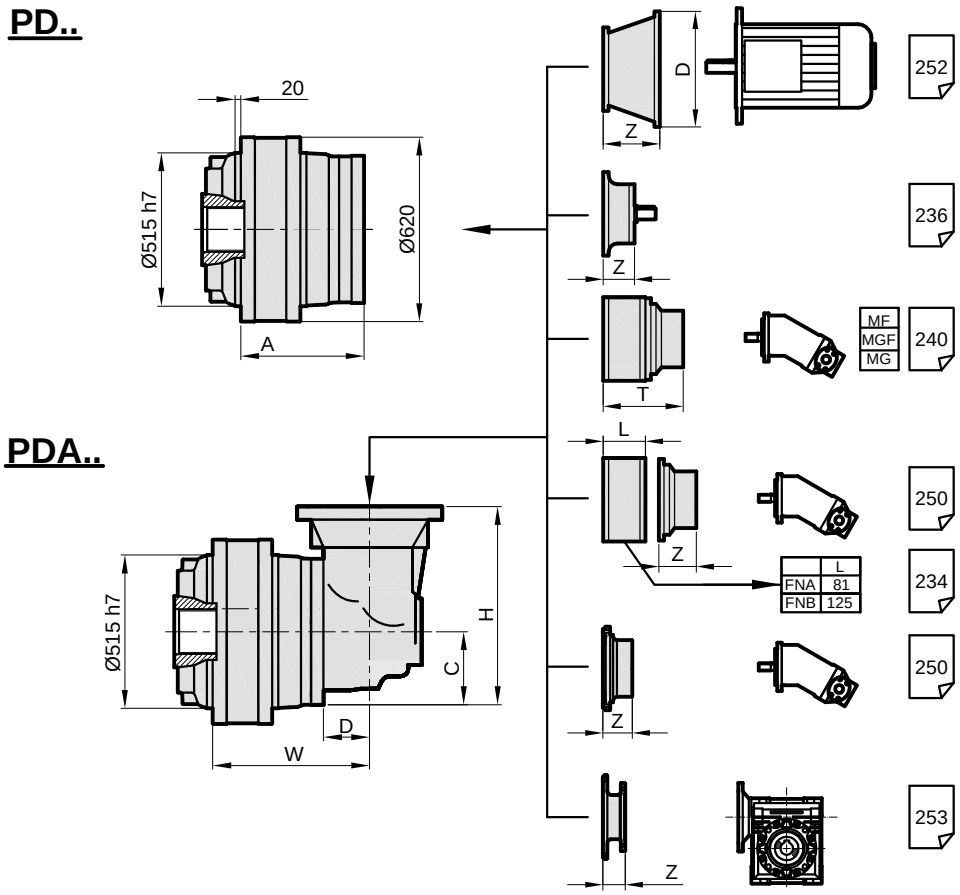
PD/PDA 129

S



PD..

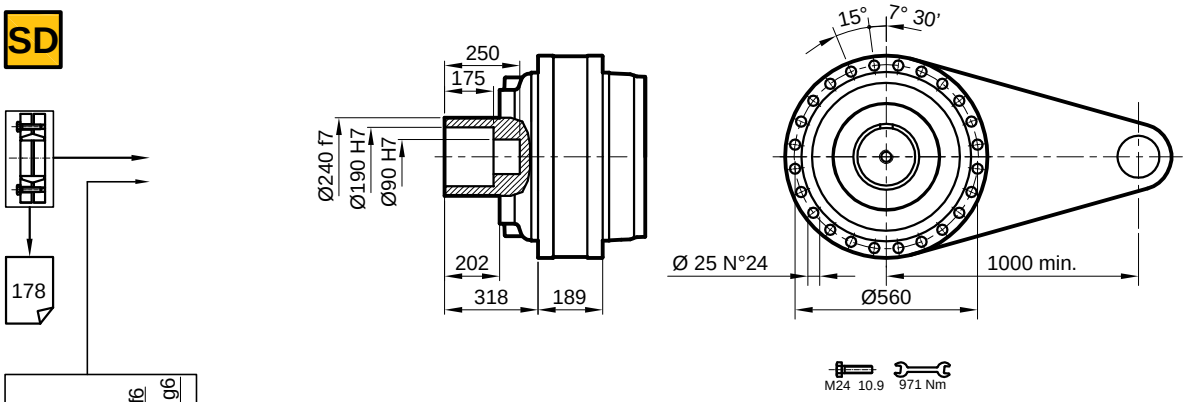
PDA..



Stage	W	D	C	H	A	PD S	PDA S
S1	-	-	-	-	293	423	-
S2	-	-	-	-	475	539	-
S3	555	88	235	550	569	566	603
S4	657	88	140	380	628,5	577	624

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S3	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S4	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S5	-	-	-	-	250	71	300	104	350	120	400	148	450	148	-	-

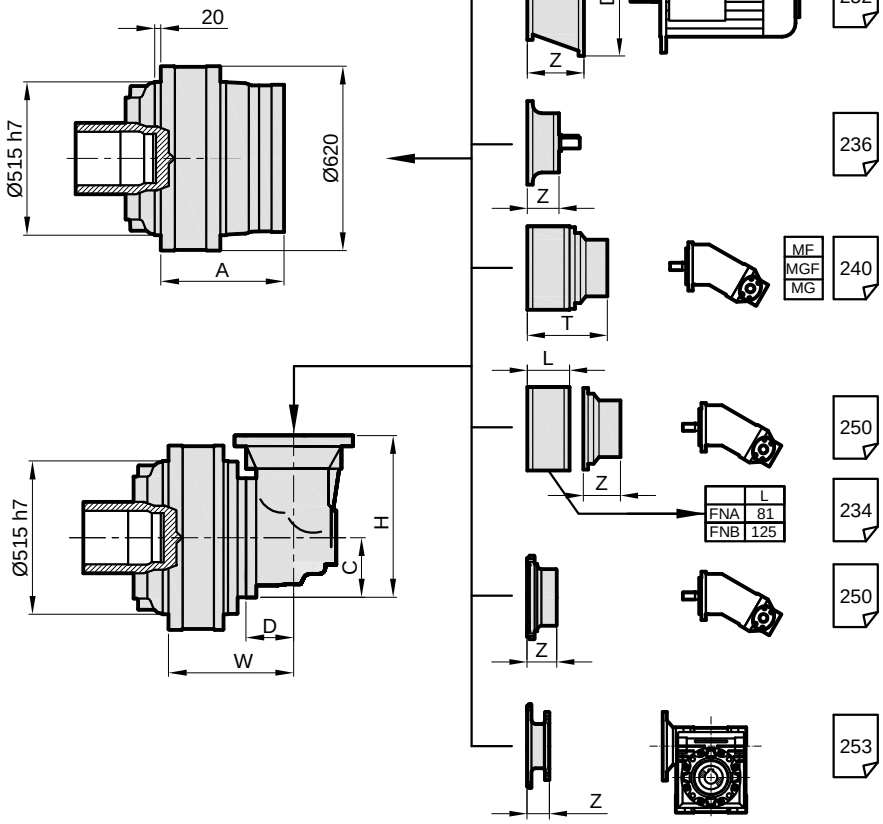
PD/PDA 129



M_{max} = 176 kNm

Belirtilen maksimum tork sadece PDS tarafından verilen sıkma bileziği ile mümkündür.
The maximum torque indicated is valid only with shrink discs supplied by PDS.
Das dargestellte , maximale Drehmoment gilt nur mit von PDS.

PD..



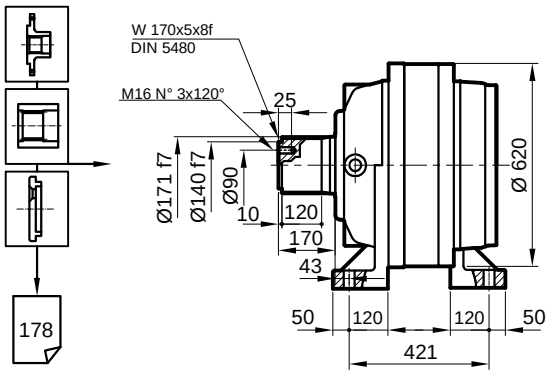
PDA..

Stage	W	D	C	H	A	PD / SD	PDA / SD
S1	-	-	-	-	293	445	-
S2	-	-	-	-	475	561	-
S3	555	88	235	550	569	588	625
S4	657	88	140	380	628,5	599	646

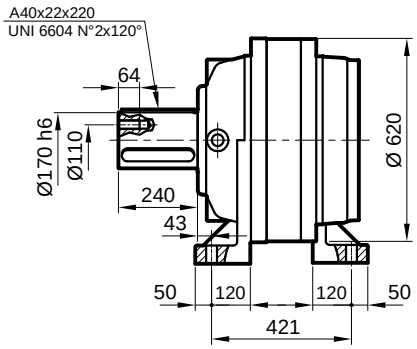
	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S3	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S4	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S5	-	-	-	-	250	71	300	104	350	120	400	148	450	148	-	-

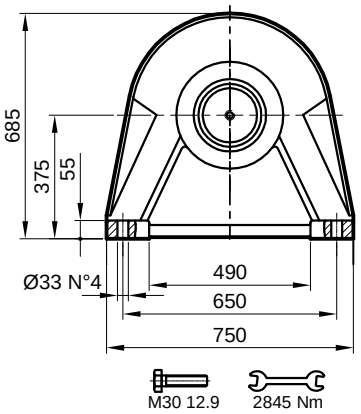
PD/PDA 129

FVS

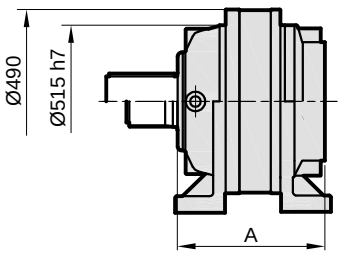


FVC

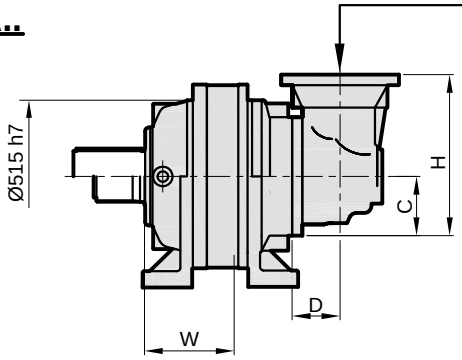


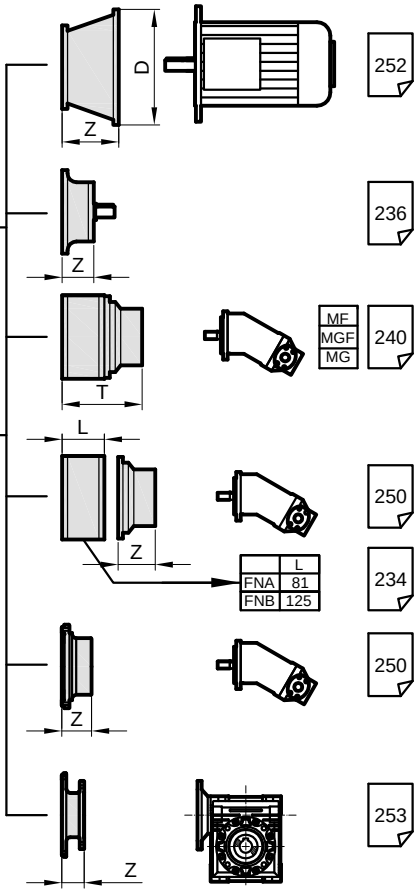


PD..



PDA..



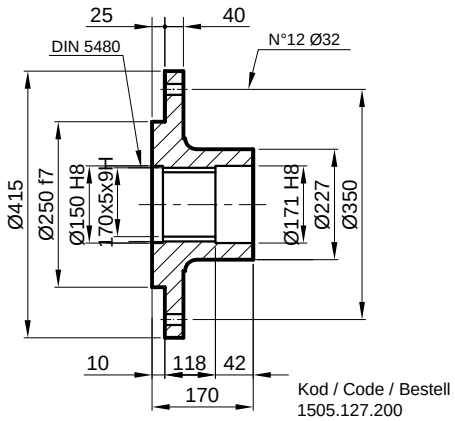


Stage	W	D	C	H	A	PD / FVC	PDA / FVC
S1	-	-	-	-	456	691	-
S2	-	-	-	-	638	807	-
S3	718	88	235	550	732	834	871
S4	820	88	140	380	791,5	845	892

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S3	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S4	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S5	-	-	-	-	250	71	300	104	350	120	400	148	450	148	-	-

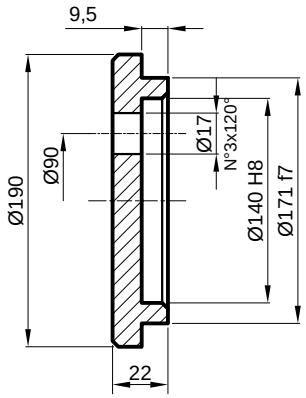
PD/PDA 129

FL Flanş / *Flange* / Flansch



Kod / Code / Bestell
1505.127.200

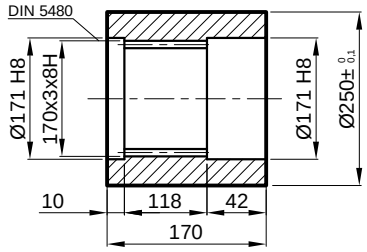
SP Sabitleme Pulu / *Stop bottom plate* / Endscheibe



Kod / Code / Bestell
1507.127.250

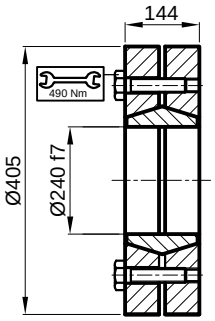
FK Frezeli Kaplin / *Spined bushing* Innenverzahnte Buchse

Malzeme /*Material* Material
UNI C40
SAE 1040
DIN Ck40



Kod / Code / Bestell
1503.127.100

SB Sıkma Bileziği / Shrink disc Schrumpfscheibe



Maksimum tork
Max. torque
Max.Drehmoment
176 kNm

Kod / Code / Bestell
2501.127.001

PD/PDA 129

RADYAL YÜK(Fr)

Aşağıdaki diyagramlar radyal yükleri ve k faktörlerini arzu edilen n_2x h değerlerinde verir.

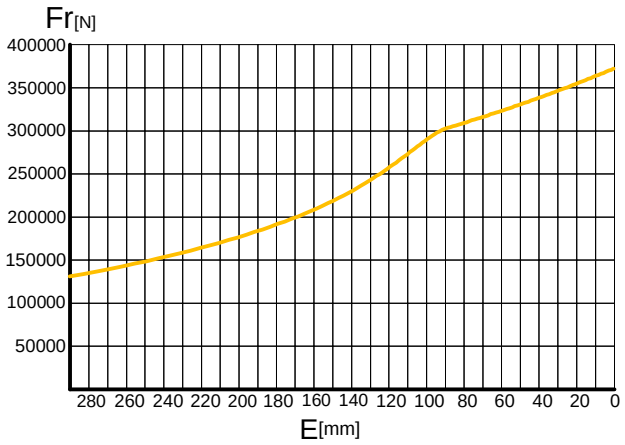
RADIAL LOADS(Fr)

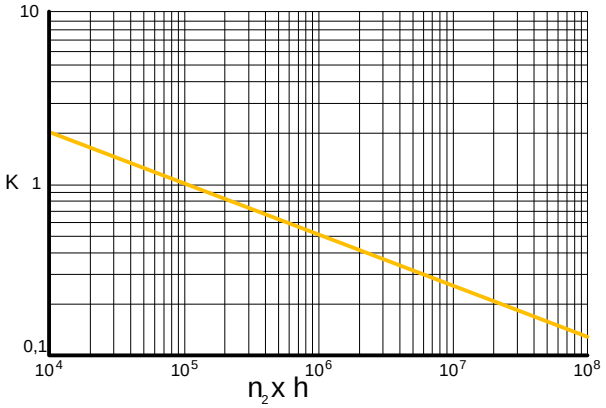
The following curves show the radial loads and the K factors to obtain the required n_2x h value.

RADIALLAST (Fr)

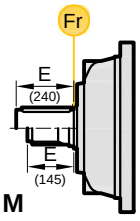
In den nachstehenden Diagrammen ist die Radiallast und der Koeffizient K dargestellt und kann mit dem gewünschten Wert n_2x h verglichen werden.

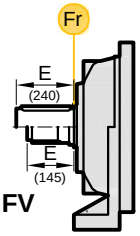
M-FV





	nxh				
	10^5	10^4	10^6	10^7	10^8
M	Fr	Fr . K			
FV	Fr .0,75	Fr . K . 0,75			





AKSİYEL YÜKLER (Fa)

Tablodaki aksiyel yük değerleri çıkış tipi ve tatbik edilen yük yönünde verilmiştir.

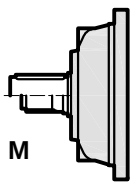
AXIAL LOADS (Fa)

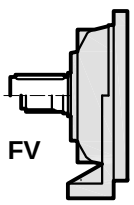
The values of the awial loads in the table refer to the output versions and load directions of application.

AXIALLAST (Fa)

Die dargestellten Werte der Axiallast basieren auf der Version und der applizierten Lastrichtung.

Fa [N]	M	FV	
	40000	40000	←
	70000	70000	→

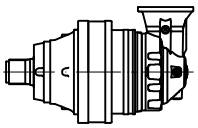




PD 131

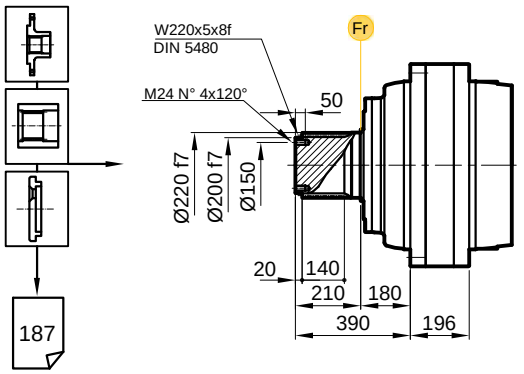
	i	T_2 [Nm]				n_{1max} [min^{-1}]	T_{2max} [Nm]	P_t [kW]
		$n_2$xh						
		10 000	20 000	50 000	100 000			
PD 131 S1	3.91	204000	184000	160000	153000	200	276000	83
	4.94	159000	143000	125000	125000	200	214500	83
PD 131 S2	15.47	204000	184000	160000	153000	1200	276000	67
	19.81	204000	184000	160000	153000	1200	276000	67
	25.01	159000	143000	125000	125000	1200	214500	67
PD 131 S3	29.65	159000	143000	125000	125000	2000	214500	47
	55.02	204000	184000	160000	153000	2000	276000	47
	66.32	204000	184000	160000	153000	2000	276000	47
	74.79	204000	184000	160000	153000	2000	276000	47
	86.66	204000	184000	160000	153000	2000	276000	47
	95.75	204000	184000	160000	153000	2000	276000	47
	107.21	159000	143000	125000	125000	2000	214500	47
	120.91	159000	143000	125000	125000	2000	214500	47
	133.71	204000	184000	160000	153000	2000	276000	47
	166.02	159000	143000	125000	125000	2000	214500	47
	200.12	159000	143000	125000	125000	2000	214500	47
PD 131 S4	250.53	204000	184000	160000	153000	2800	276000	37
	327.36	204000	184000	160000	153000	2800	276000	37
	386.42	204000	184000	160000	153000	2800	276000	37
	438.64	204000	184000	160000	153000	2800	276000	37
	487.96	159000	143000	125000	125000	2800	214500	37
	519.93	204000	184000	160000	153000	2800	276000	37
	574.48	204000	184000	160000	153000	2800	276000	37
	624.68	159000	143000	125000	125000	2800	214500	37
	684.72	159000	143000	125000	125000	2800	214500	37
	725.43	159000	143000	125000	125000	2800	214500	37
	793.33	159000	143000	125000	125000	2800	214500	37
	840.50	159000	143000	125000	125000	2800	214500	37
	969.43	204000	184000	160000	153000	2800	276000	37
	1038.88	159000	143000	125000	125000	2800	214500	37
	1203.68	159000	143000	125000	125000	2800	214500	37
	1450.86	159000	143000	125000	125000	2800	214500	37
PD 131 S5	1531.94	204000	184000	160000	153000	2800	276000	27
	1604.90	159000	143000	125000	125000	2800	214500	27
	1727.69	204000	184000	160000	153000	2800	276000	27
	1811.16	204000	184000	160000	153000	2800	276000	27
	1907.19	204000	184000	160000	153000	2800	276000	27
	2001.73	204000	184000	160000	153000	2800	276000	27
	2091.27	159000	143000	125000	125000	2800	214500	27
	2181.66	159000	143000	125000	125000	2800	214500	27
	2363.88	204000	184000	160000	153000	2800	276000	27
	2476.47	159000	143000	125000	125000	2800	214500	27
	2608.36	204000	184000	160000	153000	2800	276000	27
	2792.91	159000	143000	125000	125000	2800	214500	27
	2960.82	204000	184000	160000	153000	2800	276000	27
	3900.44	159000	143000	125000	125000	2800	214500	27
	5145.91	159000	143000	125000	125000	2800	214500	27
	5888.65	159000	143000	125000	125000	2800	214500	27
	6979.14	159000	143000	125000	125000	2800	214500	27
	8124.82	159000	143000	125000	125000	2800	214500	27
	9793.30	159000	143000	125000	125000	2800	214500	27

PDA 131

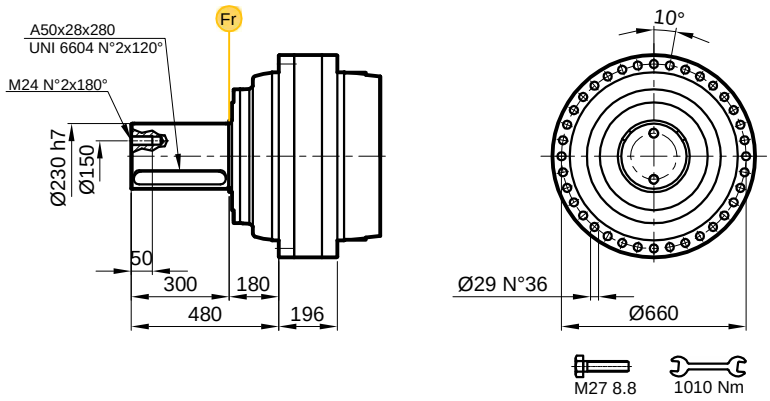
	i	T_2 [Nm] $n_2$xh				n_{1max} [min^{-1}]	T_{2max} [Nm]	P_t [kW]
		10 000	20 000	50 000	100 000			
PDA 131 S3	60.02	159000	143000	125000	125000	2500	214500	45
	72.11	204000	184000	160000	153000	2500	276750	45
	76.83	159000	143000	125000	125000	2500	214500	45
	91.06	159000	143000	125000	125000	2500	214500	45
	116.74	159000	143000	125000	125000	2500	214500	45
	138.35	159000	143000	125000	125000	2500	214500	45
PDA 131 S4	256.76	204000	184000	160000	153000	2500	276750	35
	328.69	204000	184000	160000	153000	2500	276750	35
	390.80	159000	143000	125000	125000	2500	214500	35
	440.74	159000	143000	125000	125000	2500	214500	35
	500.30	159000	143000	125000	125000	2500	214500	35
	564.22	159000	143000	125000	125000	2500	214500	35
	653.72	159000	143000	125000	125000	2500	214500	35
	787.97	159000	143000	125000	125000	2500	214500	35
	933.89	159000	143000	125000	125000	2500	214500	35
PDA 131 S5	1183.67	204000	184000	160000	153000	2800	276750	25
	1334.92	204000	184000	160000	153000	2800	276750	25
	1440.05	159000	143000	125000	125000	2800	214500	25
	1550.23	204000	184000	160000	153000	2800	276750	25
	1685.69	159000	143000	125000	125000	2800	214500	25
	1759.71	204000	184000	160000	153000	2800	276750	25
	1880.74	159000	143000	125000	125000	2800	214500	25
	1996.18	159000	143000	125000	125000	2800	214500	25
	2205.01	159000	143000	125000	125000	2800	214500	25
	2407.67	159000	143000	125000	125000	2800	214500	25
	2656.68	159000	143000	125000	125000	2800	214500	25
	3085.18	159000	143000	125000	125000	2800	214500	25
	3949.56	159000	143000	125000	125000	2800	214500	25
	4576.05	159000	143000	125000	125000	2800	214500	25
	5423.46	159000	143000	125000	125000	2800	214500	25
	6537.21	159000	143000	125000	125000	2800	214500	25
	7899.13	159000	143000	125000	125000	2800	214500	25

PD/PDA 131

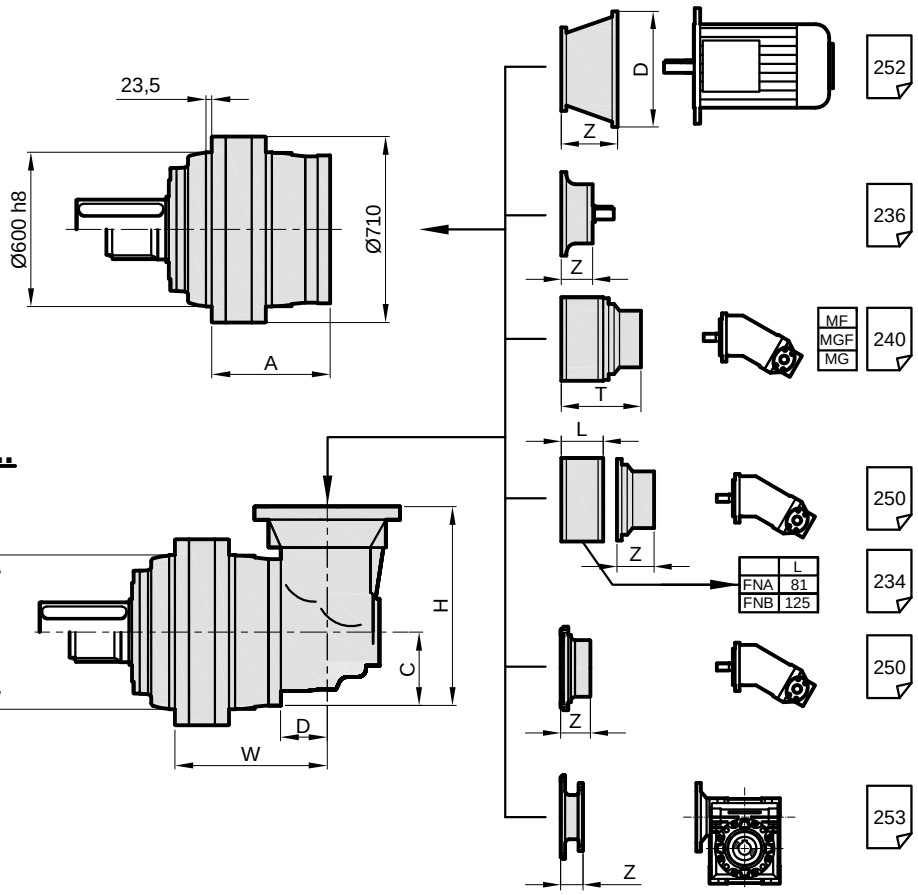
MS



MC



PD..

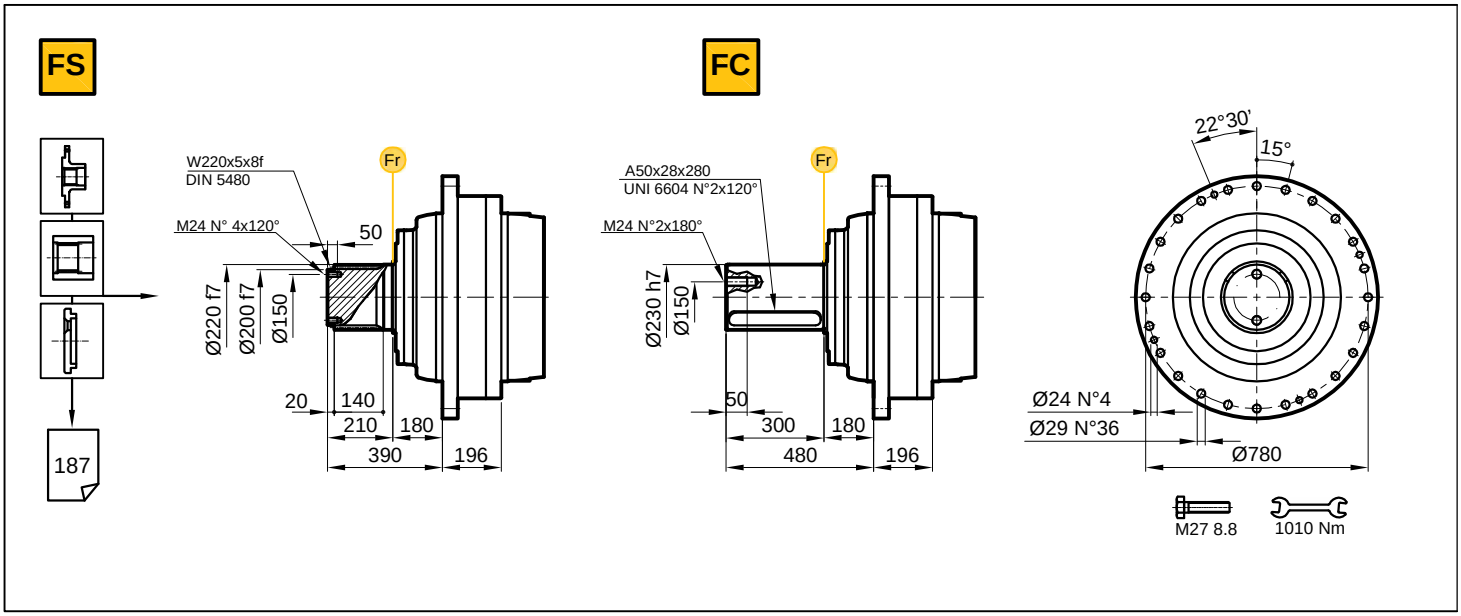


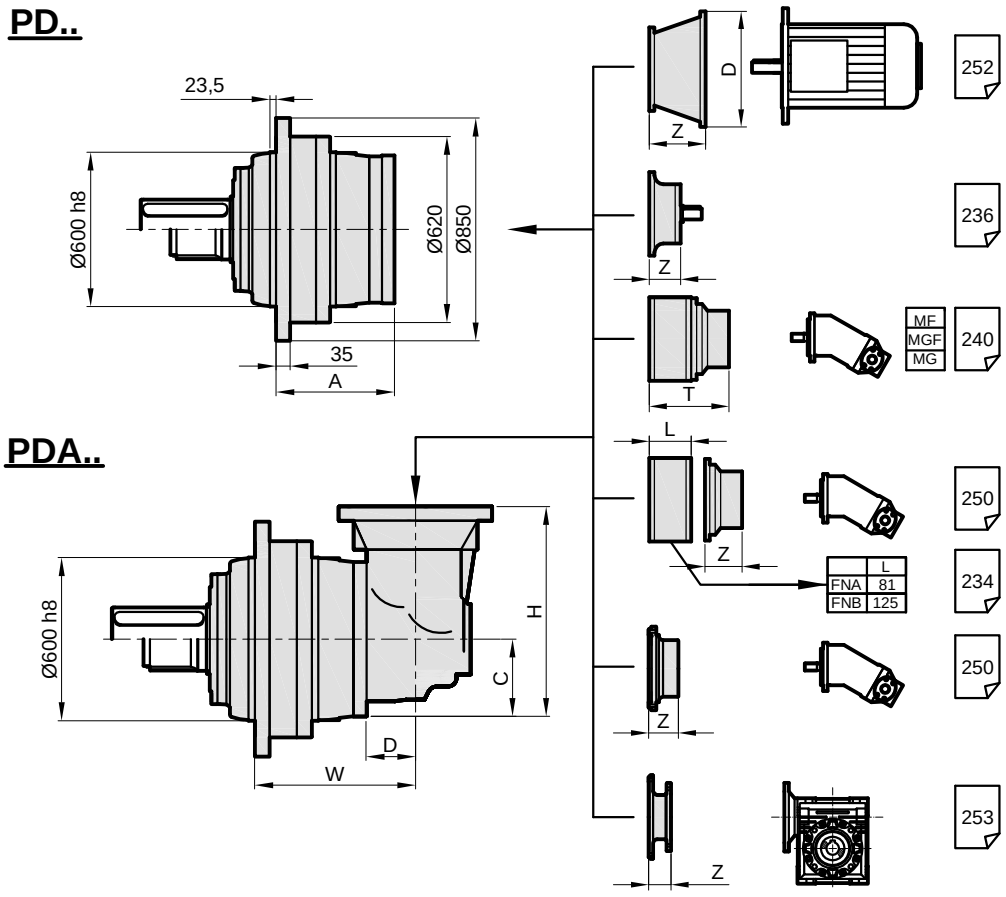
PDA..

Stage	W	D	C	H	A	PD M	PDA M
S1	-	-	-	-	-	1150	-
S2	-	-	-	-	562,5	1332	-
S3	743,5	88	235	550	669,5	1391	1473
S4	804,5	88	235	550	741	1407	1500
S5	842,5	88	140	380	802	1415	1453

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S2	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S3	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S4	-	-	-	-	250	71	300	104	350	120	400	148	450	148	-	-
S5	-	-	-	-	250	71	300	104	350	120	400	148	450	148	-	-

PD/PDA 131



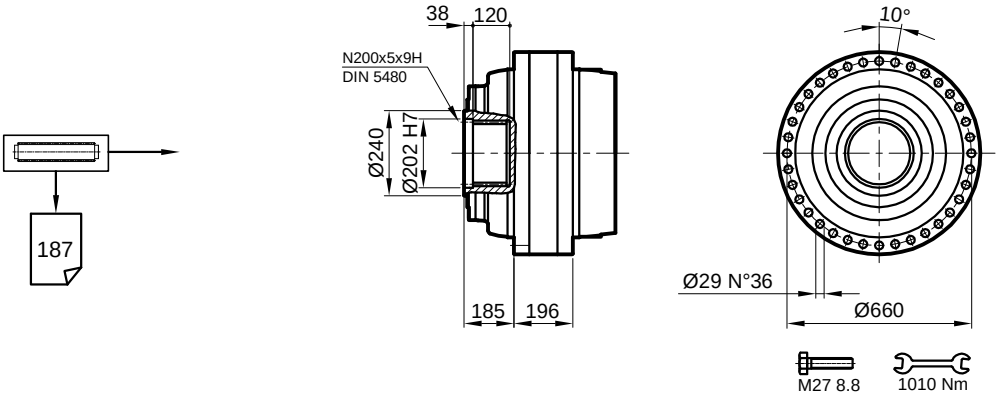


Stage	W	D	C	H	A	PD F	PDA F
S1	-	-	-	-	-	1160	-
S2	-	-	-	-	562,5	1354	-
S3	743,5	88	235	550	669,5	1413	1495
S4	804,5	88	235	550	741	1429	1522
S5	842,5	88	140	380	802	1437	1475

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S2	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S3	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S4	-	-	-	-	250	71	300	104	350	120	400	148	450	148	-	-
S5	-	-	-	-	250	71	300	104	350	120	400	148	450	148	-	-

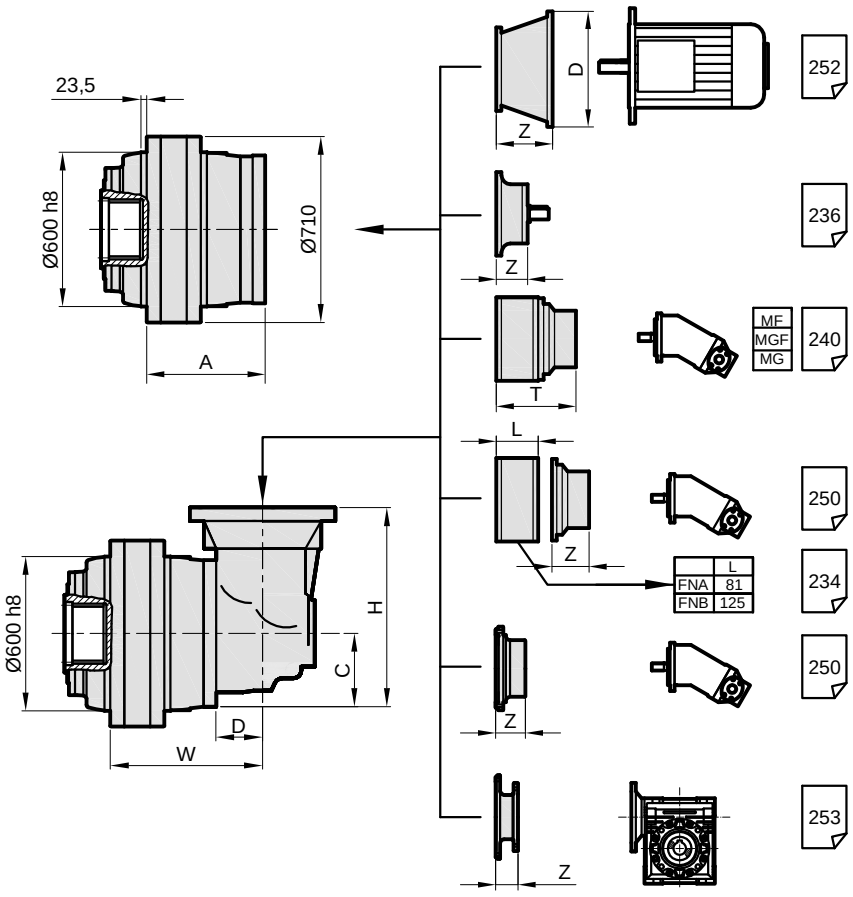
PD/PDA 131

S



PD..

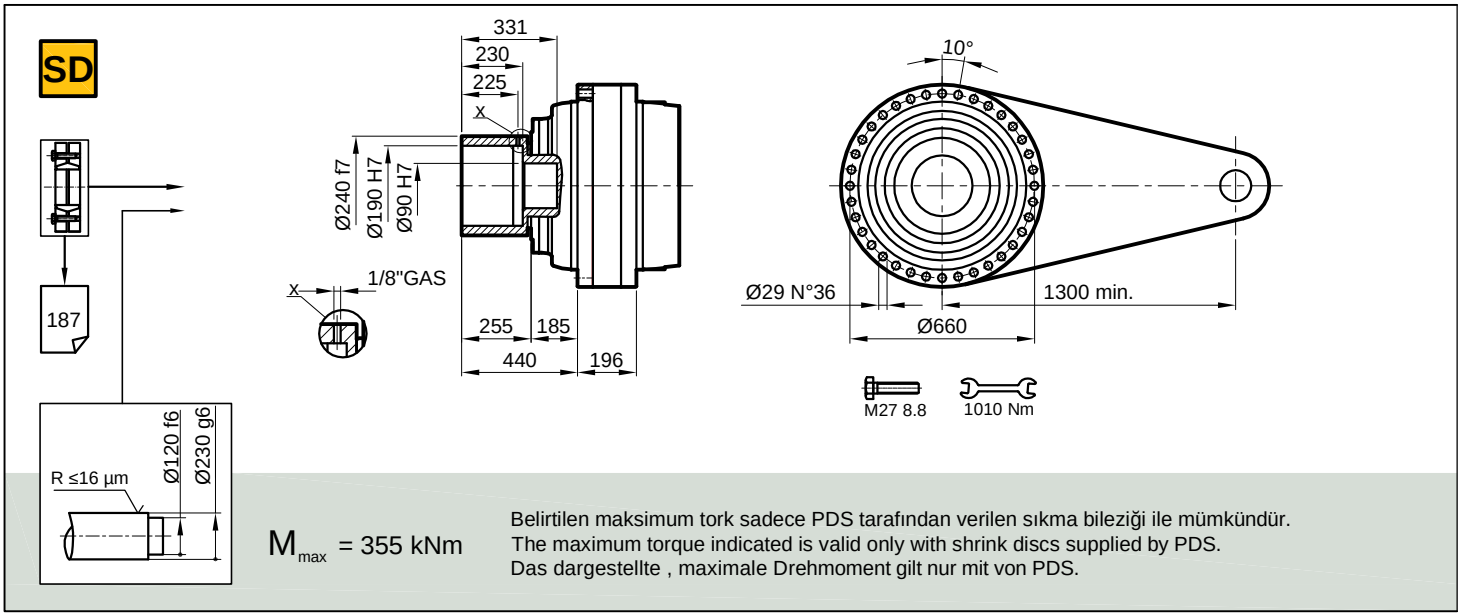
PDA..



Stage	W	D	C	H	A	PD S	PDA S
S1	-	-	-	-	-	1050	-
S2	-	-	-	-	562,5	1232	-
S3	743,5	88	235	550	669,5	1292	1457
S4	804,5	88	235	550	741	1308	1401
S5	842,5	88	140	380	802	1316	1354

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S2	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S3	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S4	-	-	-	-	250	71	300	104	350	120	400	148	450	148	-	-
S5	-	-	-	-	250	71	300	104	350	120	400	148	450	148	-	-

PD/PDA 131

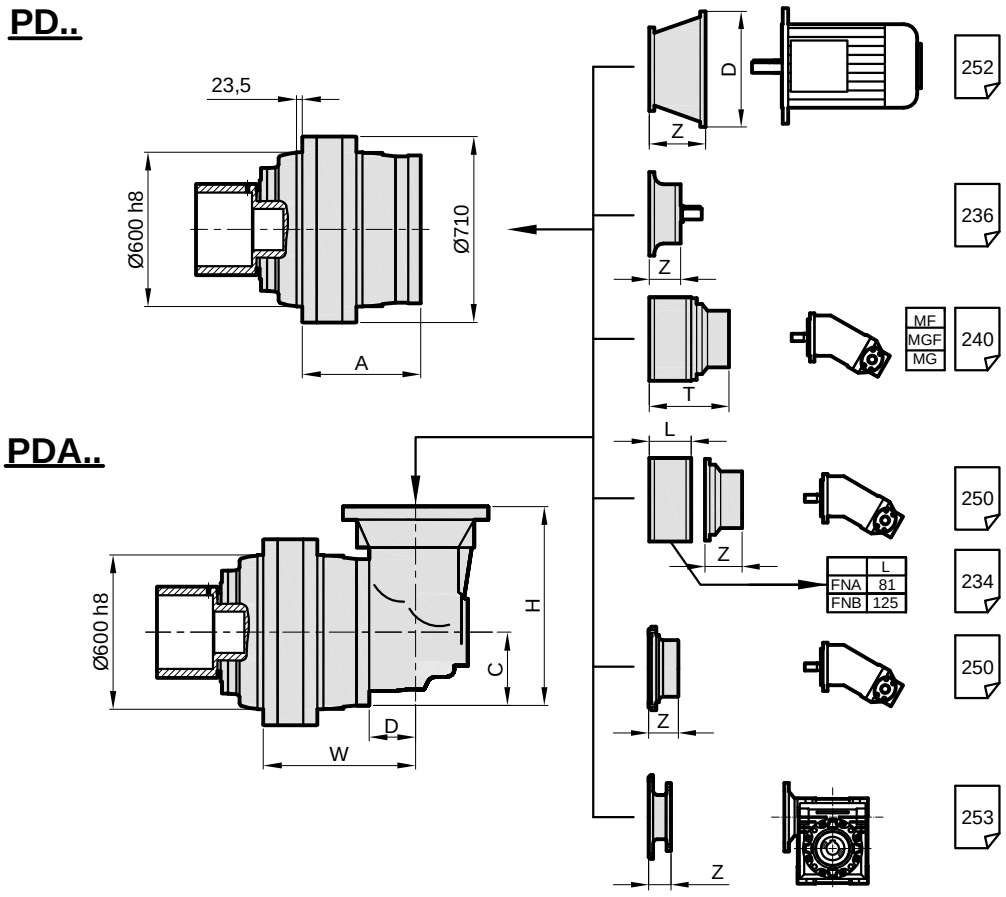


M_{max} = 355 kNm

Belirtilen maksimum tork sadece PDS tarafından verilen sıkma bileziği ile mümkündür.
The maximum torque indicated is valid only with shrink discs supplied by PDS.
Das dargestellte , maximale Drehmoment gilt nur mit von PDS.

PD..

PDA..

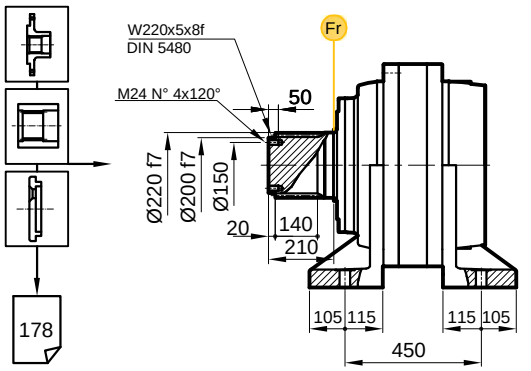


Stage	W	D	C	H	A	PD SD	PDA SD
S1	-	-	-	-	-	1071	-
S2	-	-	-	-	562,5	1271	-
S3	743,5	88	235	550	669,5	1330	1495
S4	804,5	88	235	550	741	1346	1439
S5	842,5	88	140	380	802	1354	1392

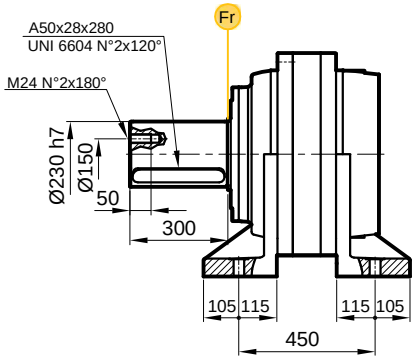
	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S2	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S3	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S4	-	-	-	-	250	71	300	104	350	120	400	148	450	148	-	-
S5	-	-	-	-	250	71	300	104	350	120	400	148	450	148	-	-

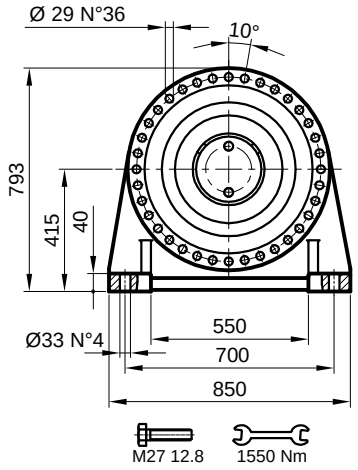
PD/PDA 131

FVS



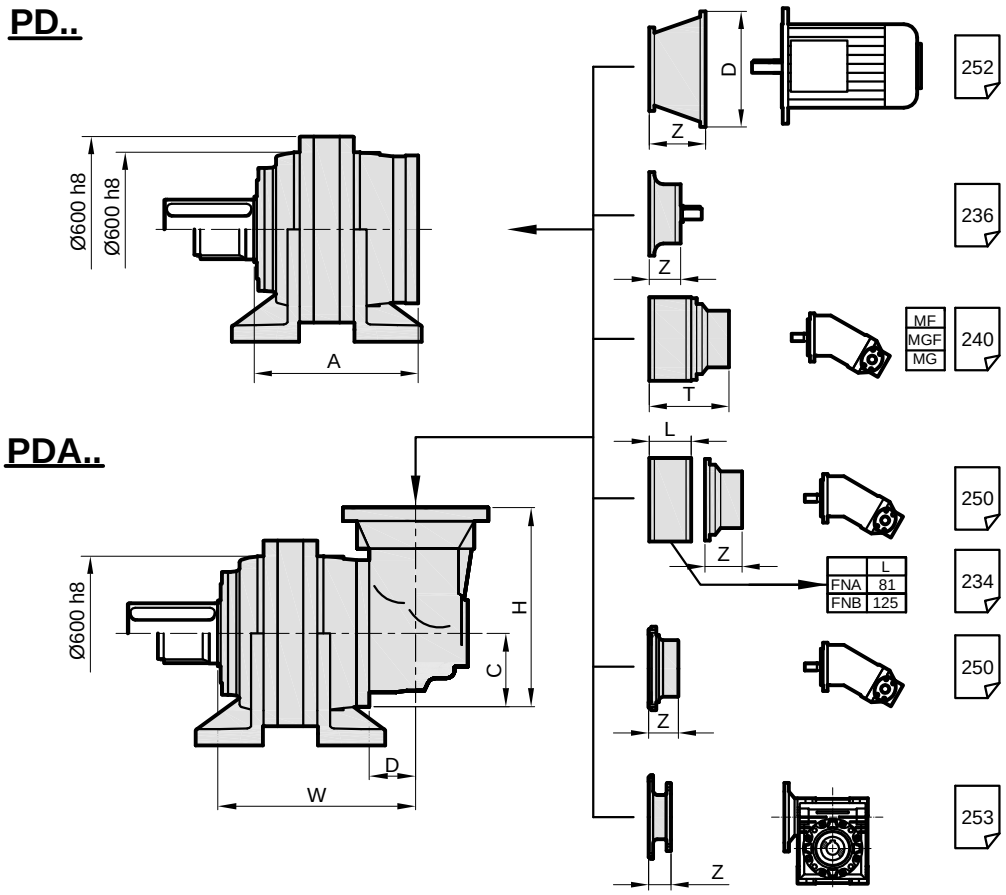
FVC





PD..

PDA..



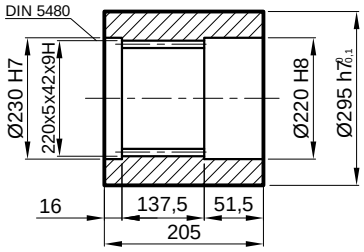
Stage	W	D	C	H	A	PD FV	PDA FV
S1	-	-	-	-	-	1150	-
S2	-	-	-	-	742,5	1332	-
S3	923,5	88	235	550	849,5	1391	1473
S4	984,5	88	235	550	921	1407	1500
S5	1022,5	88	140	380	982	1415	1453

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S2	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S3	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S4	-	-	-	-	250	71	300	104	350	120	400	148	450	148	-	-
S5	-	-	-	-	250	71	300	104	350	120	400	148	450	148	-	-

PD/PDA 131

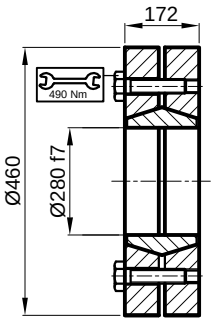
FK Frezeli Kaplin / *Spined bushing* Innenverzahnte Buchse

Malzeme /*Material* Material
UNI C40
SAE 1040
DIN Ck40



Kod / Code / Bestell
1503.131.100

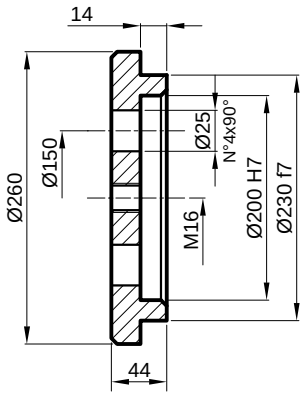
SB Sıkma Bileziği / Shrink disc Schrumpfscheibe



Maksimum tork
Max. torque
Max.Drehmoment
355 kNm

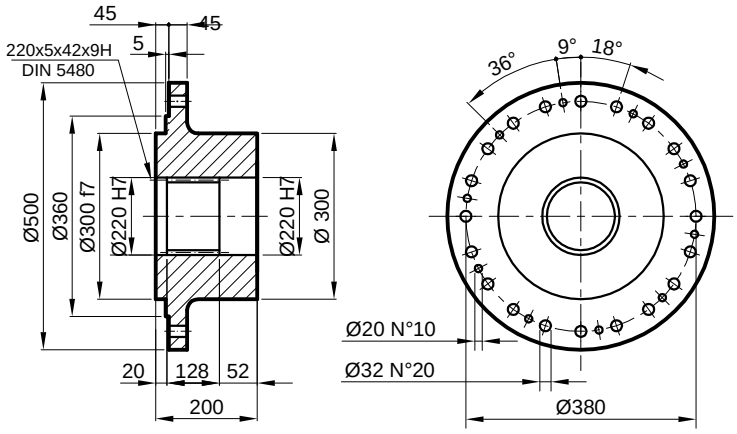
Kod / Code / Bestell
2501.131.001

SP Sabitleme Pulu / *Stop bottom plate* / Endscheibe



Kod / Code / Bestell
1507.131.250

FL Flanş / *Flange* / Flansch



Kod / Code / Bestell
1505.131.200

PD/PDA 131

RADYAL YÜK(Fr)

Aşağıdaki diyagramlar radyal yükleri ve k faktörlerini arzu edilen n_2x h değerlerinde verir.

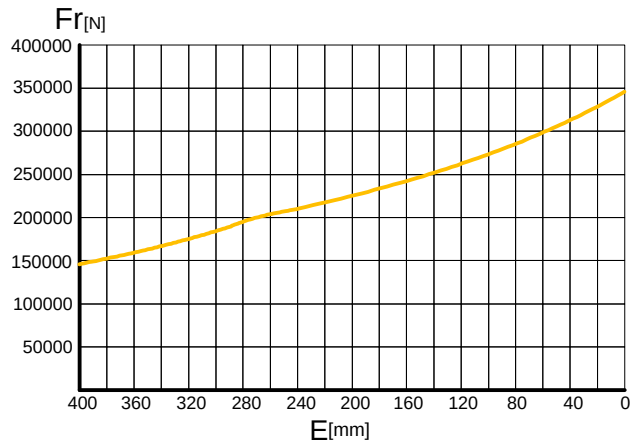
RADIAL LOADS(Fr)

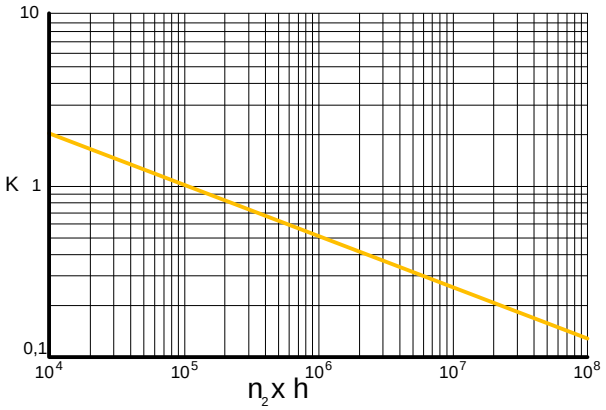
The following curves show the radial loads and the K factors to obtain the required n_2x h value.

RADIALLAST (Fr)

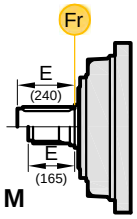
In den nachstehenden Diagrammen ist die Radiallast und der Koeffizient K dargestellt und kann mit dem gewünschten Wert n_2x h verglichen werden.

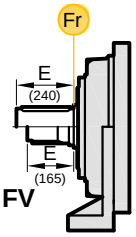
M-FV





	nxh				
	10^5	10^4	10^6	10^7	10^8
M	Fr	Fr . K			
FV	Fr .0,75	Fr . K . 0,75			





AKSİYEL YÜKLER (Fa)

Tablodaki aksiyel yük değerleri çıkış tipi ve tatbik edilen yük yönünde verilmiştir.

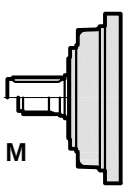
AXIAL LOADS (Fa)

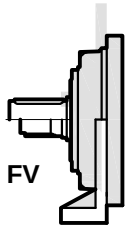
The values of the awial loads in the table refer to the output versions and load directions of application.

AXIALLAST (Fa)

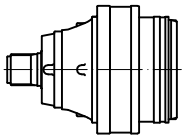
Die dargestellten Werte der Axiallast basieren auf der Version und der applizierten Lastrichtung.

Fa [N]	M	FV	
	45000	45000	←
	75000	75000	→



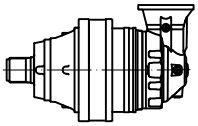


PD 133

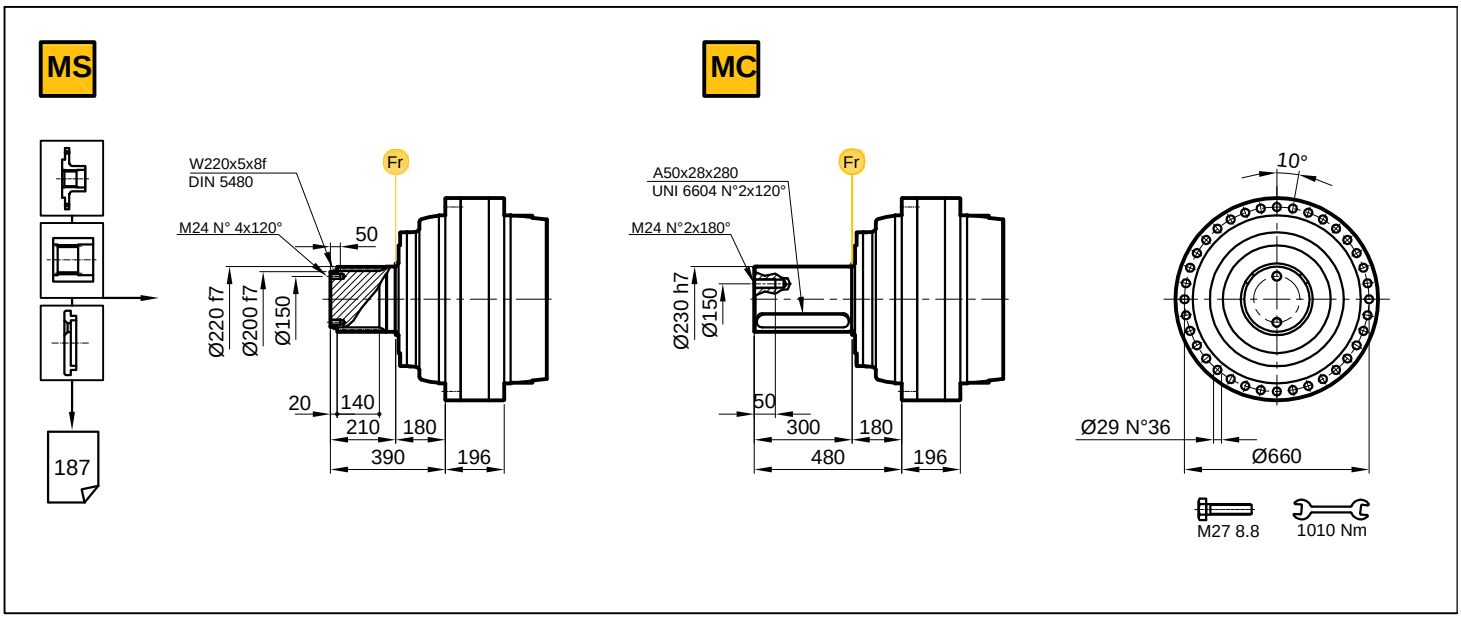


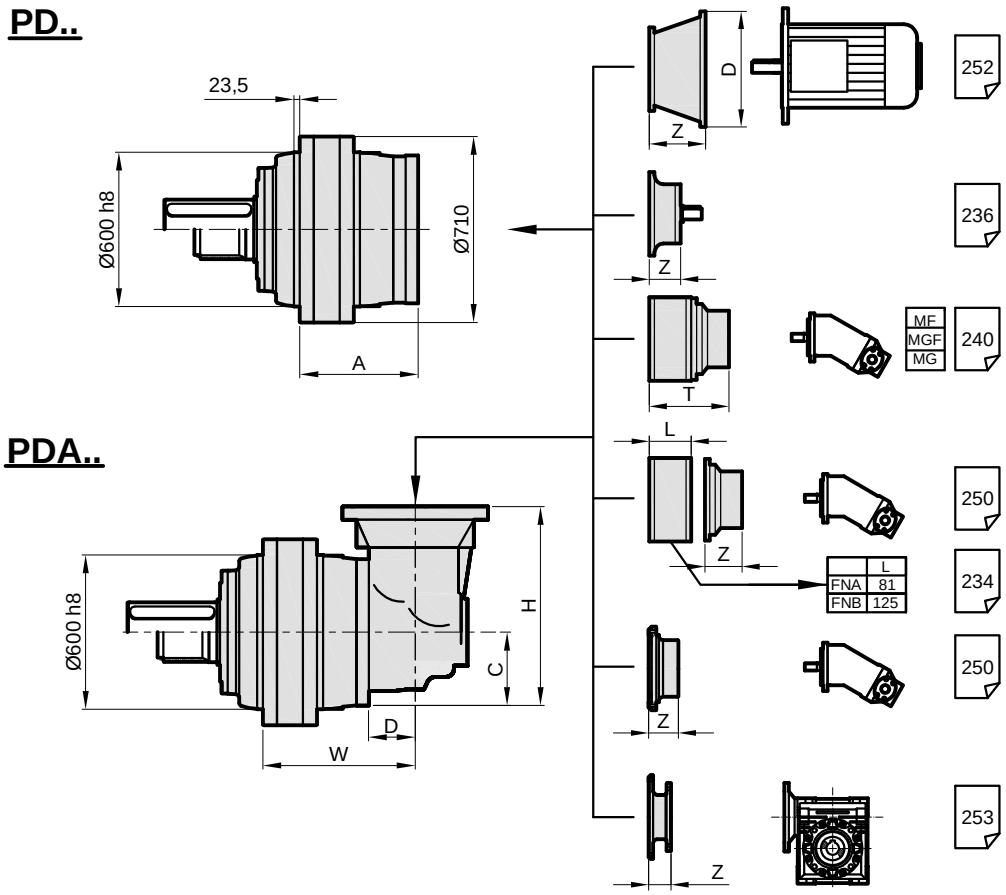
	i	T_2 [Nm]				n_{1max} [min^{-1}]	T_{2max} [Nm]	P_t [kW]
		$n_2$xh						
		10 000	20 000	50 000	100 000			
PD 133 S1	3.68	238000	215000	190000	190000	200	322500	83
	4.94	188000	169000	154000	154000	200	253500	83
PD 133 S2	14.55	238000	215000	190000	190000	1200	322500	67
	19.54	188000	169000	154000	154000	1200	253500	67
	25.01	188000	169000	154000	154000	1200	253500	67
PD 133 S3	29.65	188000	169000	154000	154000	2000	253500	47
	62.37	238000	215000	190000	190000	2000	322500	47
	70.34	238000	215000	190000	190000	2000	322500	47
	83.74	188000	169000	154000	154000	2000	253500	47
	94.44	188000	169000	154000	154000	2000	253500	47
	107.21	188000	169000	154000	154000	2000	253500	47
	120.91	188000	169000	154000	154000	2000	253500	47
	140.08	188000	169000	154000	154000	2000	253500	47
	168.85	188000	169000	154000	154000	2000	253500	47
	200.12	188000	169000	154000	154000	2000	253500	47
	257.27	238000	215000	190000	190000	2000	322500	47
PD 133 S4	336.00	188000	169000	154000	154000	2800	253500	37
	389.58	188000	169000	154000	154000	2800	253500	37
	432.68	188000	169000	154000	154000	2800	253500	37
	487.96	188000	169000	154000	154000	2800	253500	37
	533.65	188000	169000	154000	154000	2800	253500	37
	577.84	188000	169000	154000	154000	2800	253500	37
	624.68	188000	169000	154000	154000	2800	253500	37
	681.46	188000	169000	154000	154000	2800	253500	37
	725.43	188000	169000	154000	154000	2800	253500	37
	793.33	188000	169000	154000	154000	2800	253500	37
	840.50	188000	169000	154000	154000	2800	253500	37
	921.18	188000	169000	154000	154000	2800	253500	37
	1013.10	188000	169000	154000	154000	2800	253500	37
	1200.71	188000	169000	154000	154000	2800	253500	37
	1450.86	188000	169000	154000	154000	2800	253500	37
	1497.10	238000	215000	190000	190000	2800	322500	37
PD 133 S5	1590.41	238000	215000	190000	190000	2800	322500	27
	1669.64	188000	169000	154000	154000	2800	253500	27
	1736.58	188000	169000	154000	154000	2800	253500	27
	1804.54	238000	215000	190000	190000	2800	322500	27
	1854.33	188000	169000	154000	154000	2800	253500	27
	1934.48	188000	169000	154000	154000	2800	253500	27
	1998.02	188000	169000	154000	154000	2800	253500	27
	2091.27	188000	169000	154000	154000	2800	253500	27
	2181.66	188000	169000	154000	154000	2800	253500	27
	2268.01	188000	169000	154000	154000	2800	253500	27
	2314.95	188000	169000	154000	154000	2800	253500	27
	2422.99	188000	169000	154000	154000	2800	253500	27
	2476.47	188000	169000	154000	154000	2800	253500	27
	2677.18	188000	169000	154000	154000	2800	253500	27
	3166.03	188000	169000	154000	154000	2800	253500	27
	4216.56	188000	169000	154000	154000	2800	253500	27
	6217.97	188000	169000	154000	154000	2800	253500	27
	8263.10	188000	169000	154000	154000	2800	253500	27

PDA 133

	i	T_2 [Nm]				n_{1max} [min^{-1}]	T_{2max} [Nm]	P_t [kW]
		$n_2$xh						
		10 000	20 000	50 000	100 000			
PDA 133 S3	60.02	188000	169000	154000	154000	2500	253500	45
	76.83	188000	169000	154000	154000	2500	253500	45
	91.06	188000	169000	154000	154000	2500	253500	45
	103.04	238000	215000	190000	190000	2500	322500	45
	116.74	188000	169000	154000	154000	2500	253500	45
	138.35	188000	169000	154000	154000	2500	253500	45
PDA 133 S4	250.31	238000	215000	190000	190000	2500	322500	35
	336.09	188000	169000	154000	154000	2500	253500	35
	390.80	188000	169000	154000	154000	2500	253500	35
	440.74	188000	169000	154000	154000	2500	253500	35
	500.30	188000	169000	154000	154000	2500	253500	35
	564.22	188000	169000	154000	154000	2500	253500	35
	592.94	188000	169000	154000	154000	2500	253500	35
	653.72	188000	169000	154000	154000	2500	253500	35
	787.97	188000	169000	154000	154000	2500	253500	35
PDA 133 S5	933.89	188000	169000	154000	154000	2800	253500	25
	1113.19	238000	215000	190000	190000	2800	322500	25
	1267.42	188000	169000	154000	154000	2800	253500	25
	1399.10	188000	169000	154000	154000	2800	253500	25
	1494.70	188000	169000	154000	154000	2800	253500	25
	1587.47	188000	169000	154000	154000	2800	253500	25
	1689.17	238000	215000	190000	190000	2800	322500	25
	1735.78	188000	169000	154000	154000	2800	253500	25
	1880.74	188000	169000	154000	154000	2800	253500	25
	1997.48	188000	169000	154000	154000	2800	253500	25
	2157.97	188000	169000	154000	154000	2800	253500	25
	2269.56	188000	169000	154000	154000	2800	253500	25
	2355.68	188000	169000	154000	154000	2800	253500	25
	2486.76	188000	169000	154000	154000	2800	253500	25
	2656.68	188000	169000	154000	154000	2800	253500	25
	2903.54	188000	169000	154000	154000	2800	253500	25
	3472.89	188000	169000	154000	154000	2800	253500	25
	4231.67	188000	169000	154000	154000	2800	253500	25
	6537.21	188000	169000	154000	154000	2800	253500	25
	7899.13	188000	169000	154000	154000	2800	253500	25

PD/PDA 133

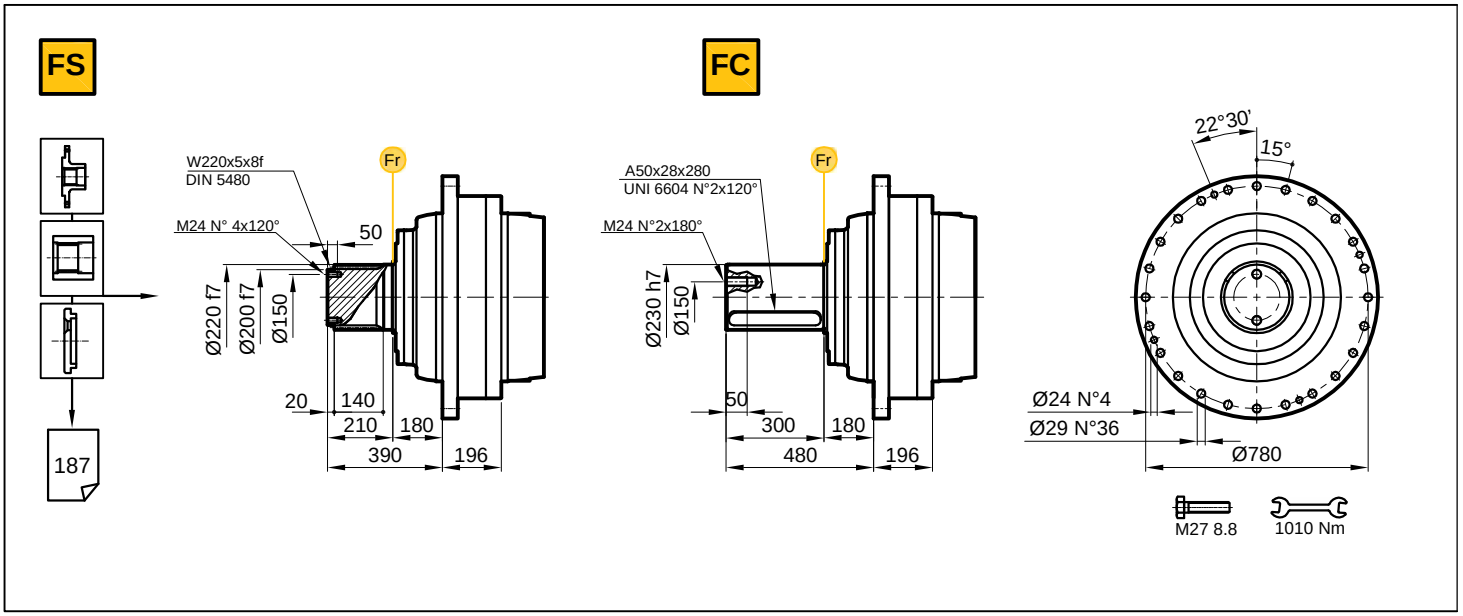


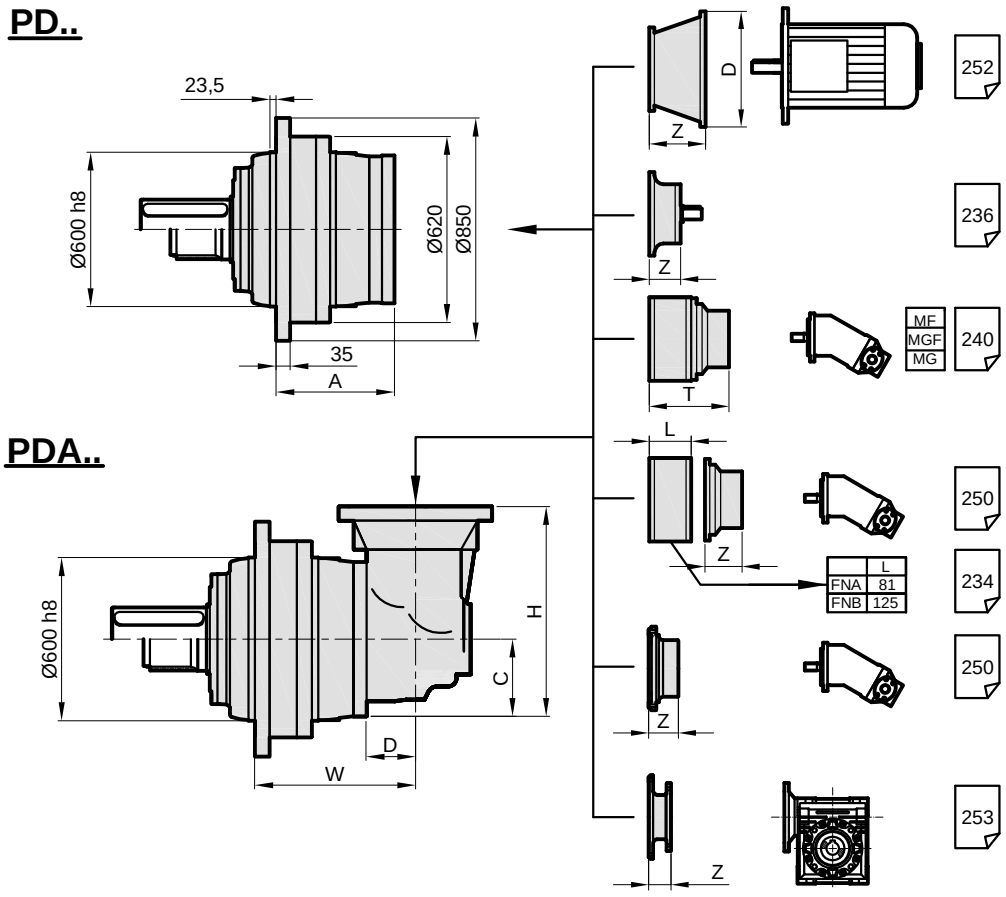


Stage	W	D	C	H	A	PD M	PDA M
S1	-	-	-	-	-	1150	-
S2	-	-	-	-	562,5	1332	-
S3	743,5	88	235	550	669,5	1391	1473
S4	804,5	88	235	550	741	1407	1500
S5	842,5	88	140	380	802	1415	1453

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S2	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S3	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S4	-	-	-	-	250	71	300	104	350	120	400	148	450	148	-	-
S5	-	-	-	-	250	71	300	104	350	120	400	148	450	148	-	-

PD/PDA 133



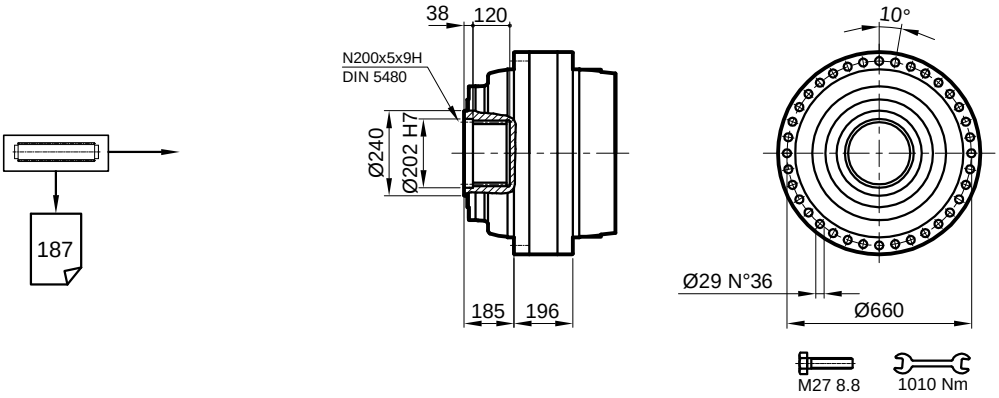


Stage	W	D	C	H	A	PD F	PDA F
S1	-	-	-	-	-	1160	-
S2	-	-	-	-	562,5	1354	-
S3	743,5	88	235	550	669,5	1413	1495
S4	804,5	88	235	550	741	1429	1522
S5	842,5	88	140	380	802	1437	1475

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S2	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S3	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S4	-	-	-	-	250	71	300	104	350	120	400	148	450	148	-	-
S5	-	-	-	-	250	71	300	104	350	120	400	148	450	148	-	-

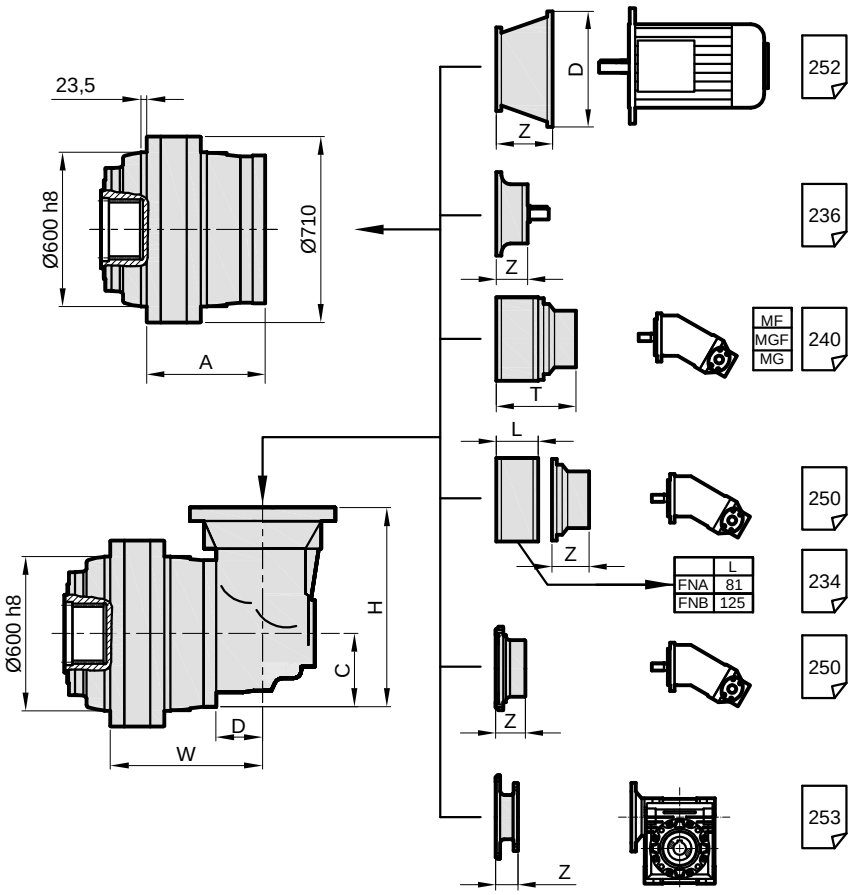
PD/PDA 133

S



PD..

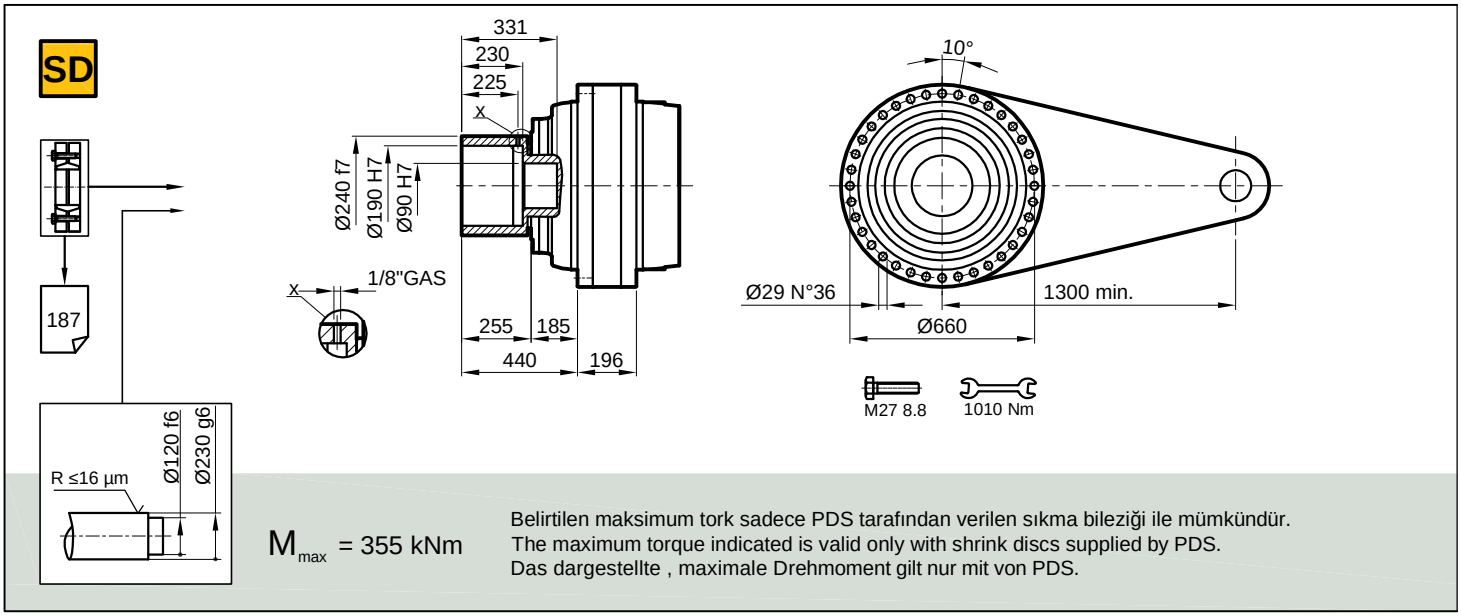
PDA..



Stage	W	D	C	H	A	PD S	PDA S
S1	-	-	-	-	-	1050	-
S2	-	-	-	-	562,5	1232	-
S3	743,5	88	235	550	669,5	1292	1457
S4	804,5	88	235	550	741	1308	1401
S5	842,5	88	140	380	802	1316	1354

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S2	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S3	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S4	-	-	-	-	250	71	300	104	350	120	400	148	450	148	-	-
S5	-	-	-	-	250	71	300	104	350	120	400	148	450	148	-	-

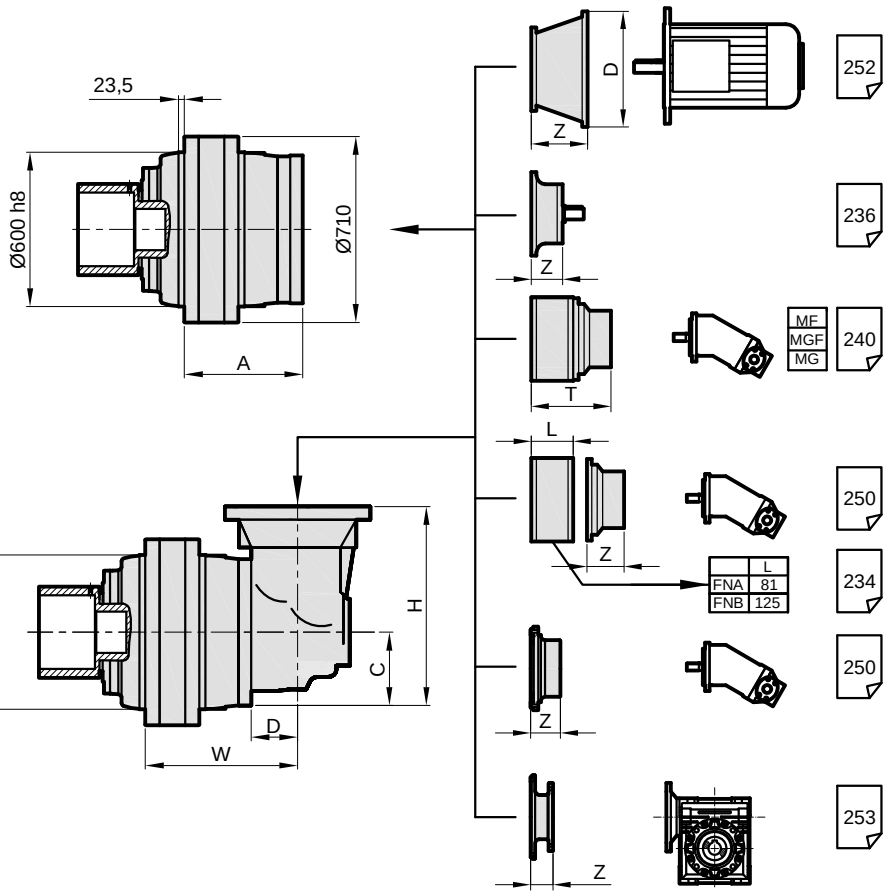
PD/PDA 133



M_{max} = 355 kNm

Belirtilen maksimum tork sadece PDS tarafından verilen sıkma bileziği ile mümkündür.
The maximum torque indicated is valid only with shrink discs supplied by PDS.
Das dargestellte , maximale Drehmoment gilt nur mit von PDS.

PD..



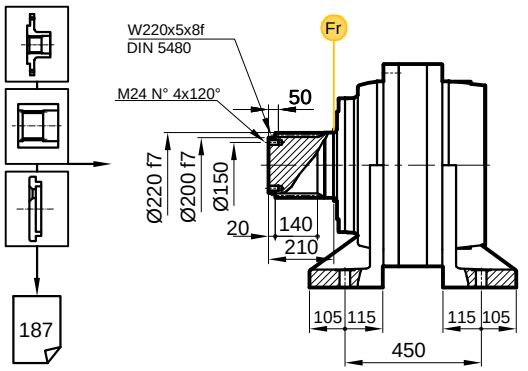
PDA..

Stage	W	D	C	H	A	PD SD	PDA SD
S1	-	-	-	-	-	1071	-
S2	-	-	-	-	562,5	1271	-
S3	743,5	88	235	550	669,5	1330	1495
S4	804,5	88	235	550	741	1346	1439
S5	842,5	88	140	380	802	1354	1392

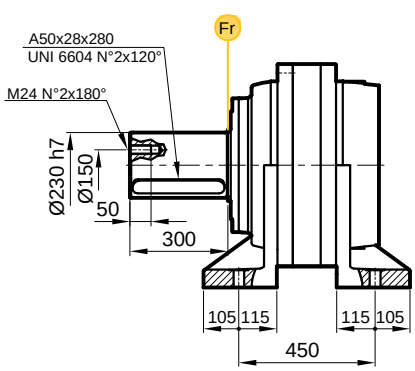
	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S2	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S3	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S4	-	-	-	-	250	71	300	104	350	120	400	148	450	148	-	-
S5	-	-	-	-	250	71	300	104	350	120	400	148	450	148	-	-

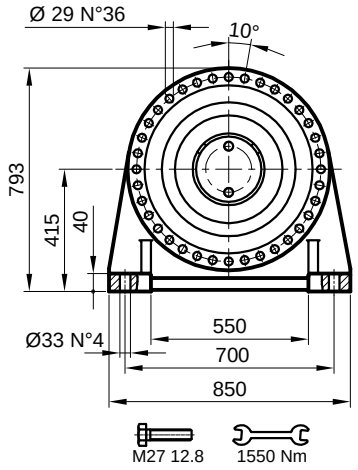
PD/PDA 133

FVS



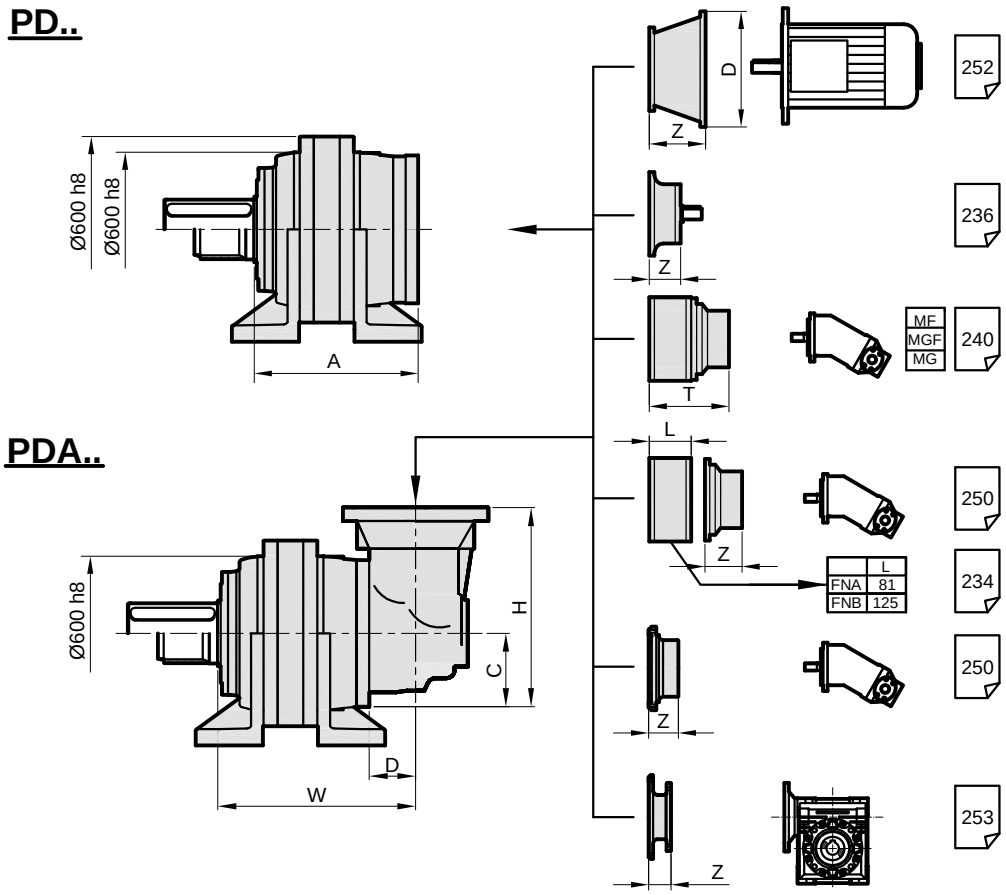
FVC





PD..

PDA..



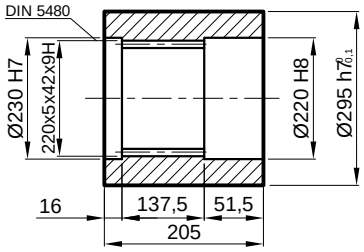
Stage	W	D	C	H	A	PD FV	PDA FV
S1	-	-	-	-	-	1150	-
S2	-	-	-	-	742,5	1332	-
S3	923,5	88	235	550	849,5	1391	1473
S4	984,5	88	235	550	921	1407	1500
S5	1022,5	88	140	380	982	1415	1453

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S2	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S3	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S4	-	-	-	-	250	71	300	104	350	120	400	148	450	148	-	-
S5	-	-	-	-	250	71	300	104	350	120	400	148	450	148	-	-

PD/PDA 133

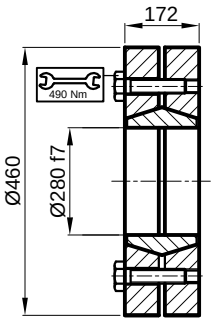
FK Frezeli Kaplin / *Spined bushing* Innenverzahnte Buchse

Malzeme /*Material* Material
UNI C40
SAE 1040
DIN Ck40



Kod / Code / Bestell
1503.131.100

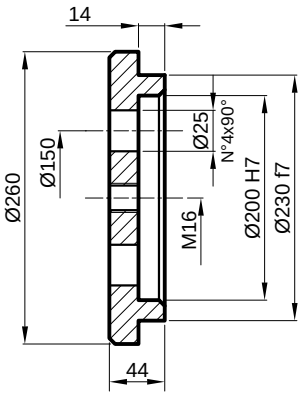
SB Sıkma Bileziği / Shrink disc Schrumpfscheibe



Maksimum tork
Max. torque
Max.Drehmoment
355 kNm

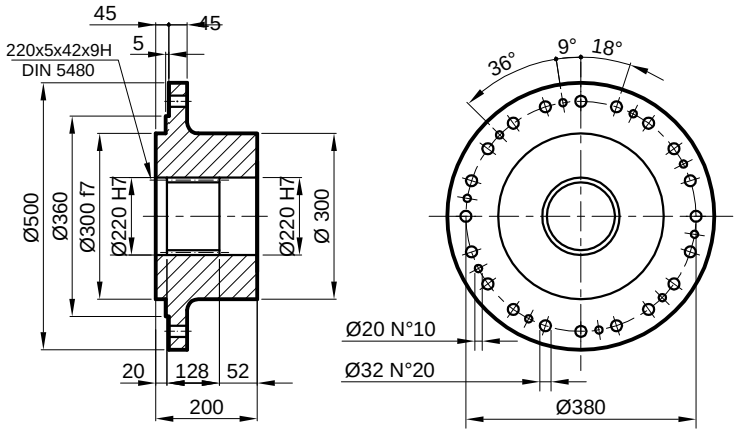
Kod / Code / Bestell
2501.131.001

SP Sabitleme Pulu / *Stop bottom plate* / Endscheibe



Kod / Code / Bestell
1507.131.250

FL Flanş / *Flange* / Flansch



Kod / Code / Bestell
1505.131.200

PD/PDA 133

RADYAL YÜK(Fr)

Aşağıdaki diyagramlar radyal yükleri ve k faktörlerini arzu edilen n_2x h değerlerinde verir.

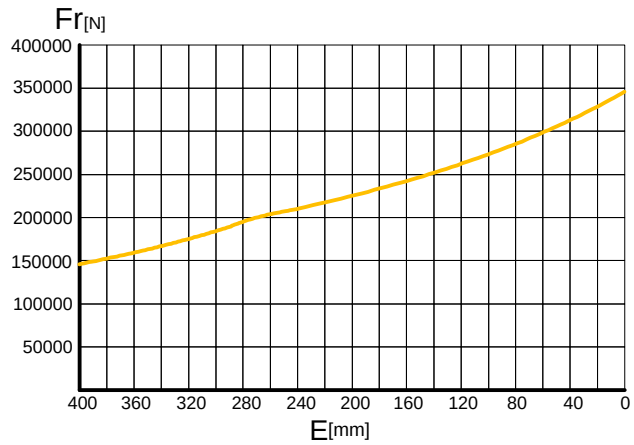
RADIAL LOADS(Fr)

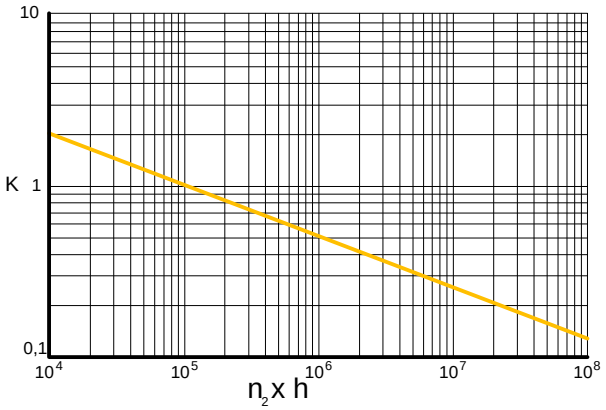
The following curves show the radial loads and the K factors to obtain the required n_2x h value.

RADIALLAST (Fr)

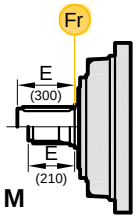
In den nachstehenden Diagrammen ist die Radiallast und der Koeffizient K dargestellt und kann mit dem gewünschten Wert n_2x h verglichen werden.

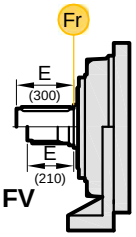
M-FV





	nxh				
	10^5	10^4	10^6	10^7	10^8
M	Fr	Fr . K			
FV	Fr .0,75	Fr . K . 0,75			





AKSİYEL YÜKLER (Fa)

Tablodaki aksiyel yük değerleri çıkış tipi ve tatbik edilen yük yönünde verilmiştir.

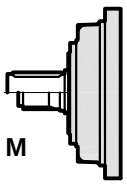
AXIAL LOADS (Fa)

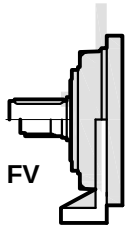
The values of the awial loads in the table refer to the output versions and load directions of application.

AXIALLAST (Fa)

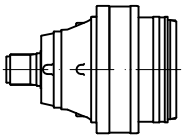
Die dargestellten Werte der Axiallast basieren auf der Version und der applizierten Lastrichtung.

Fa [N]	M	FV	
	45000	45000	←
	75000	75000	→

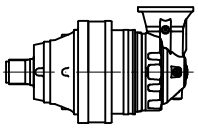




PD/PDA 135

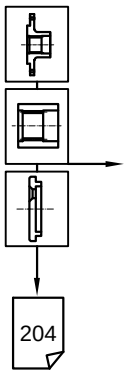
	i	T_2[Nm] $n_2$xh				n_{1max} [min^{-1}]	T_{2max} [Nm]	P_t [kW]
		10 000	20 000	50 000	100 000			
PD 135 S1	4.09	369600	332800	289600	265000	200	432640	110
	5.25	275100	247700	215600	207000	200	322010	110
PD 135 S2	16.54	369600	332800	289600	265000	750	432640	80
	20.94	369600	332800	289600	265000	750	432640	80
	26.87	275100	247700	215600	207000	750	322010	80
PD 135 S3	86.02	369600	332800	289600	265000	1500	432640	71
	103.38	369600	332800	289600	265000	1500	432640	71
	110.39	275100	247700	215600	207000	1500	322010	71
	120.90	275100	247700	215600	207000	1500	322010	71
	132.68	275100	247700	215600	207000	1500	322010	71
	167.92	275100	247700	215600	207000	1500	322010	71
PD 135 S4	242.61	369600	332800	289600	265000	2800	432640	50
	315.39	369600	332800	289600	265000	2800	432640	50
	380.93	369600	332800	289600	265000	2800	432640	50
	430.08	369600	332800	289600	265000	2800	432640	50
	482.12	369600	332800	289600	265000	2800	432640	50
	551.93	275100	247700	215600	207000	2800	322010	50
	618.72	275100	247700	215600	207000	2800	322010	50
	698.56	275100	247700	215600	207000	2800	322010	50
	758.92	369600	332800	289600	265000	2800	432640	50
	810.33	275100	247700	215600	207000	2800	322010	50
	973.95	275100	247700	215600	207000	2800	322010	50
PD 135 S5	1513.94	369600	332800	289600	265000	2800	432640	37
	1586.47	369600	332800	289600	265000	2800	432640	37
	1629.52	369600	332800	289600	265000	2800	432640	37
	1758.12	369600	332800	289600	265000	2800	432640	37
	1846.79	275100	247700	215600	207000	2800	322010	37
	1942.89	275100	247700	215600	207000	2800	322010	37
	2006.73	275100	247700	215600	207000	2800	322010	37
	2113.14	275100	247700	215600	207000	2800	322010	37
	2256.26	275100	247700	215600	207000	2800	322010	37
	2364.35	275100	247700	215600	207000	2800	322010	37
	2506.11	275100	247700	215600	207000	2800	322010	37
	2646.76	275100	247700	215600	207000	2800	322010	37
	2726.32	275100	247700	215600	207000	2800	322010	37
	2855.65	275100	247700	215600	207000	2800	322010	37
	3570.59	275100	247700	215600	207000	2800	322010	37
	4461.95	275100	247700	215600	207000	2800	322010	37
	5064.55	275100	247700	215600	207000	2800	322010	37
	6733.34	275100	247700	215600	207000	2800	322010	37
	8522.08	275100	247700	215600	207000	2800	322010	37

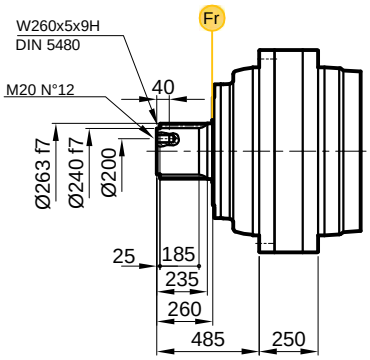
PD/PDA 135

	i	T_2[Nm] $n_2$xh				n_{1max} [min^{-1}]	T_{2max} [Nm]	P_t [kW]
		10 000	20 000	50 000	100 000			
PDA 135 S4	264.19	369600	332800	289600	265000	2500	432640	45
	401.41	369600	332800	289600	265000	2500	432640	45
	501.53	275100	247700	215600	207000	2500	332010	45
	652.00	275100	247700	215600	207000	2500	332010	45
	783.64	275100	247700	215600	207000	2500	332010	45
PDA 135 S5	1142.87	369600	332800	289600	265000	2800	432640	40
	1315.93	369600	332800	289600	265000	2800	432640	40
	1485.72	369600	332800	289600	265000	2800	432640	40
	1644.16	275100	247700	215600	207000	2800	332010	40
	1688.78	275100	247700	215600	207000	2800	332010	40
	1769.68	275100	247700	215600	207000	2800	332010	40
	1856.31	275100	247700	215600	207000	2800	332010	40
	1906.68	275100	247700	215600	207000	2800	332010	40
	2029.78	275100	247700	215600	207000	2800	332010	40
	2127.02	275100	247700	215600	207000	2800	332010	40
	2211.75	275100	247700	215600	207000	2800	332010	40
	2413.20	275100	247700	215600	207000	2800	332010	40
	2569.00	275100	247700	215600	207000	2800	332010	40
	2925.59	275100	247700	215600	207000	2800	332010	40
	3368.61	275100	247700	215600	207000	2800	332010	40
	4411.79	275100	247700	215600	207000	2800	332010	40
	5324.57	275100	247700	215600	207000	2800	332010	40
	6399.72	275100	247700	215600	207000	2800	332010	40

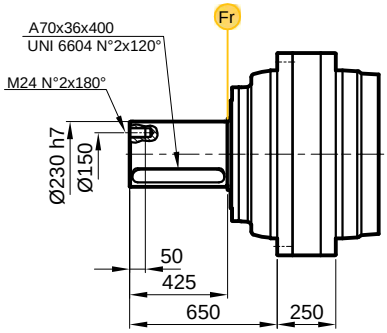
PD/PDA 135

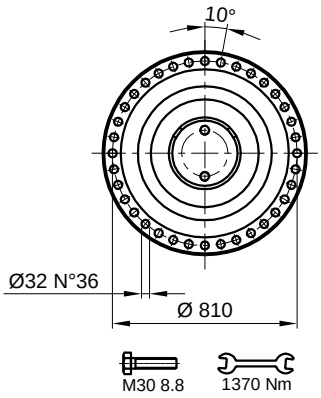
MS



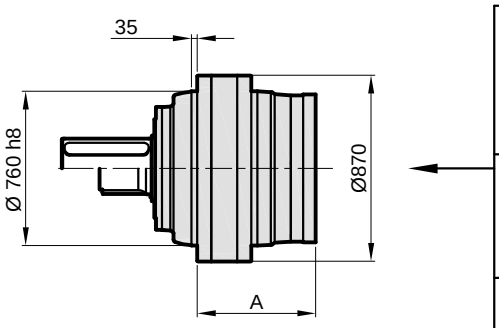


MC

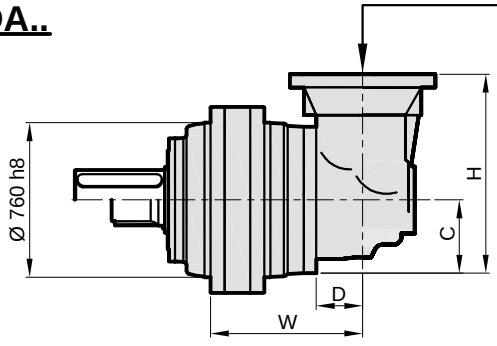


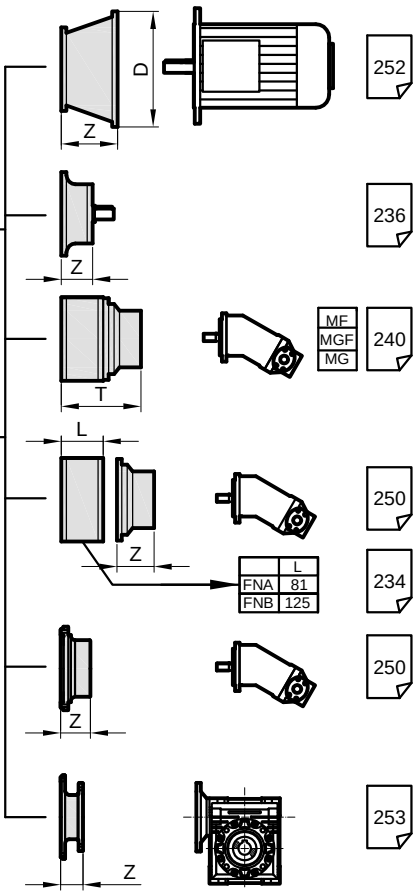


PD..



PDA..



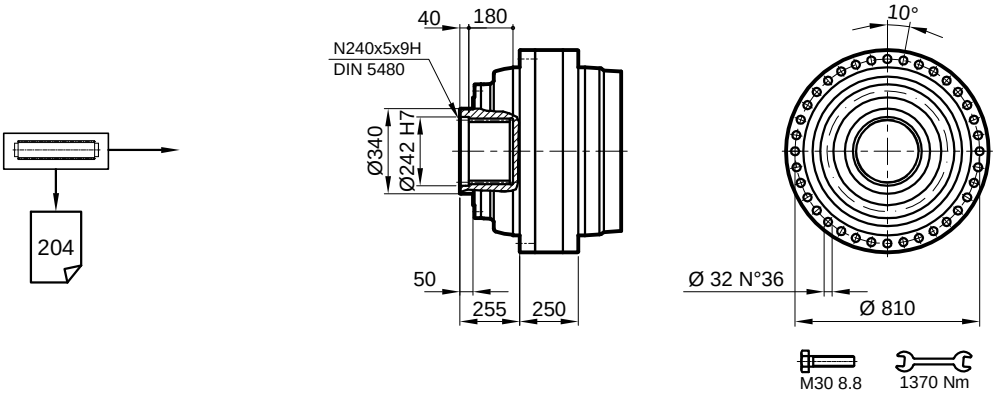


Stage	W	D	C	H	A	PD M	PDA M
S1	-	-	-	-	-	1950	-
S2	-	-	-	-	740	2263	-
S3	-	-	-	-	922	2379	-
S4	1002	88	235	550	1016	2406	2501
S5	1104	88	140	380	1075,5	2418	2443

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S3	-	-	-	-	-	-	-	-	-	-	400	148	450	148	550	183
S4	-	-	-	-	-	-	-	-	-	-	400	148	450	148	550	183
S5	-	-	-	-	-	-	300	104	350	120	400	148	450	148	-	-

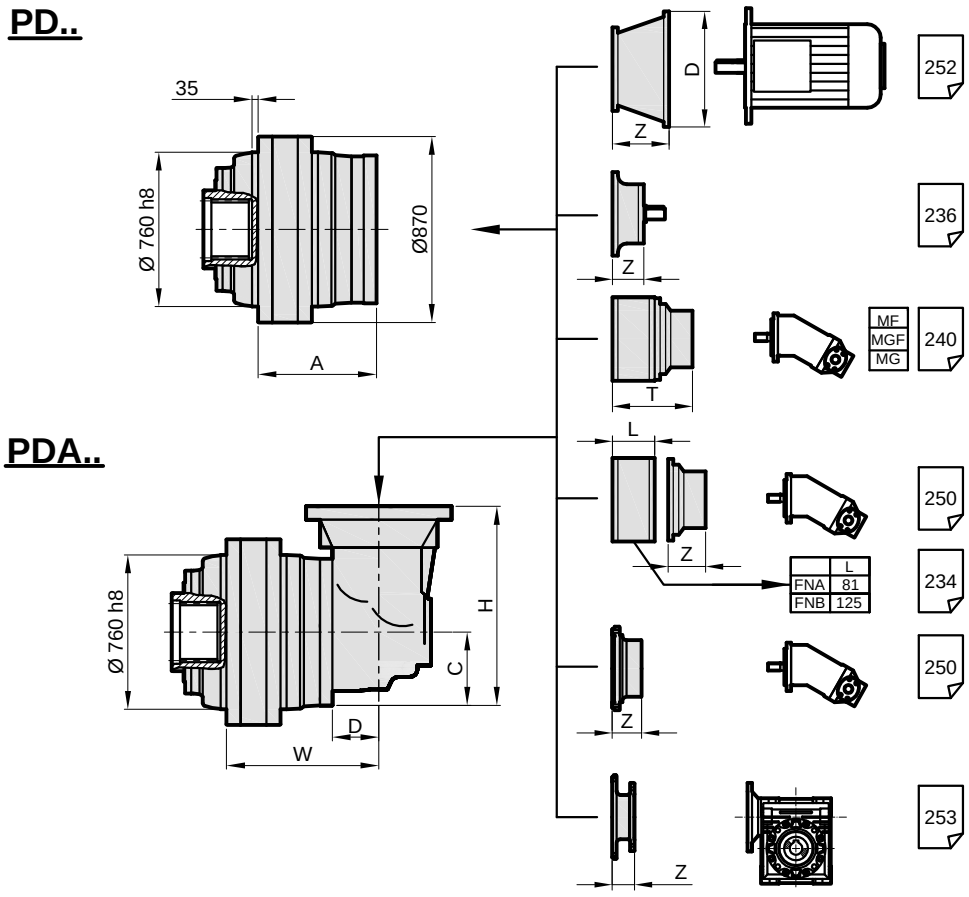
PD/PDA 135

S



PD..

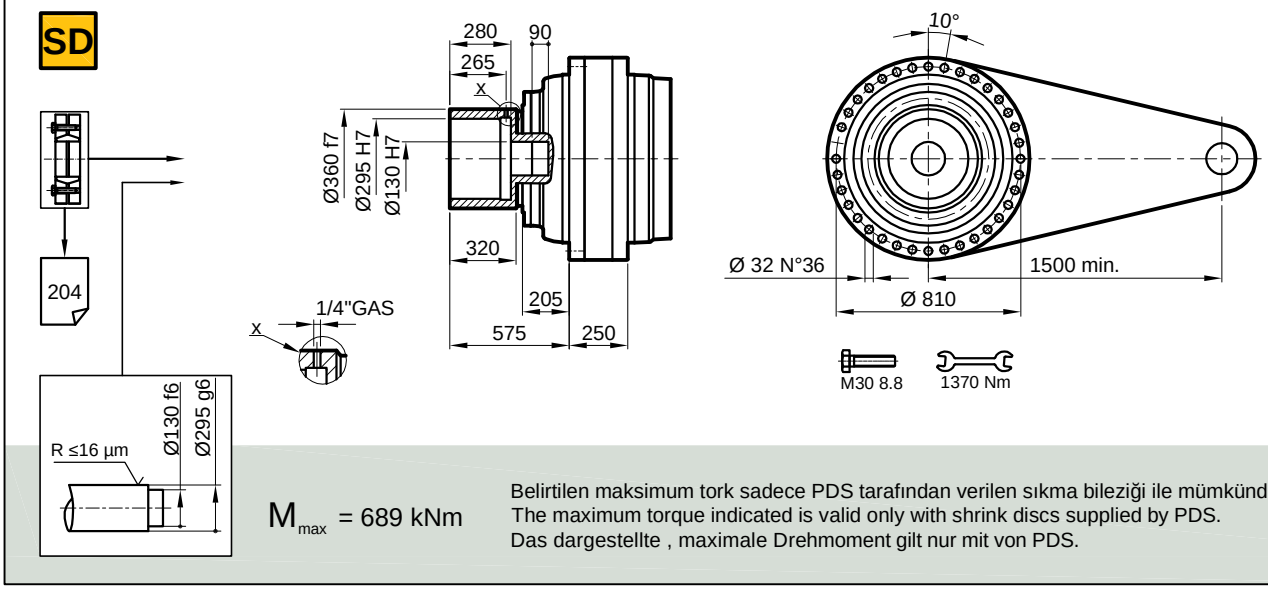
PDA..



Stage	W	D	C	H	A	PD S	PDA S
S1	-	-	-	-	-	1870	-
S2	-	-	-	-	740	2194	-
S3	-	-	-	-	922	2310	-
S4	1002	88	235	550	1016	2337	2431
S5	1104	88	140	380	1075,5	2349	2374

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S3	-	-	-	-	-	-	-	-	-	-	400	148	450	148	550	183
S4	-	-	-	-	-	-	-	-	-	-	400	148	450	148	550	183
S5	-	-	-	-	-	-	300	104	350	120	400	148	450	148	-	-

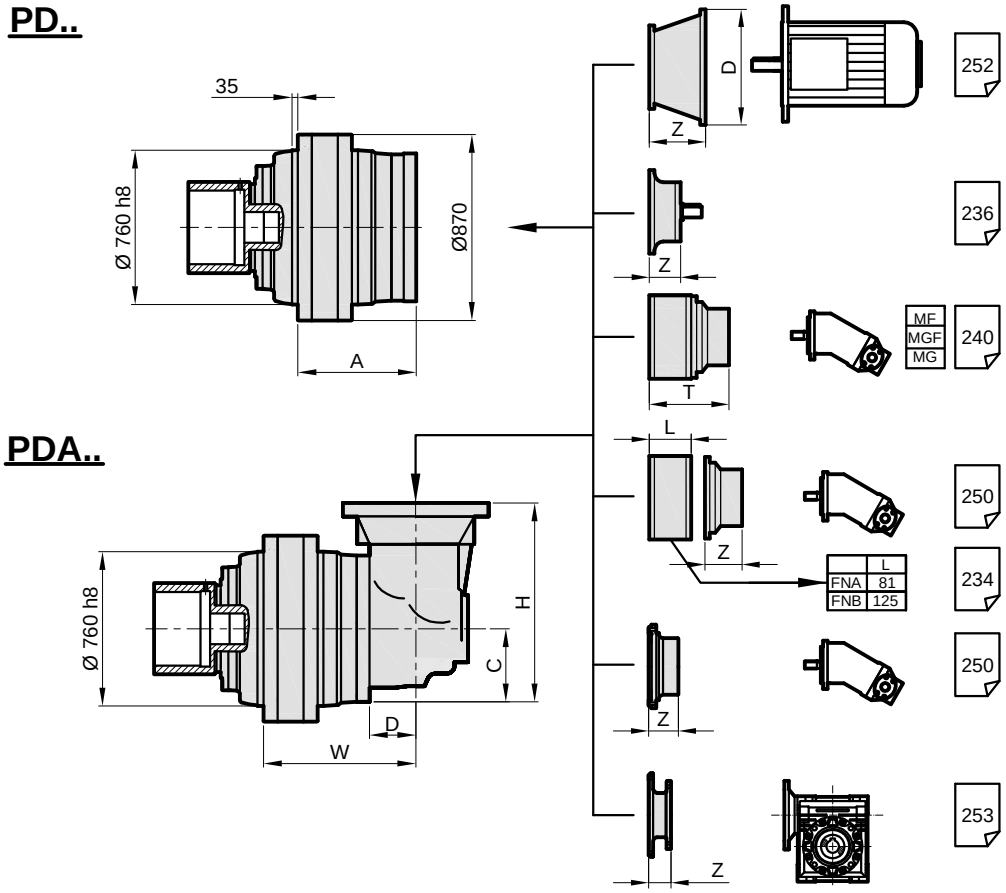
PD/PDA 135



M_{max} = 689 kNm

Belirtilen maksimum tork sadece PDS tarafından verilen sıkma bileziği ile mümkündür.
The maximum torque indicated is valid only with shrink discs supplied by PDS.
Das dargestellte , maximale Drehmoment gilt nur mit von PDS.

PD..



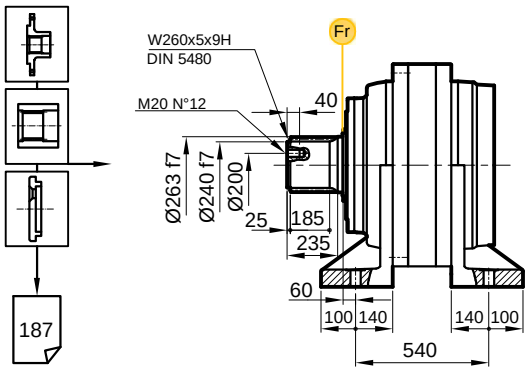
PDA..

Stage	W	D	C	H	A	PD SD	PDA SD
S1	-	-	-	-	-	1908	-
S2	-	-	-	-	740	2232	-
S3	-	-	-	-	922	2348	-
S4	1002	88	235	550	1016	2375	2469
S5	1104	88	140	380	1075,5	2387	2412

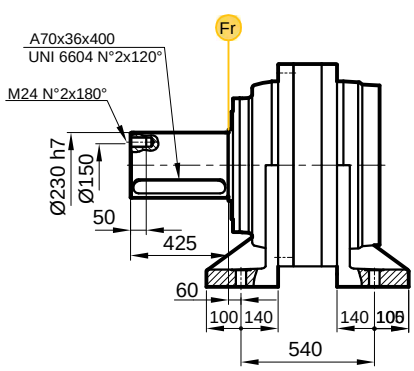
	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S3	-	-	-	-	-	-	-	-	-	-	400	148	450	148	550	183
S4	-	-	-	-	-	-	-	-	-	-	400	148	450	148	550	183
S5	-	-	-	-	-	-	300	104	350	120	400	148	450	148	-	-

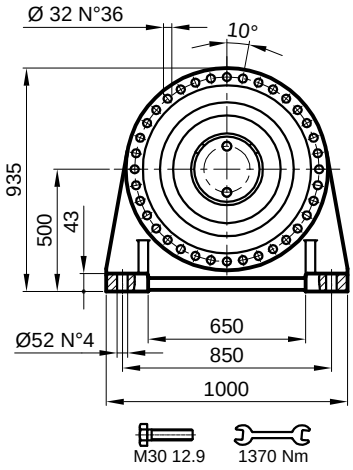
PD/PDA 135

FVS



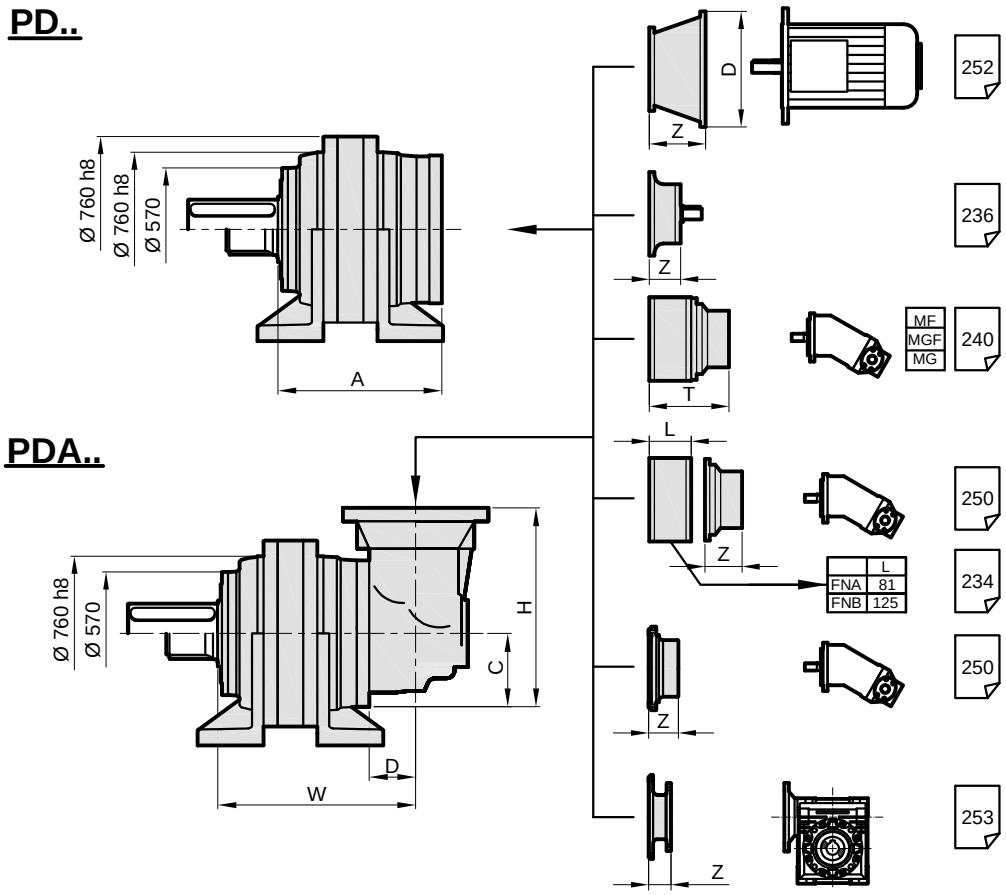
FVC





PD..

PDA..



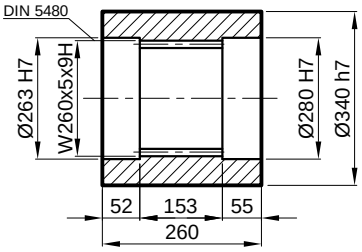
Stage	W	D	C	H	A	PD FV	PDA FV
S1	-	-	-	-	-	2035	-
S2	-	-	-	-	965	2348	-
S3	-	-	-	-	1147	2464	-
S4	1227	88	235	550	1241	2491	2586
S5	1329	88	140	380	1300,5	2503	2528

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S3	-	-	-	-	-	-	-	-	-	-	400	148	450	148	550	183
S4	-	-	-	-	-	-	-	-	-	-	400	148	450	148	550	183
S5	-	-	-	-	-	-	300	104	350	120	400	148	450	148	-	-

PD/PDA 135

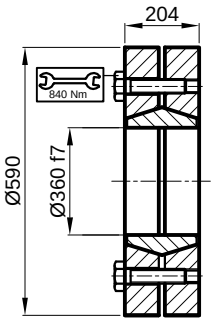
FK Frezeli Kaplin / *Spined bushing* Innenverzahnte Buchse

Malzeme /*Material* Material
UNI C40
SAE 1040
DIN Ck40



Kod / Code / Bestell
1503.135.100

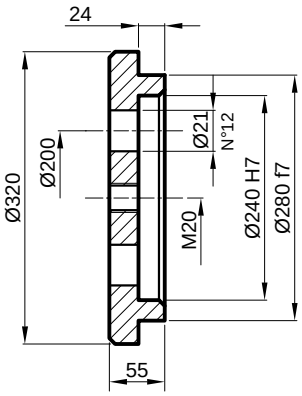
SB Sıkma Bileziği / Shrink disc Schrumpfscheibe



Maksimum tork
Max. torque
Max.Drehmoment
689 kNm

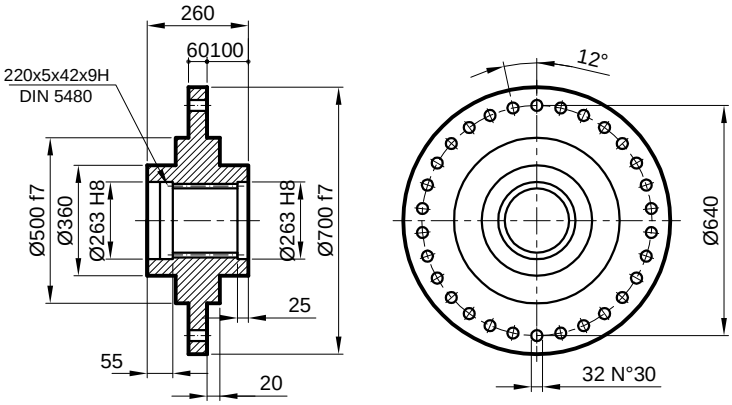
Kod / Code / Bestell
2501.135.001

SP Sabitleme Pulu / *Stop bottom plate* / Endscheibe



Kod / Code / Bestell
1507.135.250

FL Flanş / *Flange* / Flansch



Kod / Code / Bestell
1505.135.200

PD/PDA 135

RADYAL YÜK(Fr)

Aşağıdaki diyagramlar radyal yükleri ve k faktörlerini arzu edilen n_2x h değerlerinde verir.

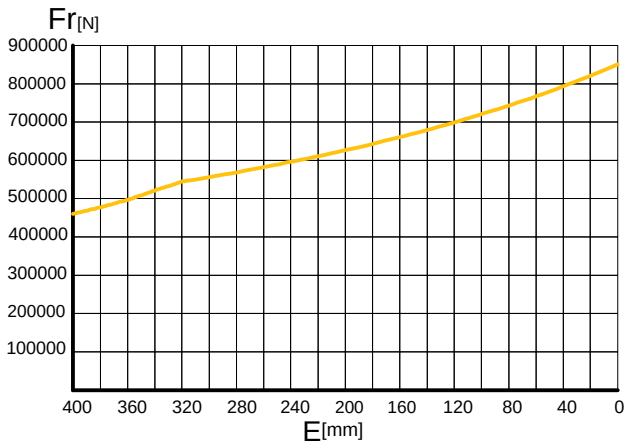
RADIAL LOADS(Fr)

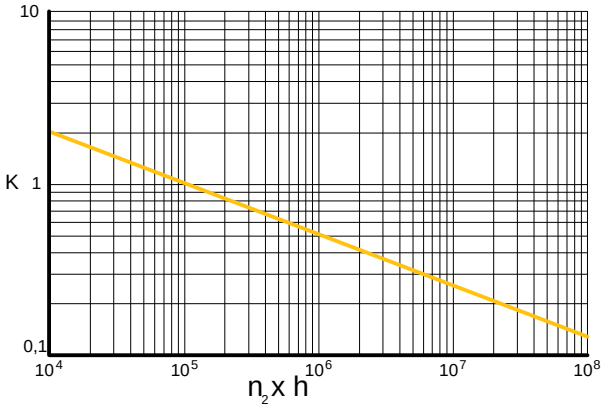
The following curves show the radial loads and the K factors to obtain the required n_2x h value.

RADIALLAST (Fr)

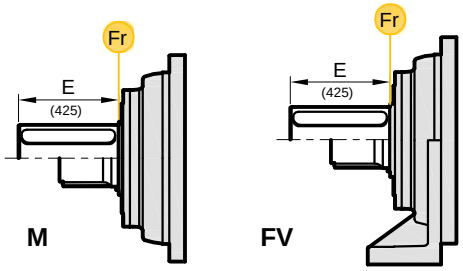
In den nachstehenden Diagrammen ist die Radiallast und der Koeffizient K dargestellt und kann mit dem gewünschten Wert n_2x h verglichen werden.

M-FV





	nxh				
	10^5	10^4	10^6	10^7	10^8
M	Fr	Fr . K			
FV	Fr .0,75	Fr . K . 0,75			



AKSİYEL YÜKLER (Fa)

Tablodaki aksiyel yük değerleri çıkış tipi ve tatbik edilen yük yönünde verilmiştir.

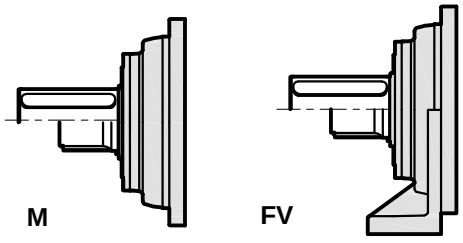
AXIAL LOADS (Fa)

The values of the awial loads in the table refer to the output versions and load directions of application.

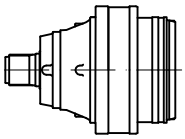
AXIALLAST (Fa)

Die dargestellten Werte der Axiallast basieren auf der Version und der applizierten Lastrichtung.

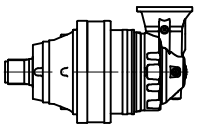
Fa [N]	M	FV	
	110000	80000	←
	110000	100000	→



PD 137

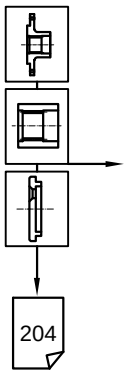
	i	T_2 [Nm] $n_2$xh				n_{1max} [min^{-1}]	T_{2max} [Nm]	P_t [kW]
		10 000	20 000	50 000	100 000			
PD 137 S1	3.83	434000	390000	340000	330000	200	507000	110
PD 137 S2	15.50	434000	390000	340000	330000	750	507000	80
	19.62	434000	390000	340000	330000	750	507000	80
PD 137 S3	62.00	434000	390000	340000	330000	1500	507000	71
	80.60	434000	390000	340000	330000	1500	507000	71
	96.87	434000	390000	340000	330000	1500	507000	71
	122.61	434000	390000	340000	330000	1500	507000	71
PD 137 S4	227.33	434000	390000	340000	330000	2800	507000	50
	295.53	434000	390000	340000	330000	2800	507000	50
	356.94	434000	390000	340000	330000	2800	507000	50
	403.00	434000	390000	340000	330000	2800	507000	50
	467.48	434000	390000	340000	330000	2800	507000	50
	510.05	434000	390000	340000	330000	2800	507000	50
	591.66	434000	390000	340000	330000	2800	507000	50
	711.13	434000	390000	340000	330000	2800	507000	50
PD 137 S5	858.81	434000	390000	340000	330000	2800	507000	37
	1037.26	434000	390000	340000	330000	2800	507000	37
	1278.74	434000	390000	340000	330000	2800	507000	37
	1418.61	434000	390000	340000	330000	2800	507000	37
	1601.65	434000	390000	340000	330000	2800	507000	37
	1844.19	434000	390000	340000	330000	2800	507000	37
	2082.15	434000	390000	340000	330000	2800	507000	37
	2157.58	434000	390000	340000	330000	2800	507000	37
	2415.29	434000	390000	340000	330000	2800	507000	37
	2635.28	434000	390000	340000	330000	2800	507000	37
	3257.90	434000	390000	340000	330000	2800	507000	37
	3550.00	434000	390000	340000	330000	2800	507000	37
	4266.80	434000	390000	340000	330000	2800	507000	37
	4444.59	434000	390000	340000	330000	2800	507000	37
	5155.72	434000	390000	340000	330000	2800	507000	37

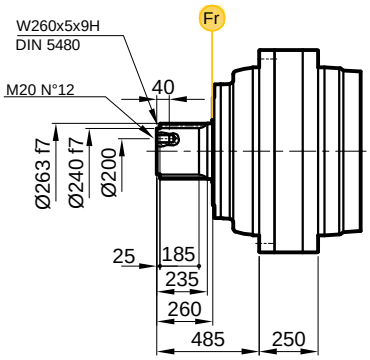
PDA 137

	i	T_2[Nm] $n_2$xh				n_{1max} [min^{-1}]	T_{2max} [Nm]	P_t [kW]
		10 000	20 000	50 000	100 000			
PDA 137 S4	190.43	434000	390000	340000	330000	2500	507000	45
	247.56	434000	390000	340000	330000	2500	507000	45
	313.32	434000	390000	340000	330000	2500	507000	45
	366.19	434000	390000	340000	330000	2500	507000	45
	476.05	434000	390000	340000	330000	2500	507000	45
	572.18	434000	390000	340000	330000	2500	507000	45
PDA 137 S5	677.07	434000	390000	340000	330000	2500	507000	45
	816.12	434000	390000	340000	330000	2500	507000	45
	1028.73	434000	390000	340000	330000	2500	507000	45
	1240.00	434000	390000	340000	330000	2500	507000	45
	1386.31	434000	390000	340000	330000	2500	507000	45
	1620.25	434000	390000	340000	330000	2500	507000	45
	1953.00	434000	390000	340000	330000	2500	507000	45
	2106.33	434000	390000	340000	330000	2500	507000	45
	2471.80	434000	390000	340000	330000	2500	507000	45
	2665.89	434000	390000	340000	330000	2500	507000	45
	3204.19	434000	390000	340000	330000	2500	507000	45
	3862.19	434000	390000	340000	330000	2500	507000	45
	4958.86	434000	390000	340000	330000	2500	507000	45

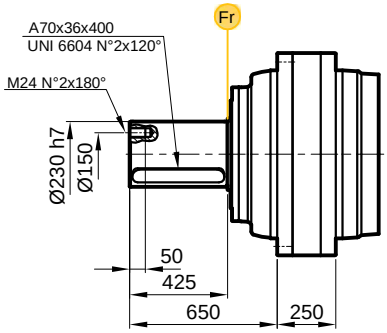
PD/PDA 137

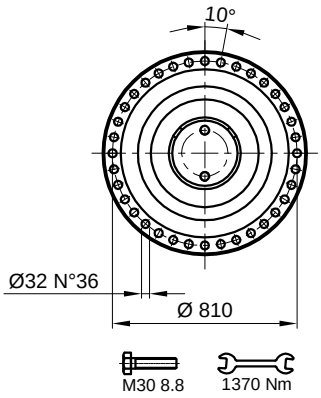
MS



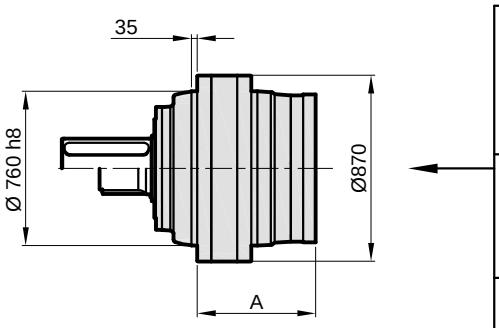


MC

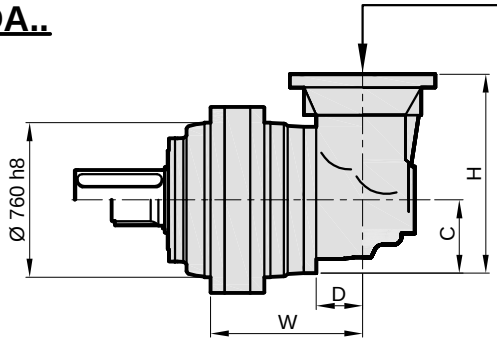


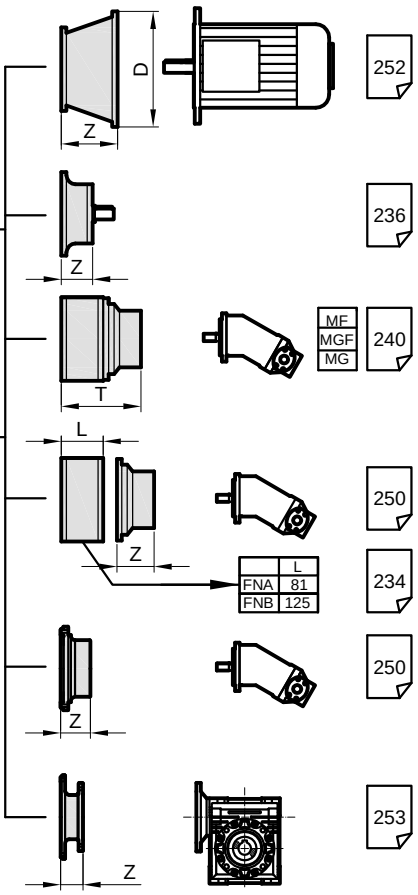


PD..



PDA..



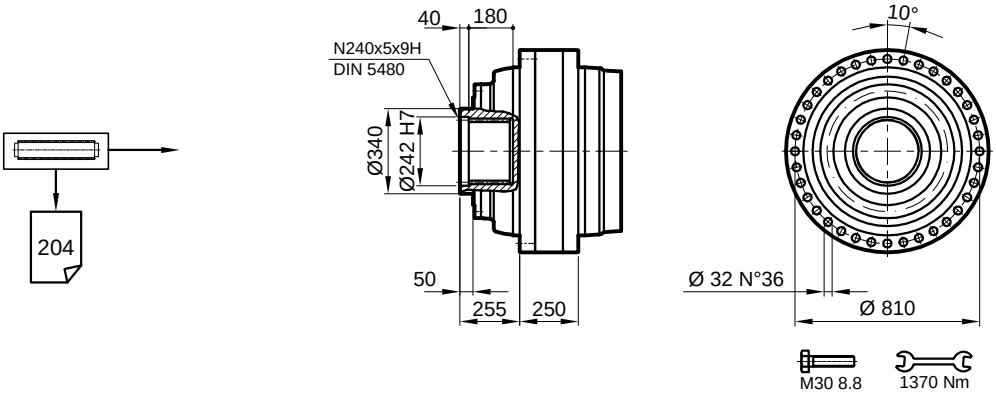


Stage	W	D	C	H	A	PD M	PDA M
S1	-	-	-	-	-	1950	-
S2	-	-	-	-	740	2263	-
S3	-	-	-	-	922	2379	-
S4	1002	88	235	550	1016	2406	2501
S5	1104	88	140	380	1075,5	2418	2443

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S3	-	-	-	-	-	-	-	-	-	-	400	148	450	148	550	183
S4	-	-	-	-	-	-	-	-	-	-	400	148	450	148	550	183
S5	-	-	-	-	-	-	300	104	350	120	400	148	450	148	-	-

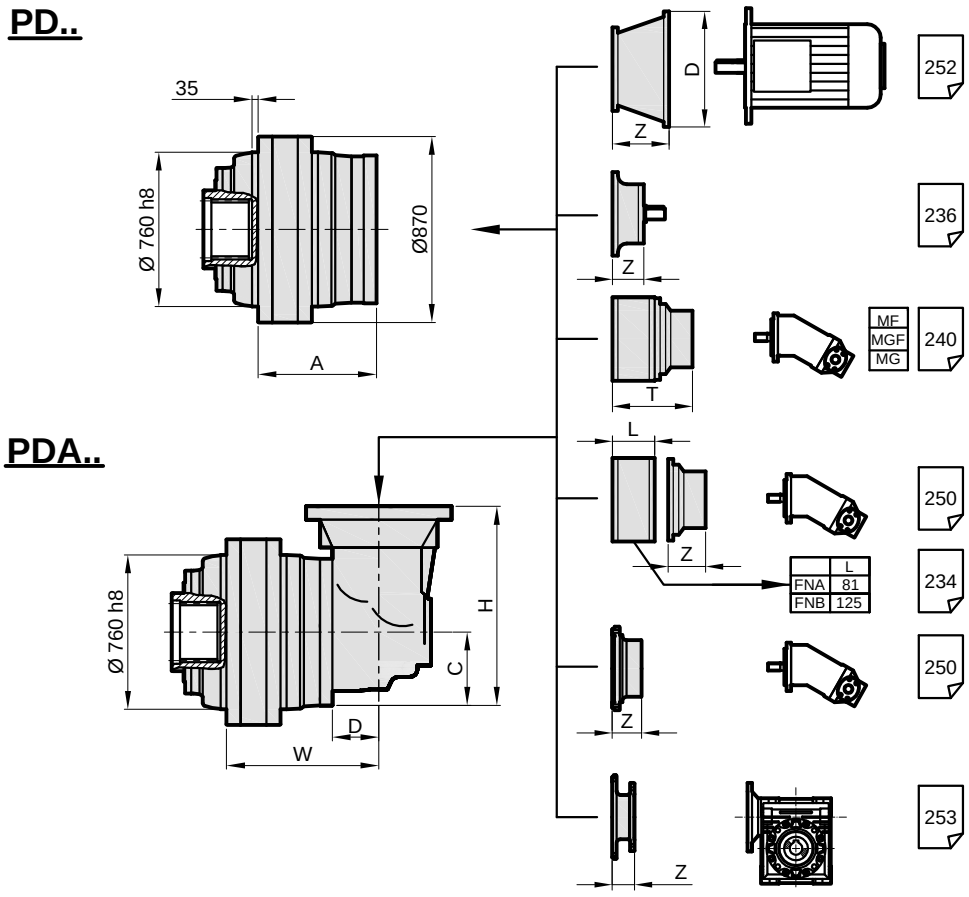
PD/PDA 137

S



PD..

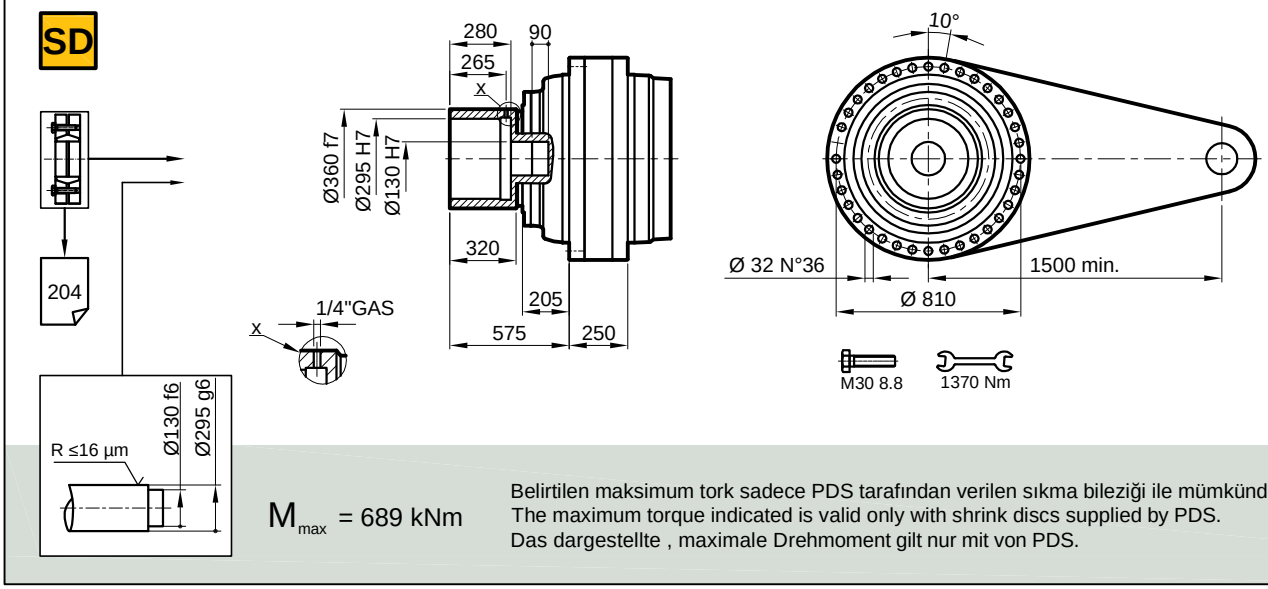
PDA..



Stage	W	D	C	H	A	PD S	PDA S
S1	-	-	-	-	-	1870	-
S2	-	-	-	-	740	2194	-
S3	-	-	-	-	922	2310	-
S4	1002	88	235	550	1016	2337	2431
S5	1104	88	140	380	1075,5	2349	2374

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S3	-	-	-	-	-	-	-	-	-	-	400	148	450	148	550	183
S4	-	-	-	-	-	-	-	-	-	-	400	148	450	148	550	183
S5	-	-	-	-	-	-	300	104	350	120	400	148	450	148	-	-

PD/PDA 137

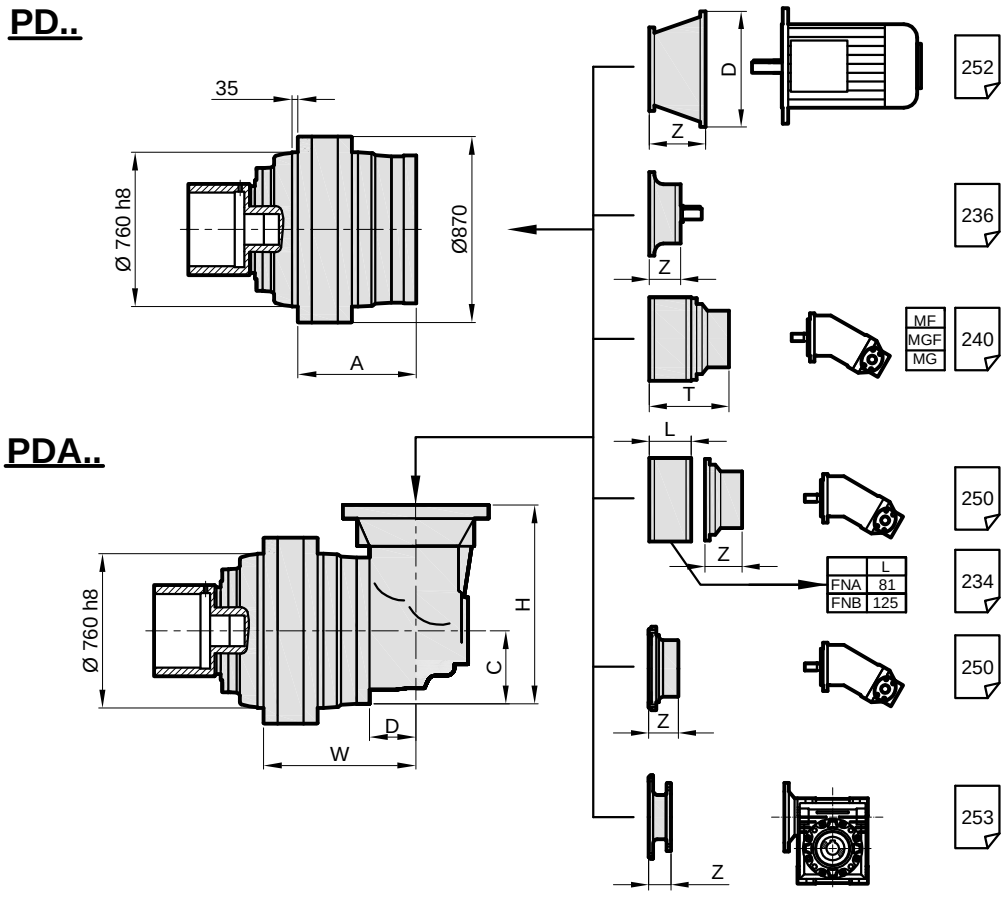


M_{max} = 689 kNm

Belirtilen maksimum tork sadece PDS tarafından verilen sıkma bileziği ile mümkündür.
The maximum torque indicated is valid only with shrink discs supplied by PDS.
Das dargestellte , maximale Drehmoment gilt nur mit von PDS.

PD..

PDA..

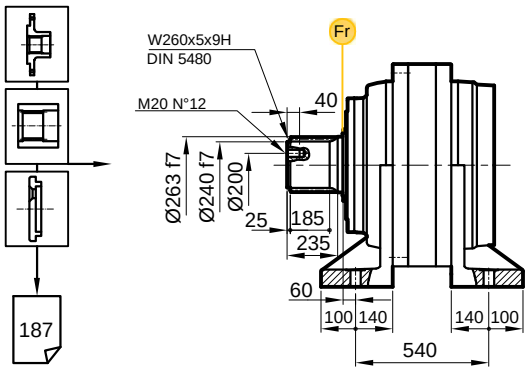


Stage	W	D	C	H	A	PD SD	PDA SD
S1	-	-	-	-	-	1908	-
S2	-	-	-	-	740	2232	-
S3	-	-	-	-	922	2348	-
S4	1002	88	235	550	1016	2375	2469
S5	1104	88	140	380	1075,5	2387	2412

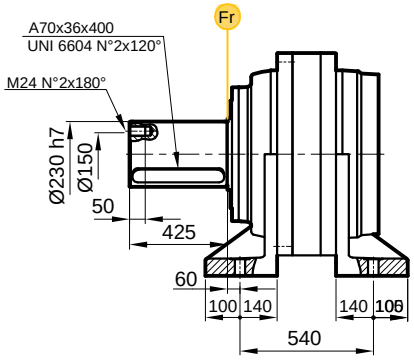
	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S3	-	-	-	-	-	-	-	-	-	-	400	148	450	148	550	183
S4	-	-	-	-	-	-	-	-	-	-	400	148	450	148	550	183
S5	-	-	-	-	-	-	300	104	350	120	400	148	450	148	-	-

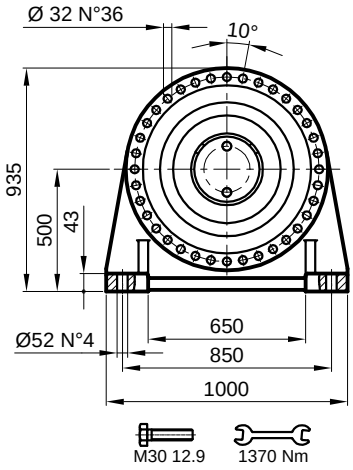
PD/PDA 137

FVS

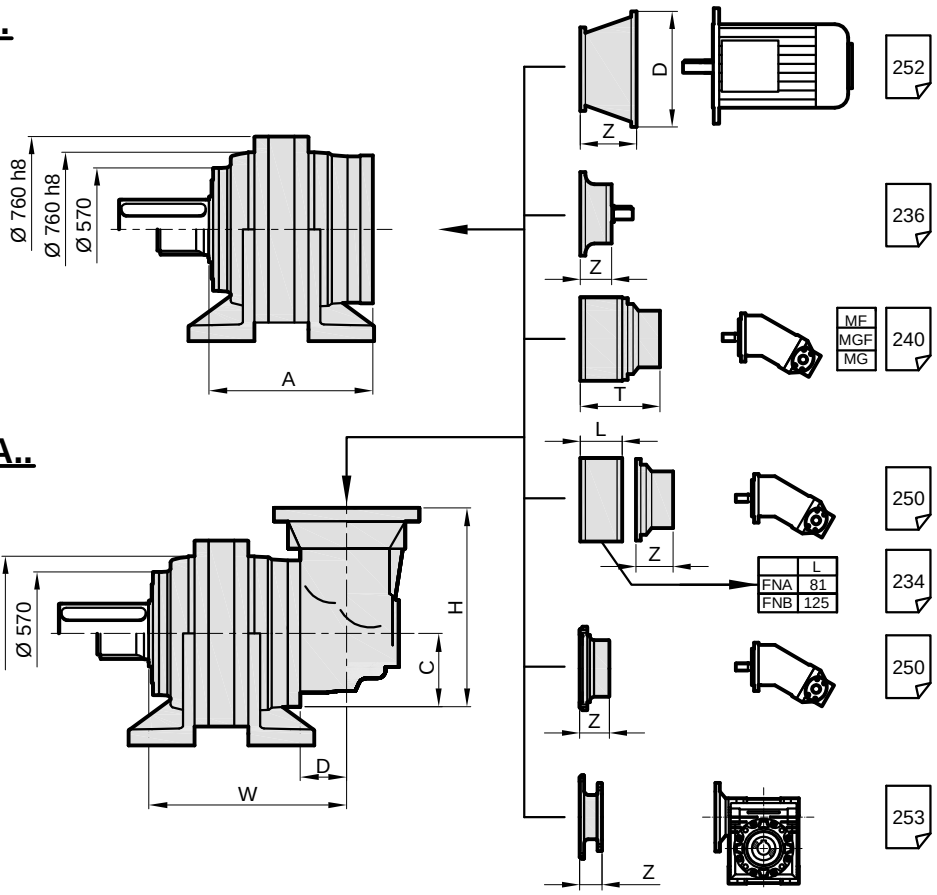


FVC





PD..



PDA..

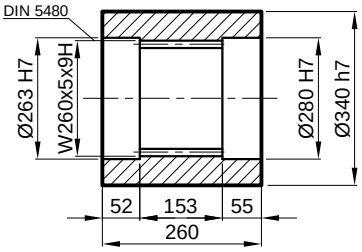
Stage	W	D	C	H	A	PD FV	PDA FV
S1	-	-	-	-	-	2035	-
S2	-	-	-	-	965	2348	-
S3	-	-	-	-	1147	2464	-
S4	1227	88	235	550	1241	2491	2586
S5	1329	88	140	380	1300,5	2503	2528

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S3	-	-	-	-	-	-	-	-	-	-	400	148	450	148	550	183
S4	-	-	-	-	-	-	-	-	-	-	400	148	450	148	550	183
S5	-	-	-	-	-	-	300	104	350	120	400	148	450	148	-	-

PD/PDA 137

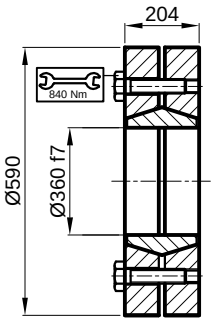
FK Frezeli Kaplin / *Spined bushing* Innenverzahnte Buchse

Malzeme /*Material* Material
UNI C40
SAE 1040
DIN Ck40



Kod / Code / Bestell
1503.135.100

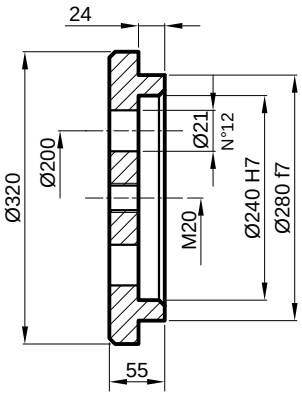
SB Sıkma Bileziği / Shrink disc Schrumpfscheibe



Maksimum tork
Max. torque
Max.Drehmoment
689 kNm

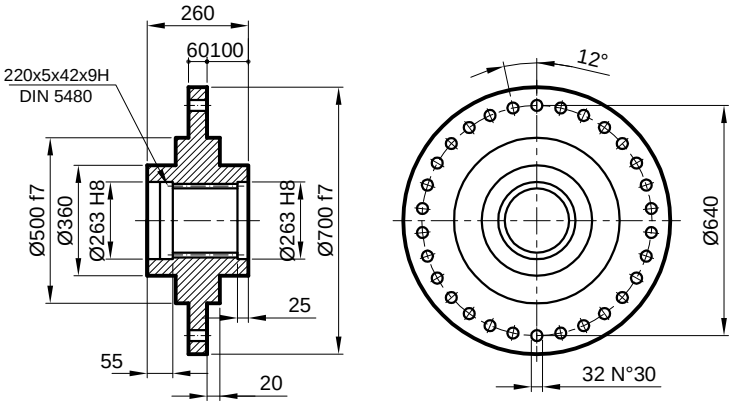
Kod / Code / Bestell
2501.135.001

SP Sabitleme Pulu / *Stop bottom plate* / Endscheibe



Kod / Code / Bestell
1507.135.250

FL Flanş / *Flange* / Flansch



Kod / Code / Bestell
1505.135.200

PD/PDA 137

RADYAL YÜK(Fr)

Aşağıdaki diyagramlar radyal yükleri ve k faktörlerini arzu edilen n_2x h değerlerinde verir.

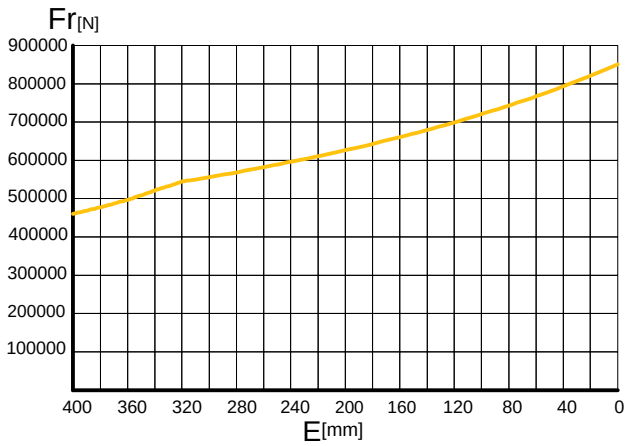
RADIAL LOADS(Fr)

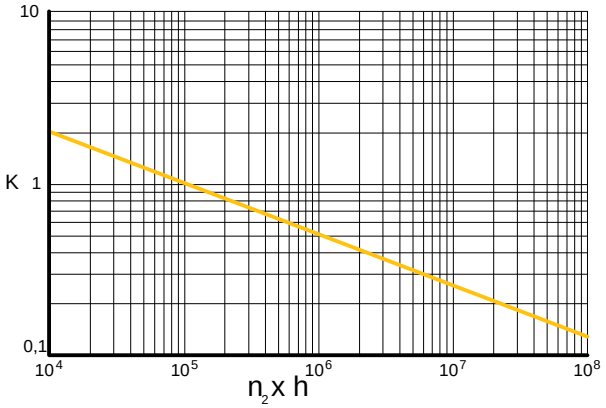
The following curves show the radial loads and the K factors to obtain the required n_2x h value.

RADIALLAST (Fr)

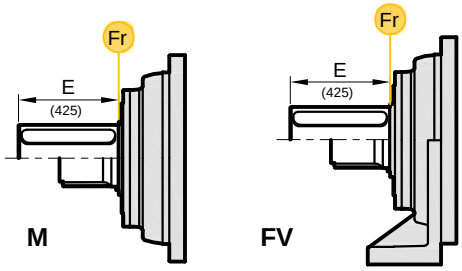
In den nachstehenden Diagrammen ist die Radiallast und der Koeffizient K dargestellt und kann mit dem gewünschten Wert n_2x h verglichen werden.

M-FV





	nxh				
	10^5	10^4	10^6	10^7	10^8
M	Fr	Fr . K			
FV	Fr .0,75	Fr . K . 0,75			



AKSİYEL YÜKLER (Fa)

Tablodaki aksiyel yük değerleri çıkış tipi ve tatbik edilen yük yönünde verilmiştir.

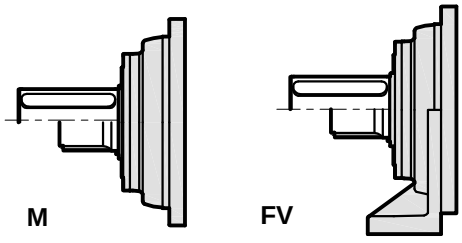
AXIAL LOADS (Fa)

The values of the awial loads in the table refer to the output versions and load directions of application.

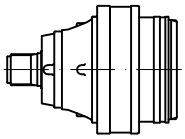
AXIALLAST (Fa)

Die dargestellten Werte der Axiallast basieren auf der Version und der applizierten Lastrichtung.

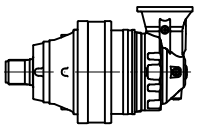
Fa [N]	M	FV	
	110000	80000	←
	110000	100000	→



PD 139

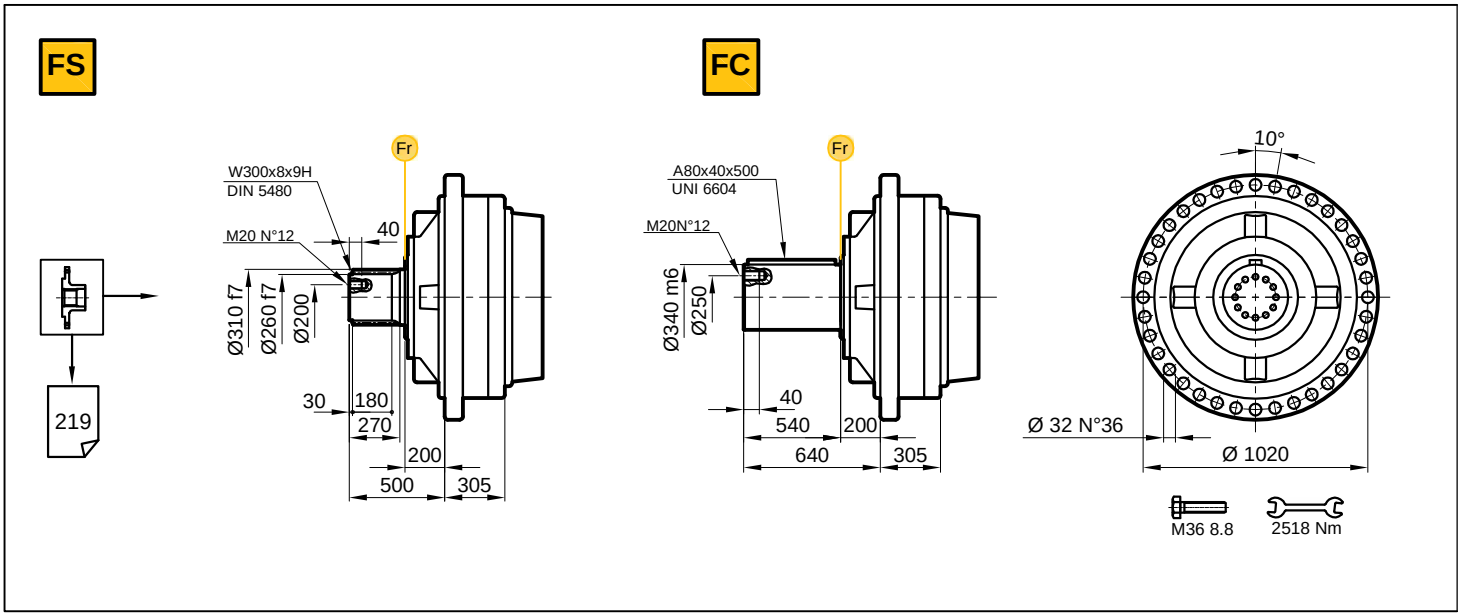
	i	T_2 [Nm]				n_{1max} [min^{-1}]	T_{2max} [Nm]	P_t [kW]
		$n_2$xh						
		10 000	20 000	50 000	100 000			
PD 139 S1	3.84	635700	572300	498200	450000	100	743990	160
PD 139 S2	15.03	635700	572300	498200	450000	200	743990	110
	19.00	635700	572300	498200	450000	200	743990	110
PD 139 S3	59.42	635700	572300	498200	450000	1200	743990	93
	75.00	635700	572300	498200	450000	1200	743990	93
	90.15	635700	572300	498200	450000	1200	743990	93
	96.06	635700	572300	498200	450000	1200	743990	93
	113.85	635700	572300	498200	450000	1200	743990	93
PD 139 S4	211.27	635700	572300	498200	450000	2000	743990	70
	254.66	635700	572300	498200	450000	2000	743990	70
	266.79	635700	572300	498200	450000	2000	743990	70
	332.76	635700	572300	498200	450000	2000	743990	70
	362.67	635700	572300	498200	450000	2000	743990	70
	420.19	635700	572300	498200	450000	2000	743990	70
	506.48	635700	572300	498200	450000	2000	743990	70
	648.38	635700	572300	498200	450000	2000	743990	70
PD 139 S5	798.14	635700	572300	498200	450000	2800	743990	49
	871.50	635700	572300	498200	450000	2800	743990	49
	1050.47	635700	572300	498200	450000	2800	743990	49
	1100.50	635700	572300	498200	450000	2800	743990	49
	1214.84	635700	572300	498200	450000	2800	743990	49
	1483.87	635700	572300	498200	450000	2800	743990	49
	1600.73	635700	572300	498200	450000	2800	743990	49
	1846.29	635700	572300	498200	450000	2800	743990	49
	2082.20	635700	572300	498200	450000	2800	743990	49
	2176.00	635700	572300	498200	450000	2800	743990	49
	2398.76	635700	572300	498200	450000	2800	743990	49
	2629.33	635700	572300	498200	450000	2800	743990	49
	3046.40	635700	572300	498200	450000	2800	743990	49
	3227.51	635700	572300	498200	450000	2800	743990	49
	3722.61	635700	572300	498200	450000	2800	743990	49
	3890.31	635700	572300	498200	450000	2800	743990	49
	4700.79	635700	572300	498200	450000	2800	743990	49
	5571.30	635700	572300	498200	450000	2800	743990	49

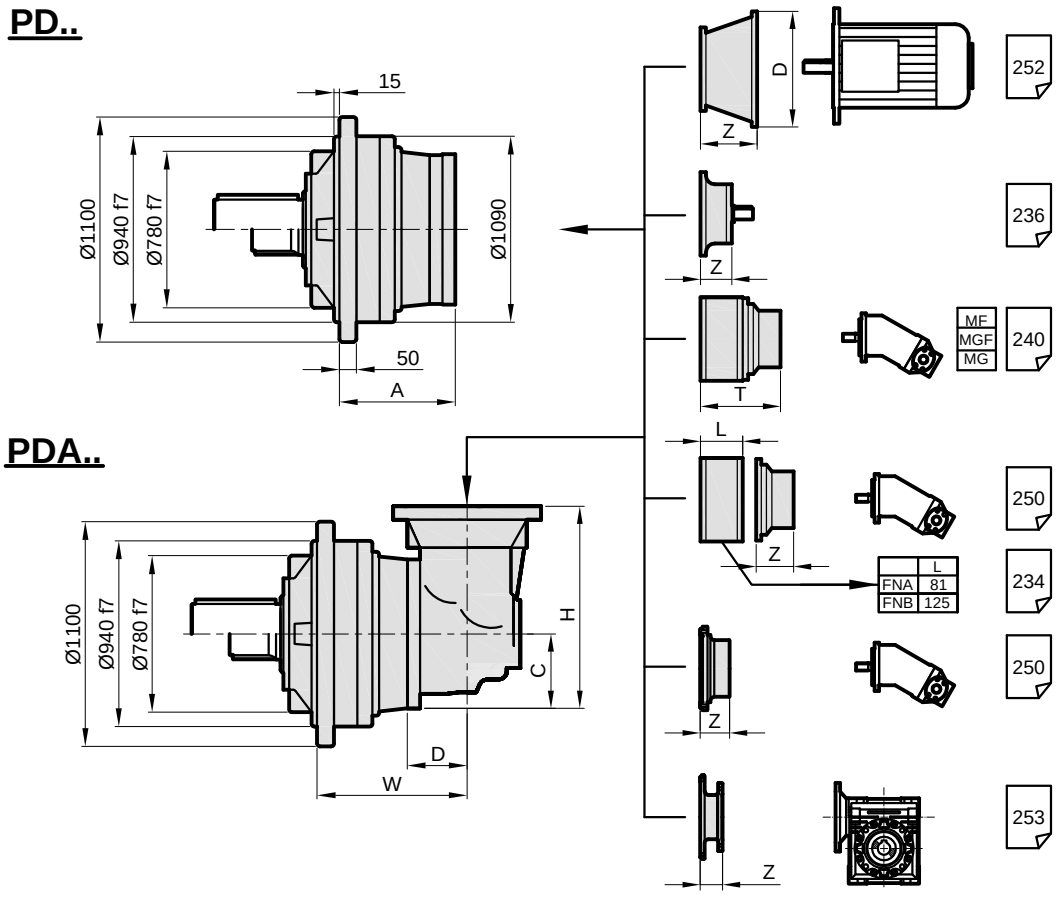
PDA 139



	i	T_2 [Nm]				n_{1max} [min^{-1}]	T_{2max} [Nm]	P_t [kW]
		$n_2$xh						
		10 000	20 000	50 000	100 000			
PDA 139 S4	276.91	635700	572300	498200	450000	2500	743990	57
	295.03	635700	572300	498200	450000	2500	743990	57
	349.67	635700	572300	498200	450000	2500	743990	57
	448.27	635700	572300	498200	450000	2500	743990	57
	531.28	635700	572300	498200	450000	2500	743990	57
PDA 139 S5	648.91	635700	572300	498200	450000	2500	743990	50
	782.17	635700	572300	498200	450000	2500	743990	50
	830.72	635700	572300	498200	450000	2500	743990	50
	985.94	635700	572300	498200	450000	2500	743990	50
	1113.90	635700	572300	498200	450000	2500	743990	50
	1245.00	635700	572300	498200	450000	2500	743990	50
	1426.00	635700	572300	498200	450000	2500	743990	50
	1593.83	635700	572300	498200	450000	2500	743990	50
	1869.12	635700	572300	498200	450000	2500	743990	50
	1960.90	635700	572300	498200	450000	2500	743990	50
	2396.17	635700	572300	498200	450000	2500	743990	50
	2839.90	635700	572300	498200	450000	2500	743990	50
	3025.79	635700	572300	498200	450000	2500	743990	50
	3586.13	635700	572300	498200	450000	2500	743990	50

PD/PDA 139



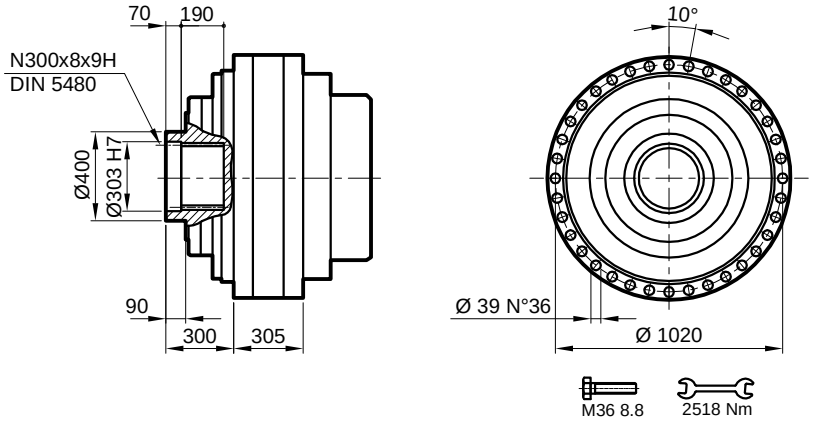


Stage	W	D	C	H	A	PD F	PDA F
S3	-	-	-	-	904	4053	4135
S4	1174	88	235	550	1053	4069	4175

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S4	-	-	-	-	-	-	-	-	-	-	400	148	450	148	550	183
S5	-	-	-	-	-	-	300	104	350	120	400	148	450	148	-	-

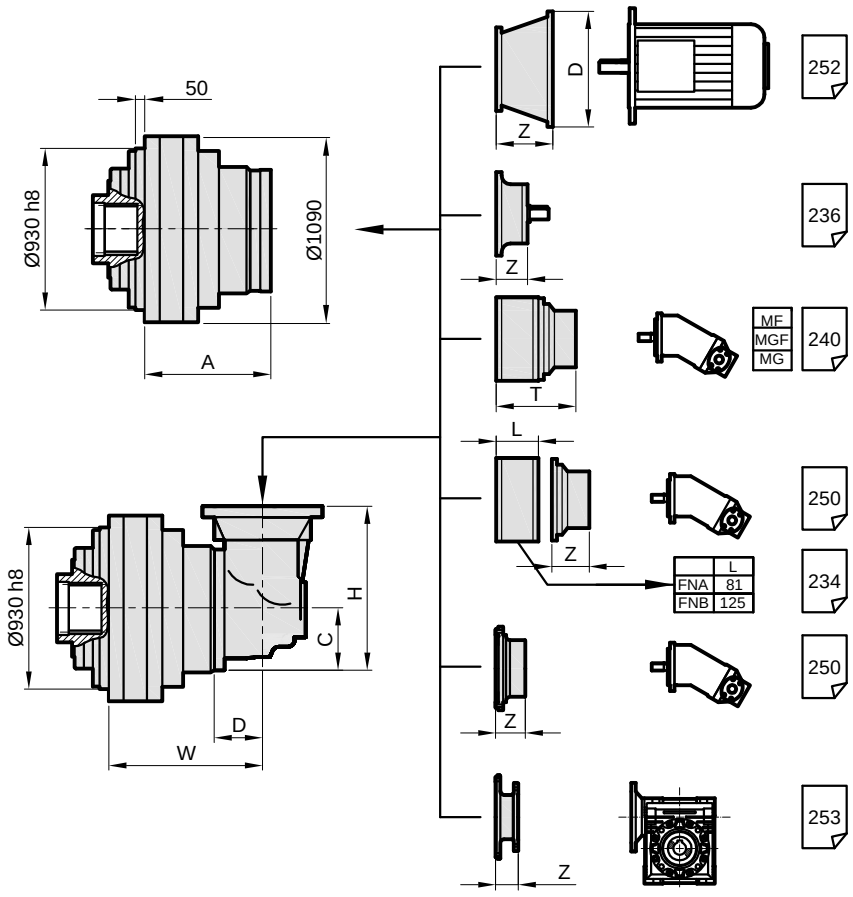
PD/PDA 139

S



PD..

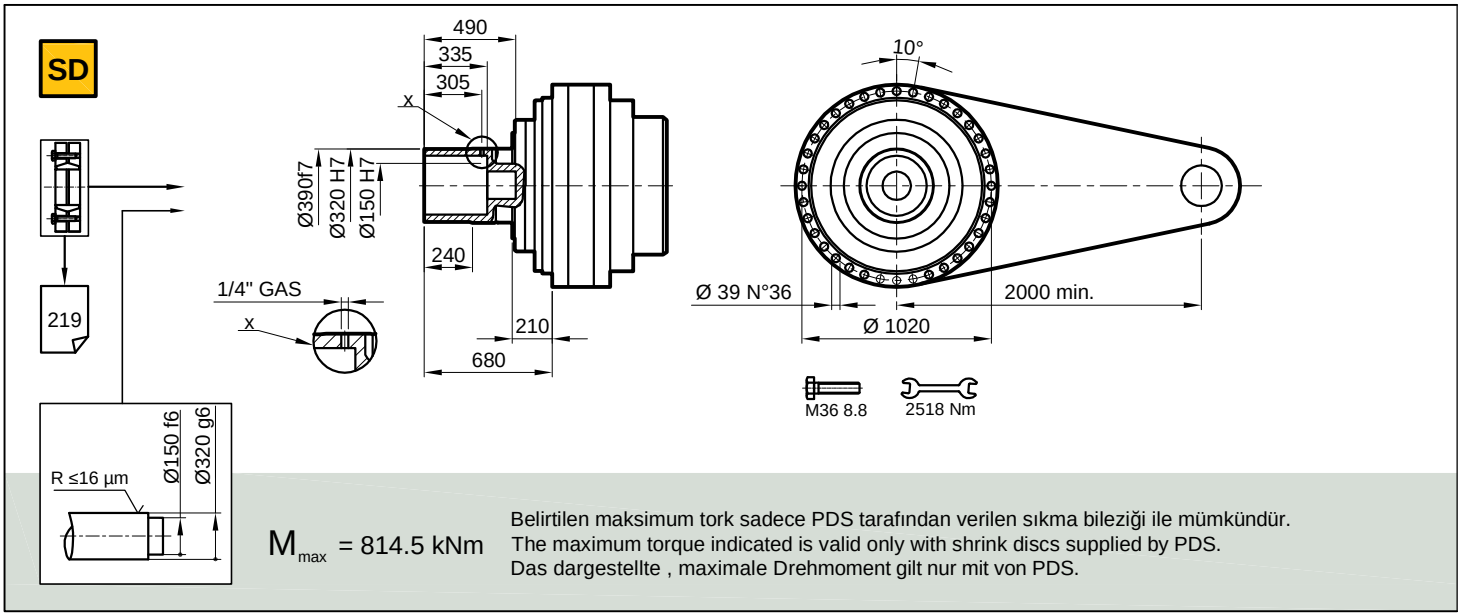
PDA..



Stage	W	D	C	H	A	PD S	PDA S
S1	-	-	-	-	-	2850	-
S2	-	-	-	-	903,5	3650	-
S3	-	-	-	-	1124,5	3844	-
S4	1305,5	88	235	550	1231,5	3903	3985
S5	1366,5	88	235	550	1303	3919	4025

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S4	-	-	-	-	-	-	-	-	-	-	400	148	450	148	550	183
S5	-	-	-	-	-	-	300	104	350	120	400	148	450	148	-	-

PD/PDA 139

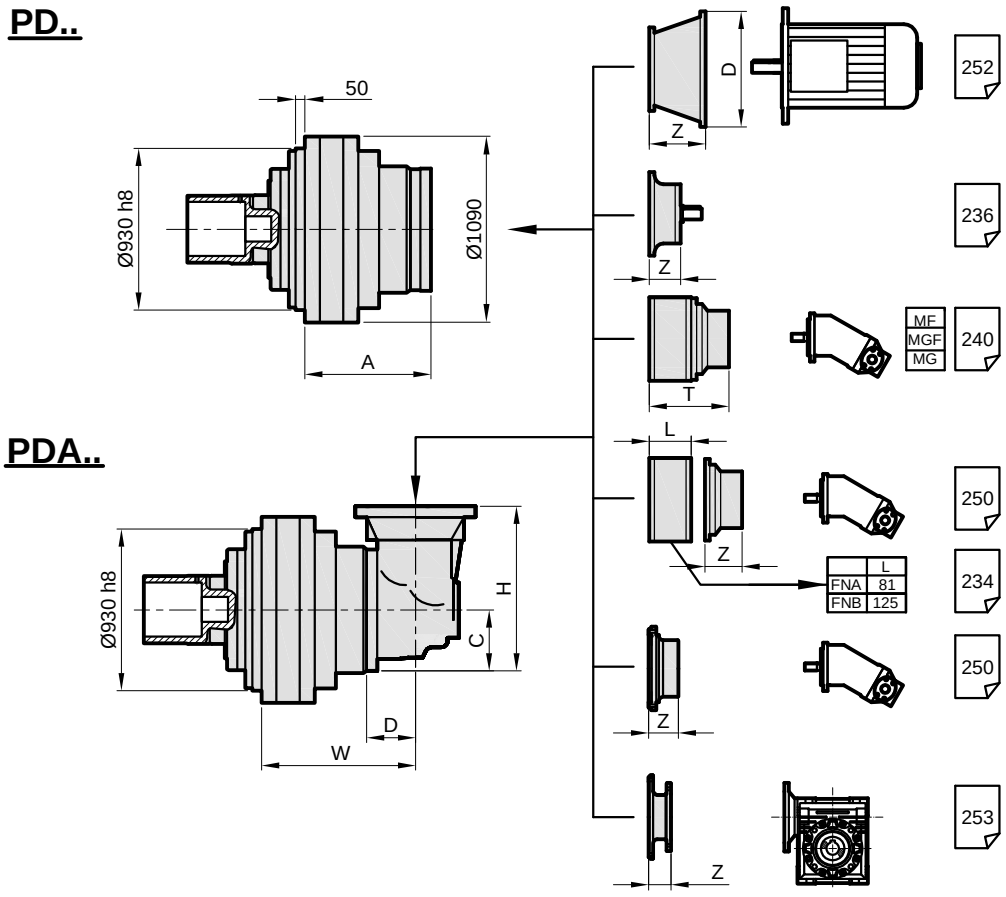


M_{max} = 814.5 kNm

Belirtilen maksimum tork sadece PDS tarafından verilen sıkma bileziği ile mümkündür.
The maximum torque indicated is valid only with shrink discs supplied by PDS.
Das dargestellte , maximale Drehmoment gilt nur mit von PDS.

PD..

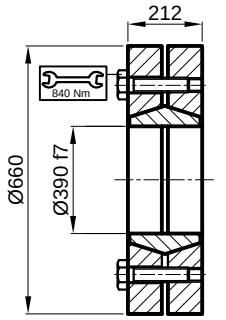
PDA..



Stage	W	D	C	H	A	PD SD	PDA SD
S1	-	-	-	-	-	2907	-
S2	-	-	-	-	903,5	3707	-
S3	-	-	-	-	1124,5	3901	-
S4	1305,5	88	235	550	1231,5	3960	4042
S5	1366,5	88	235	550	1303	3976	4082

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S4	-	-	-	-	-	-	-	-	-	-	400	148	450	148	550	183
S5	-	-	-	-	-	-	300	104	350	120	400	148	450	148	-	-

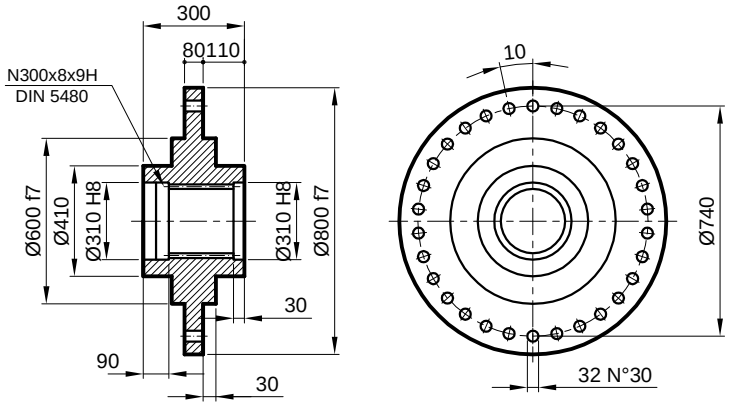
SB Sıkma Bileziği / Shrink disc
Schrumpfscheibe



Maksimum tork
Max. torque
Max.Drehmoment
814,5 kNm

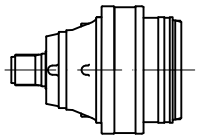
Kod / Code / Bestell
2501.139.001

FL Flanş / *Flange* / Flansch

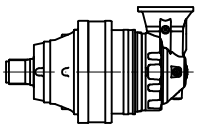


Kod / Code / Bestell
1505.139.200

PD 141

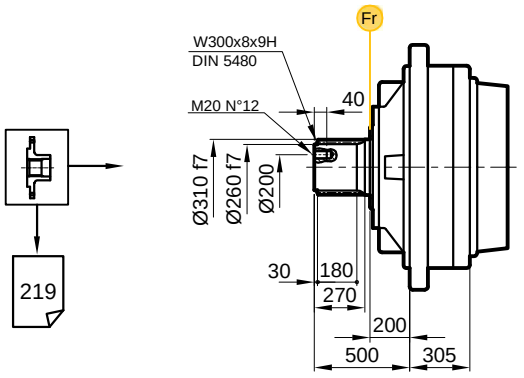
	i	T_2 [Nm] $n_2$xh				n_{1max} [min^{-1}]	T_{2max} [Nm]	P_t [kW]
		10 000	20 000	50 000	100 000			
PD 141 S1	3.84	730300	657500	572300	540000	100	854750	160
PD 141 S2	14.13	730300	657500	572300	540000	200	854750	110
	19.00	730300	657500	572300	540000	200	854750	110
PD 141 S3	55.88	730300	657500	572300	540000	1200	854750	93
	75.00	730300	657500	572300	540000	1200	854750	93
	96.06	730300	657500	572300	540000	1200	854750	93
PD 141 S4	198.69	730300	657500	572300	540000	2000	854750	70
	266.79	730300	657500	572300	540000	2000	854750	70
	306.60	730300	657500	572300	540000	2000	854750	70
	362.67	730300	657500	572300	540000	2000	854750	70
	411.67	730300	657500	572300	540000	2000	854750	70
	482.89	730300	657500	572300	540000	2000	854750	70
	537.92	730300	657500	572300	540000	2000	854750	70
	648.38	730300	657500	572300	540000	2000	854750	70
	768.46	730300	657500	572300	540000	2000	854750	70
	1026.58	730300	657500	572300	540000	2000	854750	70
PD 141 S5	1214.84	730300	657500	572300	540000	2800	854750	49
	1326.50	730300	657500	572300	540000	2800	854750	49
	1496.00	730300	657500	572300	540000	2800	854750	49
	1616.87	730300	657500	572300	540000	2800	854750	49
	1736.35	730300	657500	572300	540000	2800	854750	49
	1873.78	730300	657500	572300	540000	2800	854750	49
	1958.22	730300	657500	572300	540000	2800	854750	49
	2127.00	730300	657500	572300	540000	2800	854750	49
	2218.92	730300	657500	572300	540000	2800	854750	49
	2403.72	730300	657500	572300	540000	2800	854750	49
	2779.25	730300	657500	572300	540000	2800	854750	49
	3046.40	730300	657500	572300	540000	2800	854750	49
	3500.95	730300	657500	572300	540000	2800	854750	49
	3899.91	730300	657500	572300	540000	2800	854750	49
	4610.73	730300	657500	572300	540000	2800	854750	49
	5571.30	730300	657500	572300	540000	2800	854750	49

PDA 141

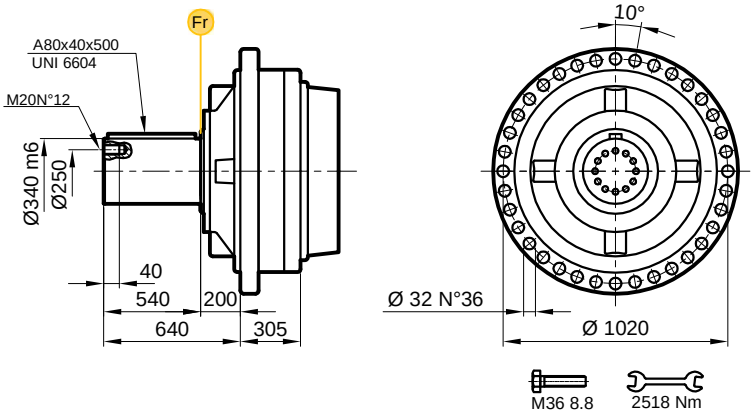
	i	T_2[Nm]				n_{1max} [min^{-1}]	T_{2max} [Nm]	P_t [kW]
		$n_2$xh						
		10 000	20 000	50 000	100 000			
PDA 141 S5	610.27	730300	657500	572300	540000	2500	854750	50
	735.60	730300	657500	572300	540000	2500	854750	50
	819.42	730300	657500	572300	540000	2500	854750	50
	927.24	730300	657500	572300	540000	2500	854750	50
	987.70	730300	657500	572300	540000	2500	854750	50
	1113.90	730300	657500	572300	540000	2500	854750	50
	1246.00	730300	657500	572300	540000	2500	854750	50
	1426.00	730300	657500	572300	540000	2500	854750	50
	1500.69	730300	657500	572300	540000	2500	854750	50
	1692.44	730300	657500	572300	540000	2500	854750	50
	1960.90	730300	657500	572300	540000	2500	854750	50
	2166.62	730300	657500	572300	540000	2500	854750	50
	2510.29	730300	657500	572300	540000	2500	854750	50
	3025.79	730300	657500	572300	540000	2500	854750	50
	3586.13	730300	657500	572300	540000	2500	854750	50

PD/PDA 141

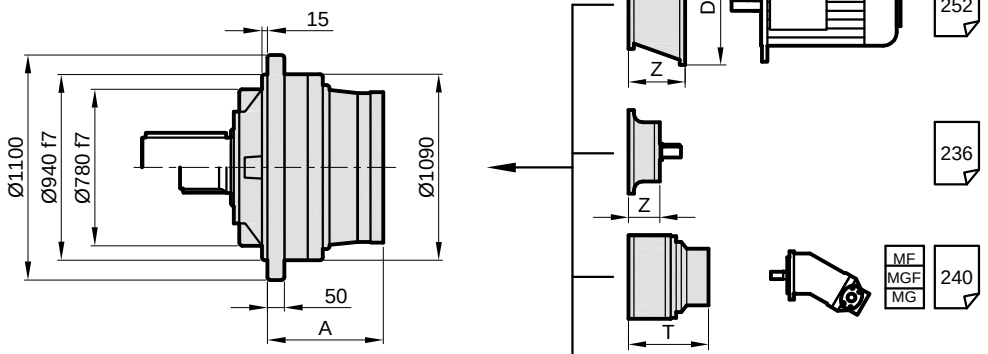
FS



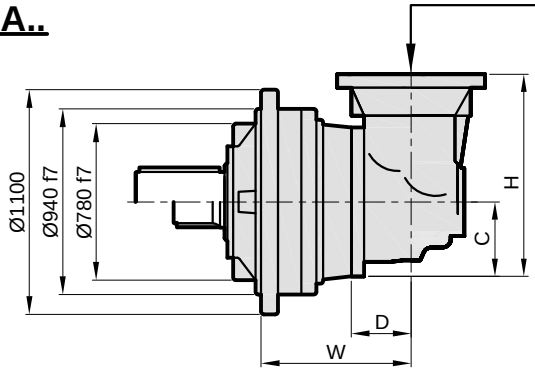
FC

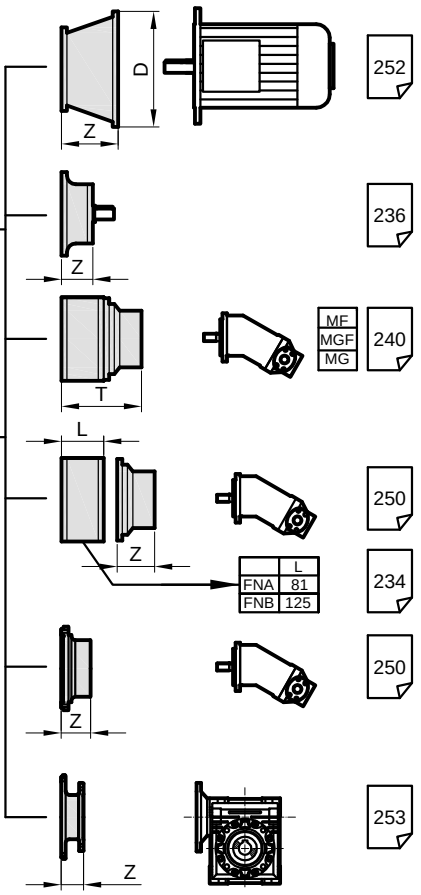


PD..



PDA..



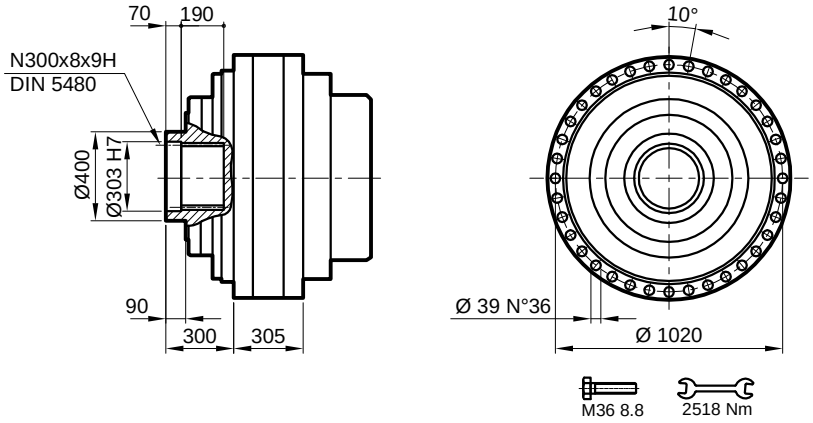


Stage	W	D	C	H	A	PD F	PDA F
S3	-	-	-	-	904	4053	4135
S4	1174	88	235	550	1053	4069	4175

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S4	-	-	-	-	-	-	-	-	-	-	400	148	450	148	550	183
S5	-	-	-	-	-	-	-	-	-	-	400	148	450	148	-	-

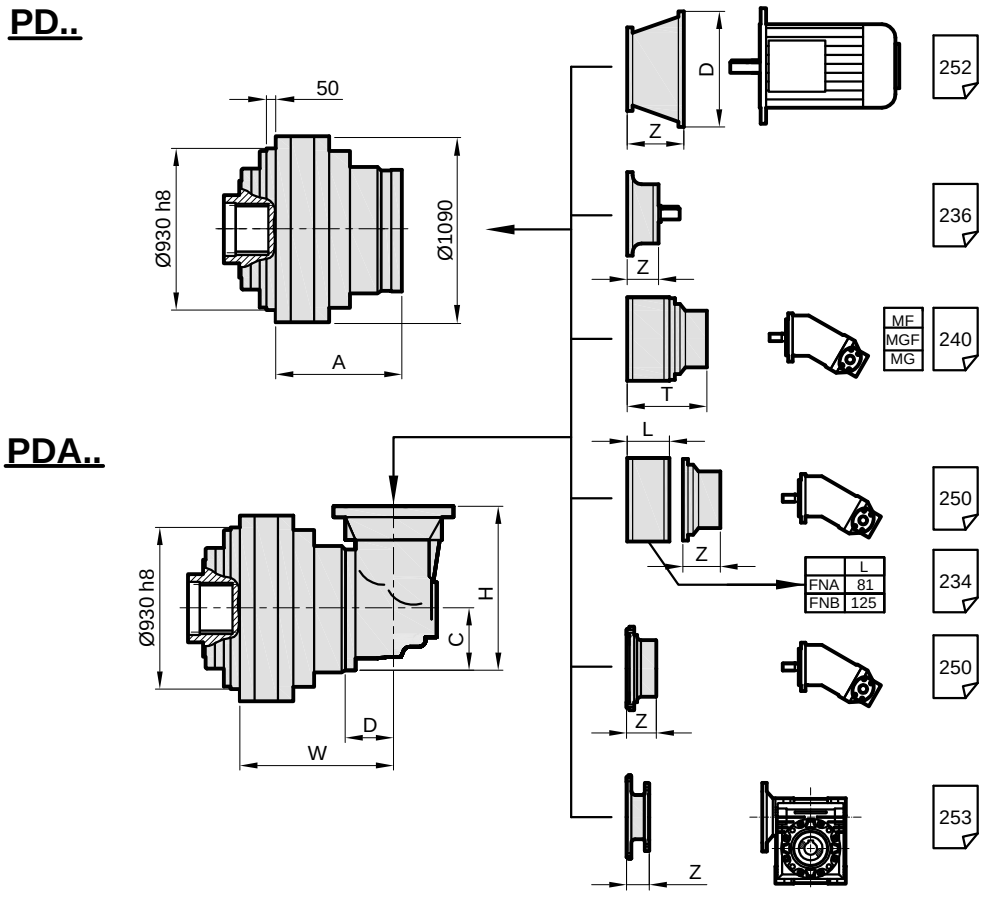
PD/PDA 141

S



PD..

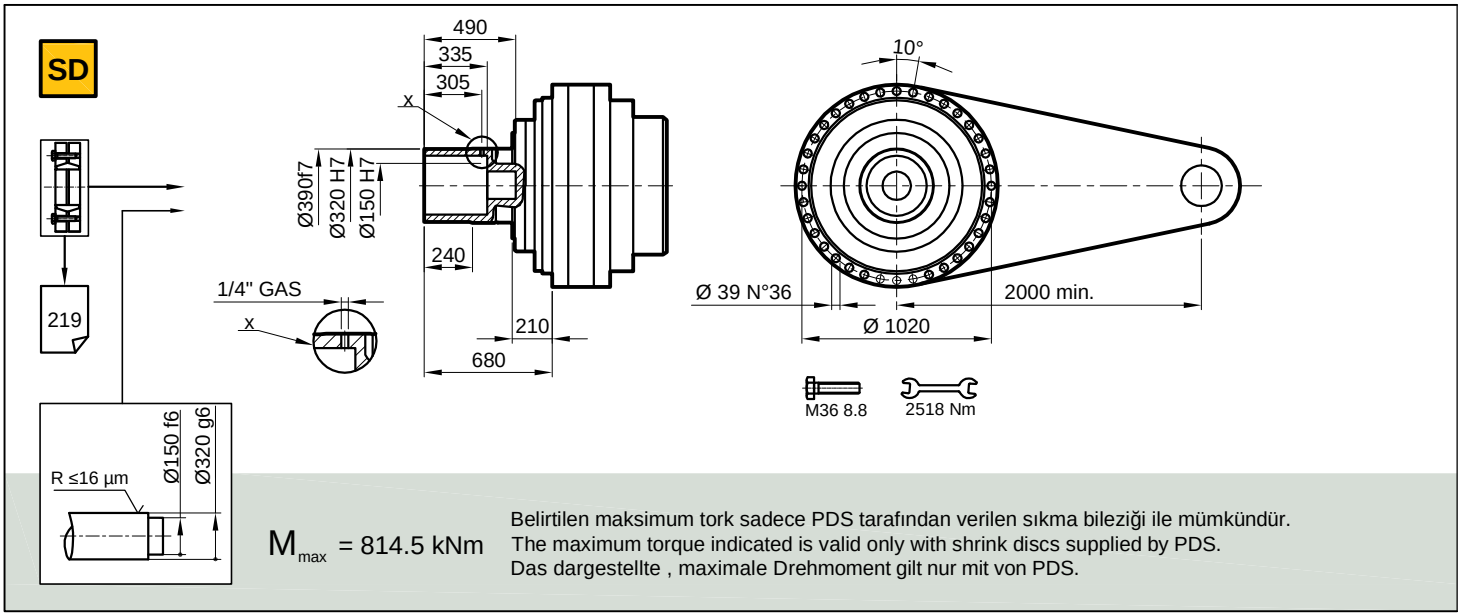
PDA..



Stage	W	D	C	H	A	PD S	PDA S
S1	-	-	-	-	-	2850	-
S2	-	-	-	-	903,5	3650	-
S3	-	-	-	-	1124,5	3844	-
S4	-	-	-	-	1231,5	3903	-
S5	1366,5	88	235	550	1303	3919	4025

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S4	-	-	-	-	-	-	-	-	-	-	400	148	450	148	550	183
S5	-	-	-	-	-	-	-	-	-	-	400	148	450	148	-	-

PD/PDA 141

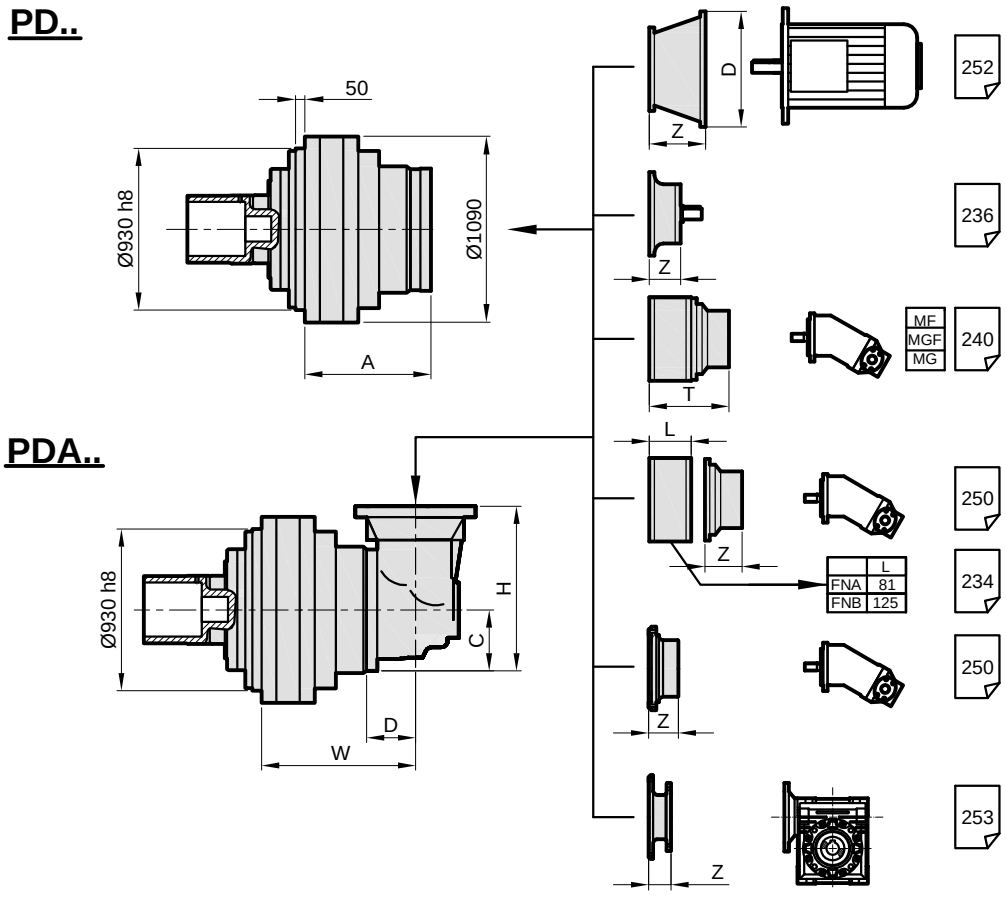


M_{max} = 814.5 kNm

Belirtilen maksimum tork sadece PDS tarafından verilen sıkma bileziği ile mümkündür.
The maximum torque indicated is valid only with shrink discs supplied by PDS.
Das dargestellte , maximale Drehmoment gilt nur mit von PDS.

PD..

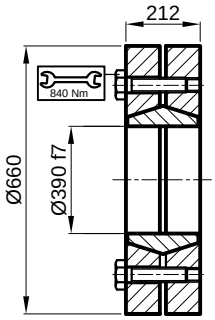
PDA..



Stage	W	D	C	H	A	PD SD	PDA SD
S1	-	-	-	-	-	2907	-
S2	-	-	-	-	903,5	3707	-
S3	-	-	-	-	1124,5	3901	-
S4	-	-	-	-	1231,5	3960	-
S5	1366,5	88	235	550	1303	3976	4082

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S4	-	-	-	-	-	-	-	-	-	-	400	148	450	148	550	183
S5	-	-	-	-	-	-	-	-	-	-	400	148	450	148	-	-

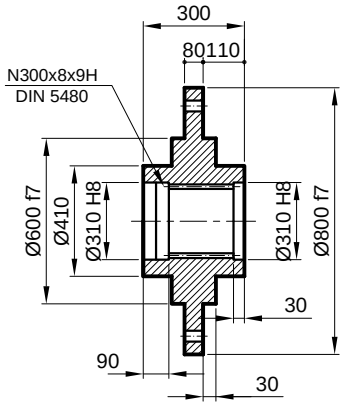
SB Sıkma Bileziği / Shrink disc
Schrumpfscheibe

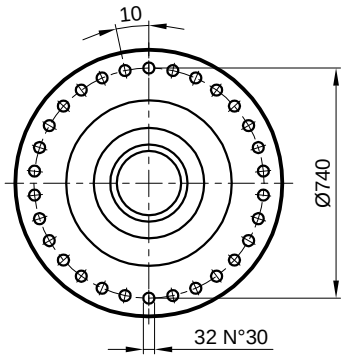


Maksimum tork
Max. torque
Max.Drehmoment
814,5 kNm

Kod / Code / Bestell
2501.139.001

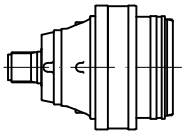
FL Flanş / *Flange* / Flansch



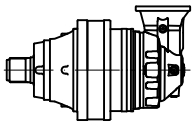


Kod / Code / Bestell
1505.139.200

PD 143

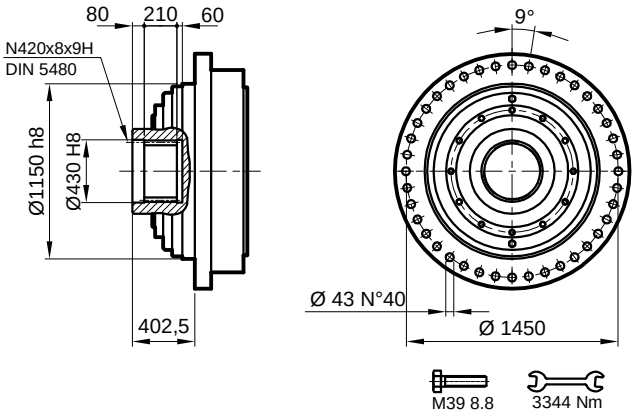
	i	T_2 [Nm]				n_{1max} [min^{-1}]	T_{2max} [Nm]	P_t [kW]
		$n_2$xh						
		10 000	20 000	50 000	100 000			
PD 143 S1	4,32	1347223	1172864	1056123	967096	750	1524723	278
PD 143 S2	14,81	1347223	1172864	1056123	948814	1300	1524723	187
	17,67	1347223	1172864	1056123	938104	1300	1524723	187
	22,68	1303050	1172864	1056123	910790	1300	1524723	187
	26,92	1008221	938380	901939	866913	1300	1219894	187
PD 143 S3	56,78	1347223	1172864	999152	811562	1600	1524723	140
	67,75	1347223	1172864	1056123	918366	1600	1524723	140
	77,76	1347223	1172864	1056123	902792	1600	1524723	140
	86,94	1303050	1172864	1056123	910790	1600	1524723	140
	99,79	1303050	1172864	1056123	910790	1600	1524723	140
	118,43	1008221	938380	901939	866913	1600	1219894	140
PD 143 S4	218,02	1347223	1104683	897280	728816	2100	1436088	111
	260,14	1347223	1172864	1015365	824731	2100	1524723	111
	298,60	1347223	1172864	1056123	902792	2100	1524723	111
	320,90	1347223	1172864	989934	804075	2100	1524723	111
	368,34	1347223	1172864	1056123	885543	2100	1524723	111
	411,82	1303050	1172864	1056123	910790	2100	1524723	111
	422,82	1347223	1172864	1056123	872839	2100	1524723	111
	502,45	1347223	1172864	1051752	854286	2100	1524723	111
	561,77	1303050	1172864	1056123	910790	2100	1524723	111
	644,81	1303050	1172864	1056123	910790	2100	1524723	111
	765,27	1008221	938380	901939	866913	2100	1219894	111
PD 143 S5	776,71	1012847	769415	624958	507622	2500	1000240	91
	926,76	1146141	870673	707205	574427	2500	1131875	91
	1063,76	1262267	958888	778858	632628	2500	1246554	91
	1189,34	1303050	1036794	842136	684026	2500	1347832	91
	1262,42	1347223	1080988	878033	713183	2500	1405284	91
	1365,16	1303050	1141840	927461	753330	2500	1484392	91
	1559,45	1347223	1172864	954993	775694	2500	1524723	91
	1789,98	1347223	1172864	1051752	854286	2500	1524723	91
	1963,67	1303050	1172864	1056123	858567	2500	1524723	91
	2297,14	1303050	1172864	1056123	910790	2500	1524723	91
	2562,49	1347223	1172864	1051752	854286	2500	1524723	91
	2865,01	1303050	1172864	1056123	910790	2500	1524723	91
	3159,96	1303050	1172864	1056123	910790	2500	1524723	91
	3445,37	1347223	1172864	1046026	849636	2500	1524723	91

PDA 143

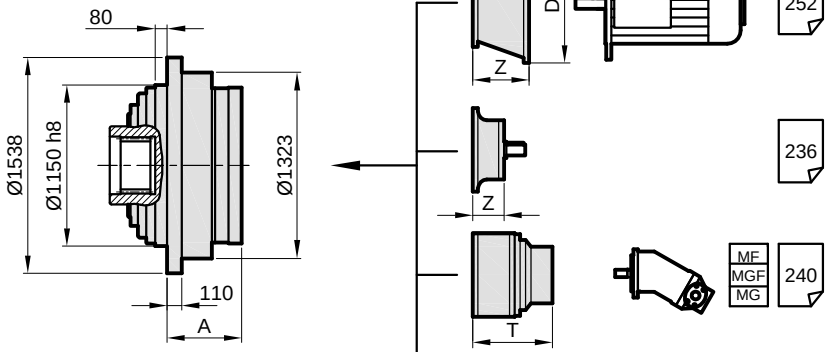
	i	T_2 [Nm] $n_2$xh				n_{1max} [min^{-1}]	T_{2max} [Nm]	P_t [kW]
		10 000	20 000	50 000	100 000			
PDA 143 S6	2385,61	1012847	769415	624958	507622	3500	1000240	57
	2942,78	1173151	891191	723870	587964	3500	1158548	57
	3267,25	1262267	958888	778858	632628	3500	1246554	57
	3652,97	1303050	1036794	842136	684026	3500	1347832	57
	4030,65	1347223	1110714	902178	732795	3500	1443928	57
	4626,48	1347223	1172864	993586	807041	3500	1524723	57
	5172,26	1303050	1172864	1056123	872561	3500	1524723	57
	5497,78	1347223	1172864	1051752	854286	3500	1524723	57
	6410,37	1347223	1172864	1051752	854286	3500	1524723	57
	7029,38	1347223	1172864	993586	807041	3500	1524723	57
	7870,51	1347223	1172864	1051752	854286	3500	1524723	57
	8987,09	1347223	1172864	1051752	854286	3500	1524723	57
	9739,79	1347223	1172864	1051752	854286	3500	1524723	57
	10582,20	1347223	1172864	1046026	849636	3500	1524723	57
	11958,29	1347223	1172864	1051752	854286	3500	1524723	57
	13654,80	1347223	1172864	1051752	854286	3500	1524723	57
	16078,38	1347223	1172864	1046026	849636	3500	1524723	57
	17523,65	1303050	1172864	1056123	910790	3500	1524723	57
	20633,92	1303050	1172864	1056123	910790	3500	1524723	57

PD/PDA 143

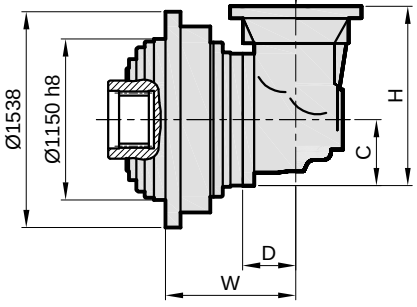
S

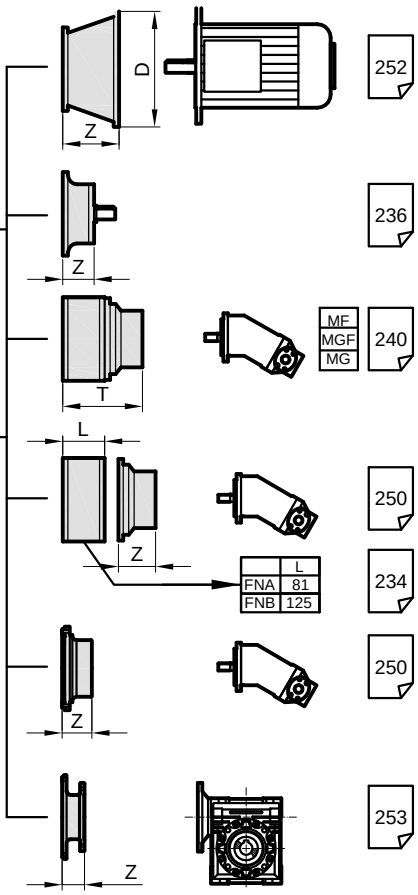


PD..



PDA..



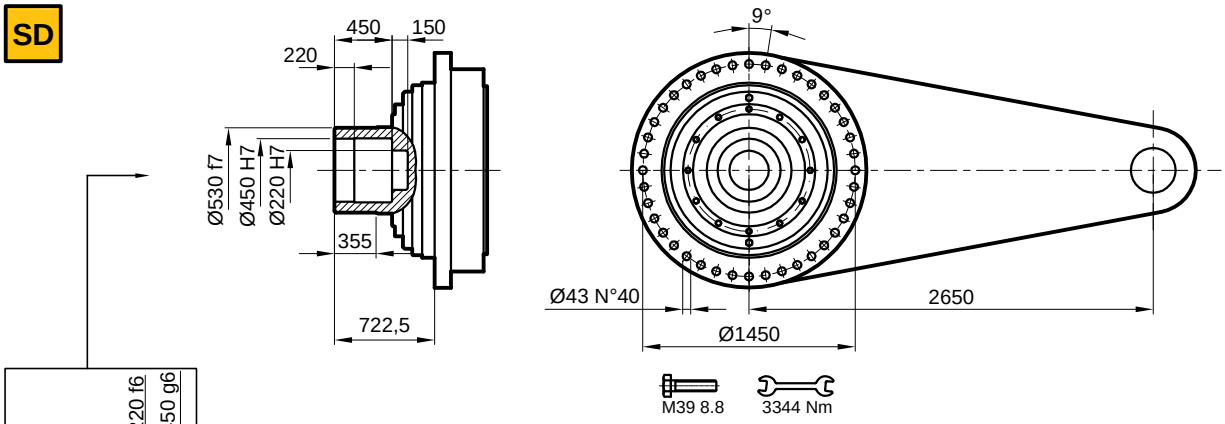


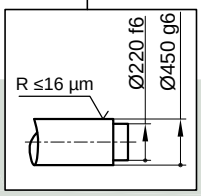
Stage	W	D	C	H	A	PD S	PDA S
S1	-	-	-	-	-	4152	-
S2	-	-	-	-	646,5	4992	-
S3	-	-	-	-	1026,5	5188	-
S4	-	-	-	-	1263,5	5247	-
S5	-	-	-	-	1374,5	5263	-
S6	1892,5	101	235	550	1694,5	5279	5660

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S4	-	-	-	-	-	-	-	-	-	-	400	148	450	148	550	183
S5	-	-	-	-	-	-	-	-	-	-	400	148	450	148	-	-

PD/PDA 143

SD

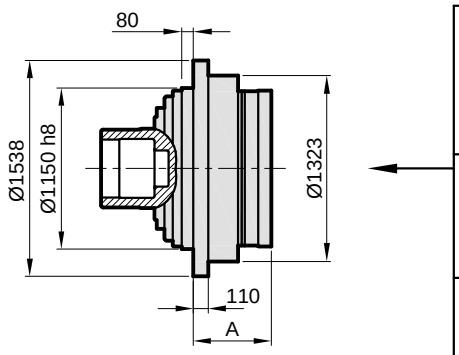




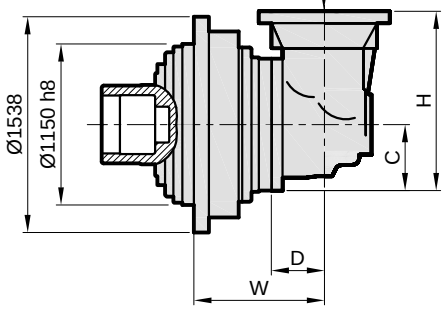
M_{max} = 689 kNm

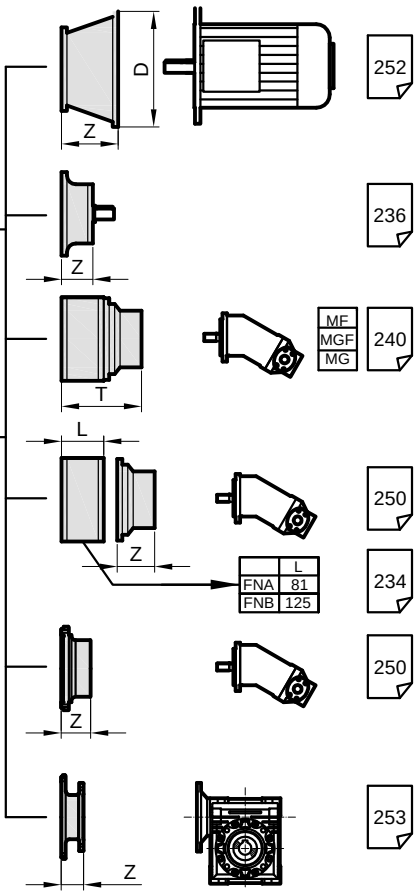
Belirtilen maksimum tork sadece PDS tarafından verilen sıkma bileziği ile mümkündür.
The maximum torque indicated is valid only with shrink discs supplied by PDS.
Das dargestellte , maximale Drehmoment gilt nur mit von PDS.

PD..



PDA..

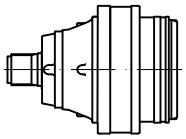




Stage	W	D	C	H	A	PD SD	PDA SD
S1	-	-	-	-	-	4232	-
S2	-	-	-	-	646,5	5072	-
S3	-	-	-	-	1026,5	5268	-
S4	-	-	-	-	1263,5	5327	-
S5	-	-	-	-	1374,5	5343	-
S6	1892,5	101	235	550	1694,5	5359	5740

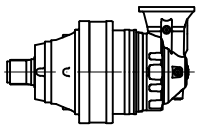
	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S4	-	-	-	-	-	-	-	-	-	-	400	148	450	148	550	183
S5	-	-	-	-	-	-	-	-	-	-	400	148	450	148	-	-

PD 145



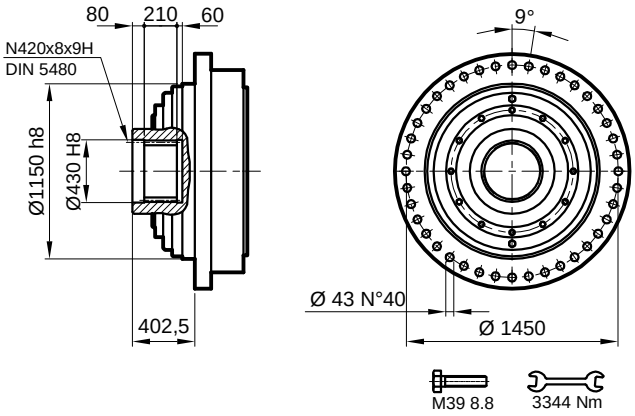
	i	T_2 [Nm] $n_2$xh				n_{1max} [min^{-1}]	T_{2max} [Nm]	P_t [kW]
		10 000	20 000	50 000	100 000			
PD 145 S1	4,32	1590867	1384976	1247122	1173336	750	1800468	278
PD 145 S2	14,81	1478117	1286818	1168130	948814	1300	1672863	187
	17,67	1590867	1384976	1154944	938104	1300	1800468	187
	22,68	1303050	1189316	1121316	910790	1300	1546110	187
	26,92	1008221	938380	901939	866913	1300	1219894	187
PD 145 S3	56,78	1478117	1230102	999152	811562	1600	1599132	140
	67,75	1590867	1384976	1130644	918366	1600	1800468	140
	77,76	1590867	1368382	1111469	902792	1600	1778896	140
	86,94	1303050	1189316	1121316	910790	1600	1546110	140
	99,79	1303050	1189316	1121316	910790	1600	1546110	140
	118,43	1008221	938380	901939	866913	1600	1219894	140
PD 145 S4	218,02	1454190	1104683	897280	728816	2100	1436088	111
	260,14	1590867	1250064	1015365	824731	2100	1625083	111
	298,60	1590867	1368382	1111469	902792	2100	1778896	111
	320,90	1590867	1218754	989934	804075	2100	1584380	111
	368,34	1590867	1342237	1090233	885543	2100	1744908	111
	411,82	1303050	1189316	1121316	910790	2100	1546110	111
	422,82	1590867	1322982	1074593	872839	2100	1719876	111
	502,45	1590867	1294861	1051752	854286	2100	1683320	111
	561,77	1303050	1189316	1121316	910790	2100	1546110	111
	644,81	1303050	1189316	1121316	910790	2100	1546110	111
	765,27	1008221	938380	901939	866913	2100	1219894	111
PD 145 S5	776,71	1012847	769415	624958	507622	2500	1000240	91
	926,76	1146141	870673	707205	574427	2500	1131875	91
	1063,76	1262267	958888	778858	632628	2500	1246554	91
	1189,34	1303050	1036794	842136	684026	2500	1347832	91
	1262,42	1422997	1080988	878033	713183	2500	1405284	91
	1365,16	1303050	1141840	927461	753330	2500	1484392	91
	1559,45	1419223	1175737	954993	775694	2500	1528458	91
	1789,98	1590867	1294861	1051752	854286	2500	1683320	91
	1963,67	1303050	1189316	1057022	858567	2500	1546110	91
	2297,14	1303050	1189316	1121316	910790	2500	1546110	91
	2562,49	1590867	1294861	1051752	854286	2500	1683320	91
	2865,01	1303050	1189316	1121316	910790	2500	1546110	91
	3159,96	1303050	1189316	1121316	910790	2500	1546110	91
	3445,37	1590867	1287812	1046026	849636	2500	1674155	91

PDA 145

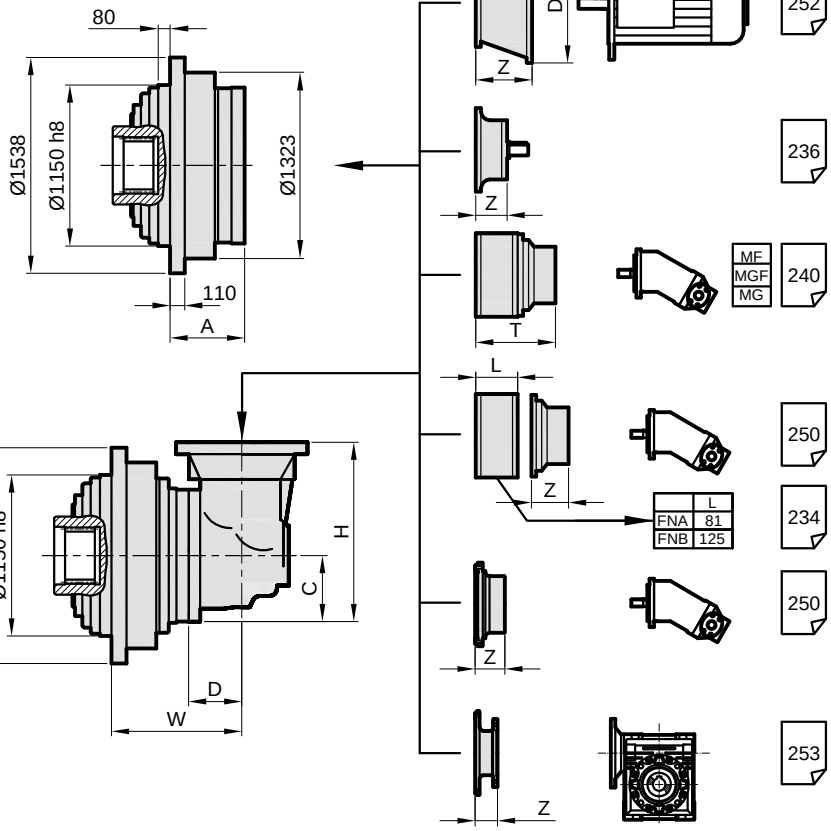
	i	T_2 [Nm] $n_2$xh				n_{1max} [min^{-1}]	T_{2max} [Nm]	P_t [kW]
		10 000	20 000	50 000	100 000			
PDA 145 S6	2385,61	1012847	769415	624958	507622	3500	1000240	57
	2942,78	1173151	891191	723870	587964	3500	1158548	57
	3267,25	1262267	958888	778858	632628	3500	1246554	57
	3652,97	1303050	1036794	842136	684026	3500	1347832	57
	4030,65	1462128	1110714	902178	732795	3500	1443928	57
	4626,48	1590867	1223250	993586	807041	3500	1590225	57
	5172,26	1303050	1189316	1074250	872561	3500	1546110	57
	5497,78	1590867	1294861	1051752	854286	3500	1683319	57
	6410,37	1590867	1294861	1051752	854286	3500	1683319	57
	7029,38	1590867	1223250	993586	807041	3500	1590225	57
	7870,51	1590867	1294861	1051752	854286	3500	1683319	57
	8987,09	1590867	1294861	1051752	854286	3500	1683319	57
	9739,79	1590867	1294861	1051752	854286	3500	1683319	57
	10582,20	1590867	1287812	1046026	849636	3500	1674155	57
	11958,29	1590867	1294861	1051752	854286	3500	1683319	57
	13654,80	1590867	1294861	1051752	854286	3500	1683319	57
	16078,38	1590867	1287812	1046026	849636	3500	1674155	57
	17523,65	1303050	1189316	1121316	910790	3500	1546110	57
	20633,92	1303050	1189316	1121316	910790	3500	1546110	57

PD/PDA 145

S



PD..



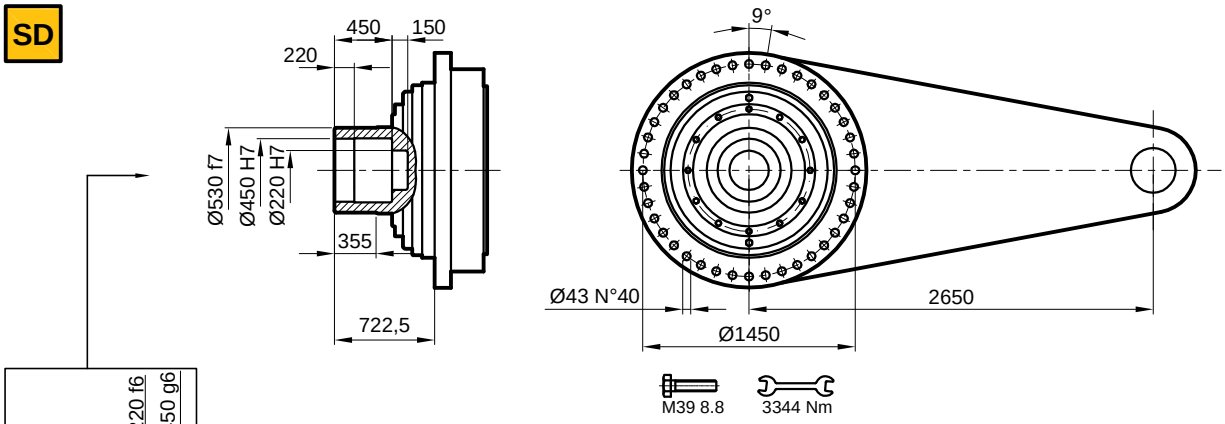
PDA..

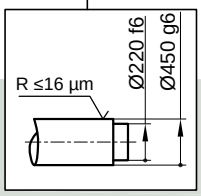
Stage	W	D	C	H	A	PD S	PDA S
S1	-	-	-	-	-	4152	-
S2	-	-	-	-	646,5	4992	-
S3	-	-	-	-	1026,5	5188	-
S4	-	-	-	-	1263,5	5247	-
S5	-	-	-	-	1374,5	5263	-
S6	1892,5	101	235	550	1694,5	5279	5660

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S4	-	-	-	-	-	-	-	-	-	-	400	148	450	148	550	183
S5	-	-	-	-	-	-	-	-	-	-	400	148	450	148	-	-

PD/PDA 145

SD



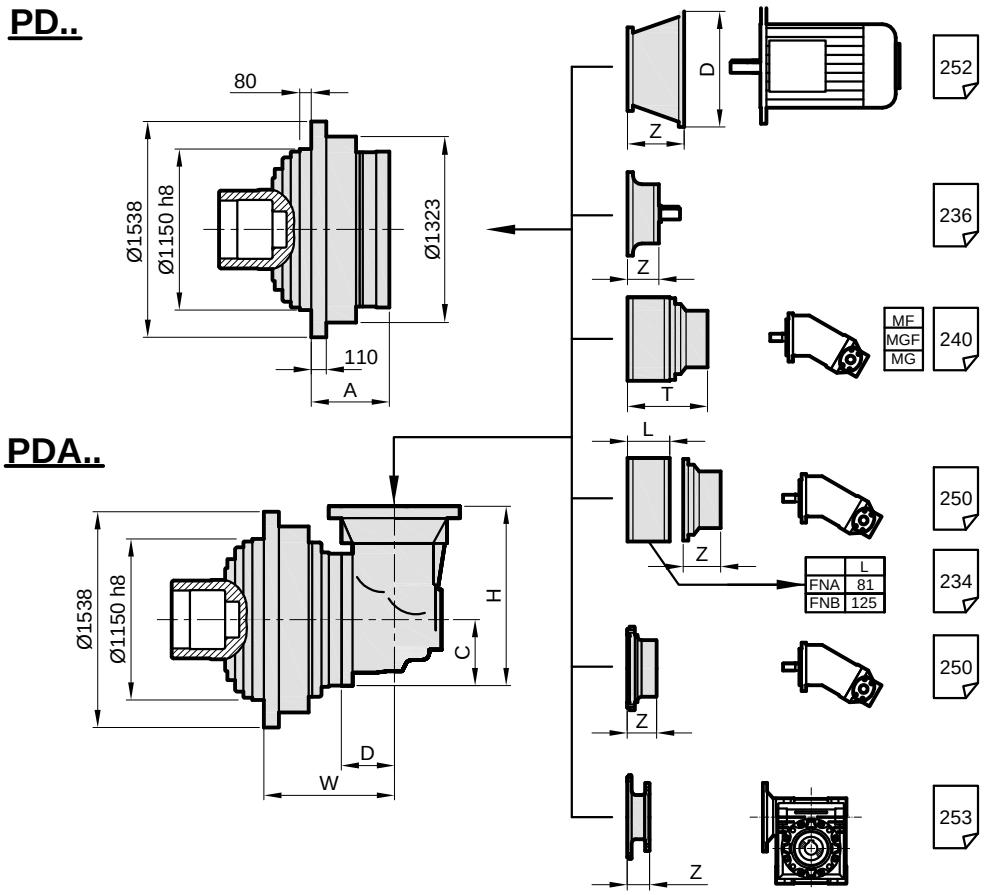


M_{max} = 689 kNm

Belirtilen maksimum tork sadece PDS tarafından verilen sıkma bileziği ile mümkündür.
The maximum torque indicated is valid only with shrink discs supplied by PDS.
Das dargestellte , maximale Drehmoment gilt nur mit von PDS.

PD..

PDA..



Stage	W	D	C	H	A	PD SD	PDA SD
S1	-	-	-	-	-	4232	-
S2	-	-	-	-	646,5	5072	-
S3	-	-	-	-	1026,5	5268	-
S4	-	-	-	-	1263,5	5327	-
S5	-	-	-	-	1374,5	5343	-
S6	1892,5	101	235	550	1694,5	5359	5740

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S4	-	-	-	-	-	-	-	-	-	-	400	148	450	148	550	183
S5	-	-	-	-	-	-	-	-	-	-	400	148	450	148	-	-