SIEMENS
Ingenuity for life

The Perfect Fit

SINAMICS PERFECT HARMONY GH180 Air-Cooled Drive

https://www.robiconperfectharmony.com/

When reliability is all you have room for.

When it comes to improving throughput, increasing efficiency and standardizing solutions, operating conditions will never be perfect – but at least your drives can be. Whether square footage is at a premium or downtime is not an option, reliability is something you can't stand to spare. Siemens developed a drive to fit virtually anywhere – perfectly.

A highly efficient solution for low power applications

The SINAMICS PERFECT HARMONY GH180 air-cooled drive delivers optimal power and protection.

Siemens power cell design allows for less maintenance and greater availability. And when combined with up to 90% savings on cable costs, the result is a significantly lower total cost of ownership over the drive's lifecycle. No other drive offers the savings and reliability that the SINAMICS PERFECT HARMONY GH180 does, making it the ideal solution for low power applications — especially those requiring cable lengths over 200 feet. Now you can retrofit your medium-voltage soft starter systems to achieve improved efficiency and process control.

SINAMICS PERFECT HARMONY GH180 is:

- **Highly Reliable**
  Provides fault tolerance via Advanced Cell Bypass
- **Energy-Efficient**
  Increases process control to improve throughput and reduce energy waste
- **Line-Friendly**
  Achieves a near-unity power factor by eliminating harmonic voltage and current distortion
- **Motor-Friendly**
  Eliminates harmonic heating and insulation stress
- **Load-Friendly**
  Eliminates significant torque pulsations
- **Process-Focused**
  Prevents system shutdown by proactively warning the operator of any issues

A drive that's sized for what's essential.

Compact Footprint
Upgrade your drive without giving up critical space. The SINAMICS PERFECT HARMONY GH180 drive fits easily into retrofits and other applications where space is at a premium.

Fast & Simple Commissioning
The SINAMICS PERFECT HARMONY GH180 drive offers a simplified system, with enhanced serviceability and reduced commissioning. In some instances commissioning time is as little as 1-2 days!

Low Voltage Compatibility
The SINAMICS PERFECT HARMONY GH180 drive supports 480V or 600V input voltages up to 1500 HP – making this drive ideal for new or retrofit applications.

Common Design
The SINAMICS PERFECT HARMONY drive family offers a consistent design with common spares, which can allow for a reduction in parts inventory.

Significant Savings
With the SINAMICS PERFECT HARMONY GH180 drive, you will realize tremendous savings on cables and conduit. Savings on installation and lifetime operating costs will also be realized, thanks to infrequent maintenance needs.

Ease of Use
The SINAMICS PERFECT HARMONY drive features enhancements including the Siemens SIMATICS HMI, low weight power cells, front access front access blowers with a common service lifter for cell and blower removal. In addition, new louver design to provide users with unparalleled ease of use.

Energy Efficiency
SINAMICS PERFECT HARMONY drives offer up to 96.5% energy efficiency through the speed range.

Compatible with Any Motor Type
SINAMICS PERFECT HARMONY GH180 drives are compatible with any motor type including induction, synchronous, permanent magnet, and round rotor motors.

The Perfect Solution for Imperfect Conditions

As the demand for power and raw materials continues to grow, U.S. manufacturers are faced with an increasing number of operational challenges. For some, it's the remote location of their plants; others have harsh environments to consider. But although operating conditions are never perfect, your process has to be — because in today's competitive market, downtime is not an option. That's why there's SINAMICS PERFECT HARMONY.

Every element of the new SINAMICS PERFECT HARMONY GH180 drive is engineered to maximize productivity and protect your process in a way that other drives can't. Designed in compact air-cooled configurations, the next generation SINAMICS PERFECT HARMONY drives deliver superior versatility, efficiency and process availability for the most demanding applications.

And because reliability is a paramount concern for today's manufacturers, Siemens equipped the SINAMICS PERFECT HARMONY drive with 50+ patented technologies proven to increase the dependability of critical processes. The drive's modularity provides a scalable solution that achieves near-100 percent reliability and 99.99 percent availability, resulting in a significantly reduced total cost of ownership over the drive's lifecycle. A series cell configuration even allows the drive to withstand failures that would overwhelm conventional drives and shut down the plant process.

Unparalleled benefits:

- Impressive potential 3 year pay back on fan and pump applications
- Up to 4% improved efficiency on low power applications when compared to high-low-high solutions
- Incredible flexibility to suit virtually any application
- Fast lead time to meet even the most demanding schedules
- Optimized at low horsepower ratings

Superior reliability and enhanced performance

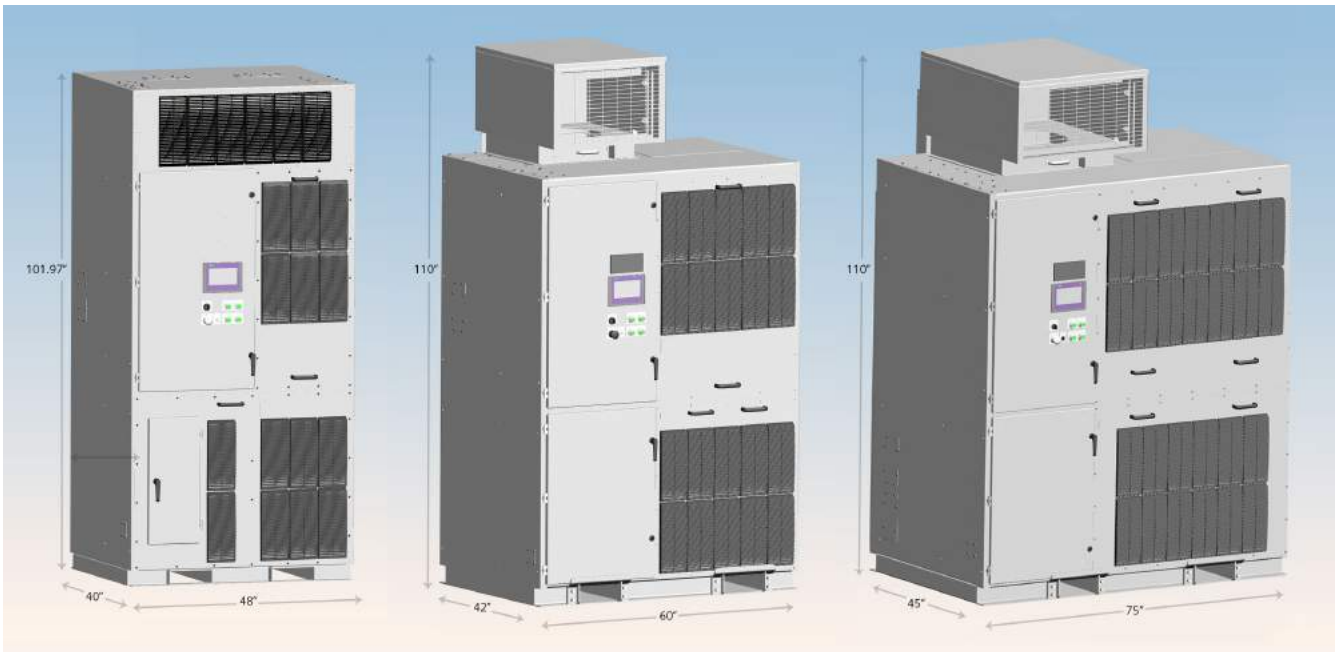
Advanced Cell Bypass
In less than a quarter of a second, the SINAMICS PERFECT HARMONY GH180 drive can bypass multiple failed cells to maintain a balanced output voltage. With one cell in bypass, the drive still produces sufficient voltage to allow the process to continue uninterrupted, and the quality of the voltage and waveform remain virtually unchanged.

Clean Power Input
SINAMICS PERFECT HARMONY drives meet the most stringent IEEE 519-2014 requirements for voltage and current harmonic distortion. An integrated sinusoidal converter not only eliminates the need for harmonic filters, power factor correction capacitors or extra bus capacity, but also protects other online equipment from harmonic disturbances.

High-Quality Output
No drive offers a higher-quality waveform output than SINAMICS PERFECT HARMONY. With 13 levels of non-harmonic output voltage, it accommodates any standard motor without requiring additional output or dv / dt filters — which can reduce efficiency and reliability — and it provides the lowest peak voltage to the motor windings to help extend motor life.

Environmental Tolerance
Only SINAMICS PERFECT HARMONY drives are engineered to operate reliably in environments with ambient temperatures ranging from -40° C to +50° C. No other drive can tolerate such a broad range of extreme conditions. An optional PDC allows the drive to withstand even the harshest outdoor conditions, from tropical environments to frozen tundras.

SINAMICS PERFECT HARMONY GH180 Air-Cooled Drive



Technical data at a glance

Efficiency
- Typical power converter: 99%
- Typical total drive system: 96.5%

Input Transformer
- Aluminum or copper windings, forced-air cooling

Line Supply Connection
- Input voltage and voltage tolerance:
  480V–7.2 kV, ±10%
  8.4kV–13.8kV, ±10%[2]
- Input frequency:
  50 or 60 Hz, ±5%
- Input power factor:
  ≥ 0.95 above 10% load

Motor-Side Inverter
- Multilevel drive PWM topology
- IGBT power modules

Motor Control
- Induction motors
- Synchronous motors
- Permanent magnet motors
- Wound rotor motors

Motor Insulation Requirement
- All standard motor insulations with no filters

Output Torque
- Rated torque (2Q) available from 10–167 Hz

Control
- Vector control

Input Current Harmonics
- ≤ 5% TDD
  (total demand distortion)
- Meets or exceeds
  IEEE-519-2014

Ride-Through
- Minimum of five cycles after loss of input medium voltage without tripping

Output Frequency and Drift
- 0.5–330 Hz, ±0.5%

Output Voltage Harmonics (THDi)
- 2.0%–2.5%

Enclosure
- NEMA 1; IP42 standard

Get more out of your SINAMICS drives with Digitalization

SINAMICS drives are an integral component of SIDRIVE IQ, the digital platform to optimize drive systems. SINAMICS drives are equipped with a connectivity box (SINAMICS CONNECT 500) so that they can be integrated into this digital, cloud-based solution.

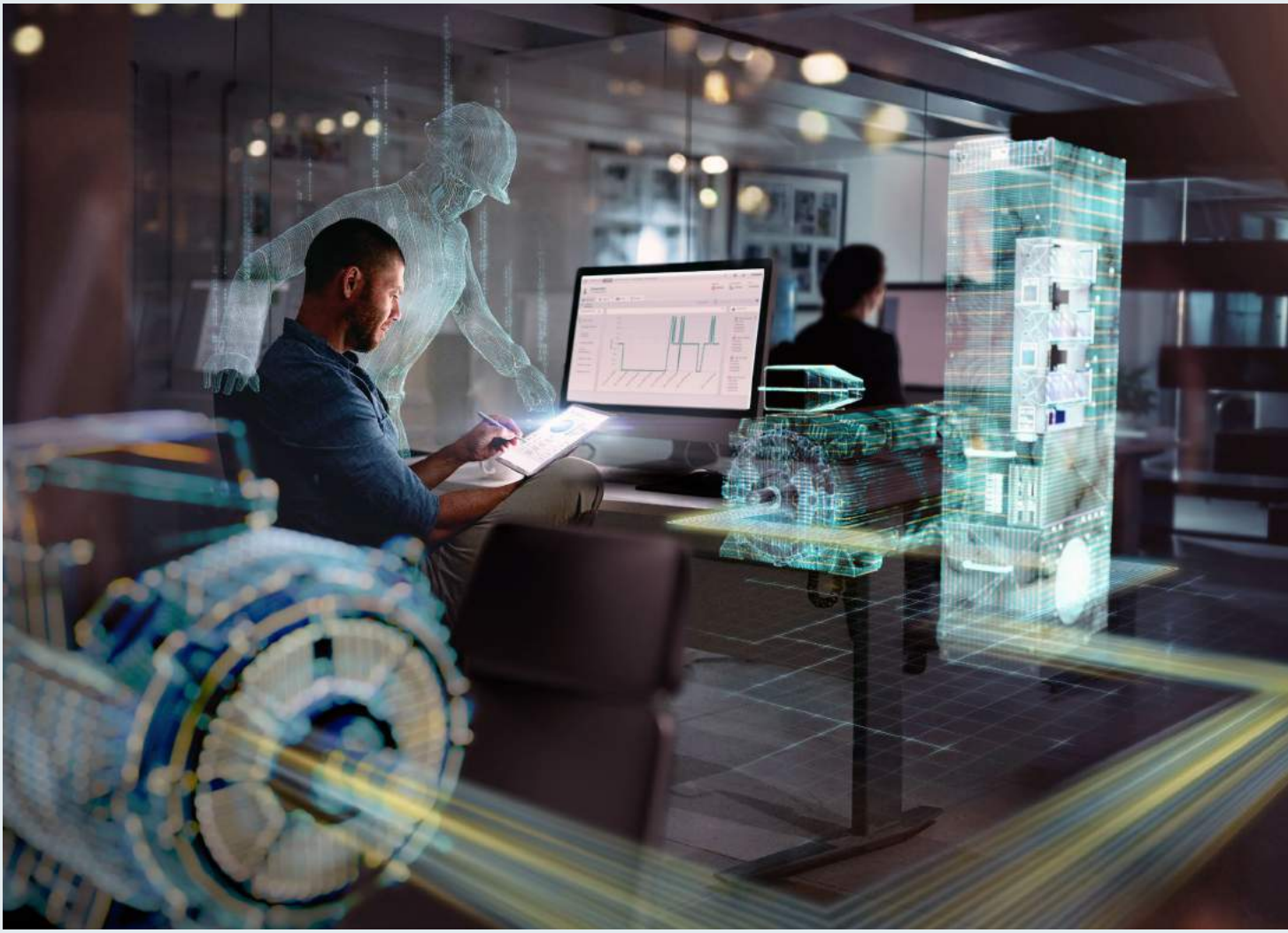
Condition data such as drive information, historic log, parameter and fault logs are evaluated, processed and sent to the cloud for analysis.

After uploading, they can be analyzed with our brand-new MindApp SIDRIVE IQ. With this App you can track and analyze all conditions of your drives. There you can see trends, error messages and reports. The goal of SIDRIVE IQ is to:

- Increase reliability
- Boost productivity and
- Improve your services

SIDRIVE IQ – the digital assistant for your drive system

www.siemens.com/sidrive-iq



** 8.4kV to 13.8kV requires additional 24" cabinet

9 Cell

Cell Current		Shaft Output[1]		Height[2]		Width[2]		Depth[2]		
A	No. of Cells	kW	Hp	in.	mm	in.	mm	in.	mm	Order Number (MLFB)[3]
Selection data for motor voltage 2.3/2.4 kV										
40	9	112	150	102	2590	48	1219	40	1016	6SR5202-6_A31-5__0
40	9	138	184	102	2590	48	1219	40	1016	6SR5202-6_A32-0__0
70	9	149	200	102	2590	48	1219	40	1016	6SR5202-6_B32-0__0
70	9	241	323	102	2590	48	1219	40	1016	6SR5202-6_B34-0__0
100	9	298	400	110	2794	60	1524	42	1067	6SR5202-0_C34-0__0
140	9	373	500	110	2794	60	1524	42	1067	6SR5202-0_D35-0__0
140	9	448	600	110	2794	60	1524	42	1067	6SR5202-0_D36-0__0
200	9	522	700	110	2794	75	1905	45	1143	6SR5202-0_E37-0__0
200	9	671	900	110	2794	75	1905	45	1143	6SR5202-0_E38-7__0
260	9	746	1000	110	2794	75	1905	45	1143	6SR5202-0_F41-0__0
260	9	917	1229	110	2794	75	1905	45	1143	6SR5202-0_F41-2__0
340	9	933	1250	116	2936	134	3400	47.2	1200	6SR5202-0_G41-2__0
430	9	1492	2000	116	2936	134	3400	47.2	1200	6SR5202-0_H42-0__0
Selection data for motor voltage 3.3 kV										
40	9	112	150	102	2590	48	1219	40	1016	6SR5202-0_A31-5__0
40	9	189	254	102	2590	48	1219	40	1016	6SR5202-0_A35-0__0
70	9	224	300	102	2590	48	1219	40	1016	6SR5202-0_B33-0__0
70	9	331	444	102	2590	48	1219	40	1016	6SR5202-0_B35-0__0
100	9	373	500	110	2794	60	1524	42	1067	6SR5202-0_C35-0__0
100	9	448	600	110	2794	60	1524	42	1067	6SR5202-0_C36-0__0
140	9	522	700	110	2794	60	1524	42	1067	6SR5202-0_D37-0__0
140	9	662	887	110	2794	60	1524	42	1067	6SR5202-0_D38-7__0
200	9	746	1000	110	2794	75	1905	45	1143	6SR5202-0_E41-0__0
200	9	933	1250	110	2794	75	1905	45	1143	6SR5202-0_E41-2__0
260	9	1119	1500	110	2794	75	1905	45	1143	6SR5202-0_F41-5__0
260	9	1261	1690	110	2794	75	1905	45	1143	6SR5202-0_F41-7__0
340	9	1306	1750	116	2936	134	3400	47.2	1200	6SR5202-0_G41-7__0
430	9	2238	3000	116	2936	134	3400	47.2	1200	6SR5202-0_H43-0__0
Selection data for motor voltage 4.0kV										
40	9	112	150	102	2590	48	1219	40	1016	6SR5202-0_A31-5__0
40	9	224	300	102	2590	48	1219	40	1016	6SR5202-0_A33-0__0
70	9	298	400	102	2590	48	1219	40	1016	6SR5202-0_B34-0__0
70	9	401	538	102	2590	48	1219	40	1016	6SR5202-0_B36-0__0
100	9	448	600	110	2794	60	1524	42	1067	6SR5202-0_C36-0__0
100	9	522	700	110	2794	60	1524	42	1067	6SR5202-0_C37-0__0
140	9	597	800	110	2794	60	1524	42	1067	6SR5202-0_D38-0__0
140	9	746	1000	110	2794	60	1524	42	1067	6SR5202-0_D41-0__0
200	9	933	1250	110	2794	75	1905	45	1143	6SR5202-0_E41-2__0
200	9	1119	1500	110	2794	75	1905	45	1143	6SR5202-0_E41-5__0
260	9	1306	1750[4]	TBD	TBD	TBD	TBD	TBD	TBD	6SR5202-0_F41-7__0
260	9	1492	2000[4]	TBD	TBD	TBD	TBD	TBD	TBD	6SR5202-0_F42-0__0
340	9	1679	2250	116	2936	134	3400	47.2	1200	6SR5202-0_G42-2__0
430	9	2611	3500	116	2936	134	3400	47.2	1200	6SR5202-0_H43-5__0
Selection data for motor voltage 4.16 kV										
40	9	112	150	102	2590	48	1219	40	1016	6SR5202-0_A31-5__0
40	9	224	300	102	2590	48	1219	40	1016	6SR5202-0_A33-0__0
70	9	298	400	102	2590	48	1219	40	1016	6SR5202-0_B34-0__0
70	9	417	559	102	2590	48	1219	40	1016	6SR5202-0_B36-0__0
100	9	448	600	110	2794	60	1524	42	1067	6SR5202-0_C36-0__0
100	9	597	800	110	2794	60	1524	42	1067	6SR5202-0_C38-0__0
140	9	671	900	110	2794	60	1524	42	1067	6SR5202-0_D38-7__0
140	9	746	1000	110	2794	60	1524	42	1067	6SR5202-0_D41-0__0

200	9	933	1250	110	2794	75	1905	45	1143	6SR5202-0_E41-2__0
200	9	1119	1500	110	2794	75	1905	45	1143	6SR5202-0_E41-5__0
260	9	1306	1750[4]	TBD	TBD	TBD	TBD	TBD	TBD	6SR5202-0_F41-7__0
260	9	1492	2000[4]	TBD	TBD	TBD	TBD	TBD	TBD	6SR5202-0_F42-0__0
340	9	1679	2250	116	2936	134	3400	47.2	1200	6SR5202-0_G42-2__0
430	9	2611	3500	116	2936	134	3400	47.2	1200	6SR5202-0_H43-5__0

[1] Typical output value provided; output power may change based on the type or size of motor.
[2] Reflects typical output power; motor type or size may affect actual output power. 8.4kV to 13.8kV requires additional 24" cabinet.
[3] Brackets denote additional digits to be determined based on order detail.
[4] Contact Siemens engineering for more information if the input voltage is greater than 7.2kV.

12 Cell

Cell Current	No. of Cells	Shaft Output[1]		Height[2]		Width[2]		Depth[2]		
A		kW	Hp	in.	mm	in.	mm	in.	mm	Order Number (MLFB)[3]
Selection data for motor voltage 4.6/4.8 kV										
40	12	223.8	300	115	2928	114	2900	44	1130	6SR5202-1_A33-0__0
70	12	298.4	400	115	2928	114	2900	44	1130	6SR5202-1_B34-0__0
70	12	447.6	600	115	2928	114	2900	44	1130	6SR5202-1_B36-0__0
100	12	522.2	700	115	2928	114	2900	44	1130	6SR5202-1_C37-0__0
100	12	671.4	900	115	2928	114	2900	44	1130	6SR5202-1_C38-7__0
140	12	746	1000	115	2928	114	2900	44	1130	6SR5202-1_D41-0__0
140	12	932.5	1250	115	2928	114	2900	44	1130	6SR5202-1_D41-2__0
200	12	1119	1500	116	2936	134	3400	50	1274	6SR5202-1_E41-5__0
200	12	1305.5	1750	116	2936	134	3400	50	1274	6SR5202-1_E41-7__0
260	12	1492	2000	116	2936	134	3400	50	1274	6SR5202-1_F42-0__0
260	12	1678.5	2250	116	2936	134	3400	50	1274	6SR5202-1_F42-2__0
340	12	1305.5	1750	116	2936	134	3400	50	1274	6SR5202-1_G41-7__0
340	12	1492	2000	116	2936	134	3400	50	1274	6SR5202-1_G42-0__0
340	12	1865	2500	116	2936	134	3400	50	1274	6SR5202-1_G42-5__0
340	12	2238	3000	116	2936	134	3400	50	1274	6SR5202-1_G43-0__0
430	12	2611	3500	116	2936	134	3400	50	1274	6SR5202-1_H43-5__0
430	12	2984	4000	116	2936	134	3400	50	1274	6SR5202-1_H44-0__0**

15 Cell

Cell Current		Shaft Output[1]		Height[2]		Width[2]		Depth[2]		
A	No. of Cells	kW	Hp	in.	mm	in.	mm	in.	mm	Order Number (MLFB)[3]
Selection data for motor voltage 6.0 kV										
40	15	223.8	300	300	115	2928	114	2900	1130	6SR5202-2_A33-0__0
40	15	298.4	400	300	115	2928	114	2900	1130	6SR5202-2_A34-0__0
70	15	373	500	300	115	2928	114	2900	1130	6SR5202-2_B35-0__0
70	15	450	600	300	115	2928	114	2900	1130	6SR5202-2_B36-0__0
70	15	522.2	700	300	115	2928	114	2900	1130	6SR5202-2_B37-0__0
70	15	600	800	300	115	2928	114	2900	1130	6SR5202-2_B38-0__0
100	15	671.4	900	300	115	2928	114	2900	1130	6SR5202-2_C38-7__0
100	15	746	1000	300	115	2928	114	2900	1130	6SR5202-2_C41-0__0
140	15	932.5	1250	300	115	2928	114	2900	1130	6SR5202-2_D41-2__0
140	15	1120	1500	300	115	2928	114	2900	1130	6SR5202-2_D41-5__0
200	15	1305.5	1750	116	2936	134	3400	50	1274	6SR5202-2_E41-7__0
200	15	1492	2000	116	2936	134	3400	50	1274	6SR5202-2_E42-0__0
200	15	1678.5	2250	116	2936	134	3400	50	1274	6SR5202-2_E42-2__0
260	15	1865	2500	116	2936	134	3400	50	1274	6SR5202-2_F42-5__0
260	15	2051.5	2750	116	2936	134	3400	50	1274	6SR5202-2_F42-7__0
260	15	2240	3000	116	2936	134	3400	50	1274	6SR5202-2_F43-0__0
340	15	1492	2000	115	2916	219	5550	49	1250	6SR5502-2_G42-0__0
340	15	1678.5	2250	115	2916	219	5550	49	1250	6SR5502-2_G42-2__0
340	15	1865	2500	115	2916	219	5550	49	1250	6SR5502-2_G42-5__0
340	15	2051.5	2750	115	2916	219	5550	49	1250	6SR5502-2_G42-7__0
340	15	2238	3000	115	2916	219	5550	49	1250	6SR5502-2_G43-0__0

340	15	2424.5	3250	115	2916	219	5550	49	1250	6SR5502-2_G43-2__0
340	15	2611	3500	115	2916	219	5550	49	1250	6SR5502-2_G43-5__0
340	15	2797.5	3750	115	2916	219	5550	49	1250	6SR5502-2_G43-7__0
430	15	2984	4000	115	2916	219	5550	49	1250	6SR5502-2_H44-0__0
430	15	3170.5	4250	115	2916	219	5550	49	1250	6SR5502-2_H44-2__0
430	15	3357	4500	115	2916	219	5550	49	1250	6SR5502-2_H44-5__0
430	15	3543.5	4750	115	2916	219	5550	49	1250	6SR5502-2_H44-7__0
430	15	3730	5000	115	2916	219	5550	49	1250	6SR5502-2_H45-0__0
430	15	3916.5	5250	115	2916	219	5550	49	1250	6SR5502-2_H45-2__0
430	15	4103	5500	115	2916	219	5550	49	1250	6SR5502-2_H45-5__0[2]

[2] 5500 KVA allowed for de-rate purposes

Selection data for motor voltage 6.6 kV										
40	15	223.8	300	115	2928	114	2900	44	1130	6SR5202-2_A33-0__0
40	15	298.4	400	115	2928	114	2900	44	1130	6SR5202-2_A34-0__0
40	15	373	500	115	2928	114	2900	44	1130	6SR5202-2_A35-0__0
70	15	450	600	115	2928	114	2900	44	1130	6SR5202-2_B36-0__0
70	15	522.2	700	115	2928	114	2900	44	1130	6SR5202-2_B37-0__0
70	15	600	800	115	2928	114	2900	44	1130	6SR5202-2_B38-0__0
70	15	671.4	900	115	2928	114	2900	44	1130	6SR5202-2_B38-7__0
100	15	746	1000	115	2928	114	2900	44	1130	6SR5202-2_C41-0__0
100	15	932.5	1250	115	2928	114	2900	44	1130	6SR5202-2_C41-2__0
140	15	1120	1500	115	2928	114	2900	44	1130	6SR5202-2_D41-5__0
140	15	1305.5	1750	115	2928	114	2900	44	1130	6SR5202-2_D41-7__0
200	15	1492	2000	116	2936	134	3400	50	1274	6SR5202-2_E42-0__0
200	15	1678.5	2250	116	2936	134	3400	50	1274	6SR5202-2_E42-2__0
200	15	1865	2500	116	2936	134	3400	50	1274	6SR5202-2_E42-5__0
260	15	2051.5	2750	116	2936	134	3400	50	1274	6SR5202-2_F42-7__0
260	15	2240	3000	116	2936	134	3400	50	1274	6SR5202-2_F43-0__0
260	15	2460	3000	116	2936	134	3400	50	1274	6SR5202-2_F43-5__0
340	15	1678.5	2250	115	2916	219	5550	49	1250	6SR5502-2_G42-2__0
340	15	1865	2500	115	2916	219	5550	49	1250	6SR5502-2_G42-5__0
340	15	2051.5	2750	115	2916	219	5550	49	1250	6SR5502-2_G42-7__0
340	15	2238	3000	115	2916	219	5550	49	1250	6SR5502-2_G43-0__0
340	15	2424.5	3250	115	2916	219	5550	49	1250	6SR5502-2_G43-2__0
340	15	2611	3500	115	2916	219	5550	49	1250	6SR5502-2_G43-5__0
340	15	2797.5	3750	115	2916	219	5550	49	1250	6SR5502-2_G43-7__0
340	15	2984	4000	115	2916	219	5550	49	1250	6SR5502-2_G44-0__0
340	15	3170.5	4250	115	2916	219	5550	49	1250	6SR5502-2_G44-2__0
430	15	3357	4500	115	2916	219	5550	49	1250	6SR5502-2_H44-5__0
430	15	3543.5	4750	115	2916	219	5550	49	1250	6SR5502-2_H44-7__0
430	15	3730	5000	115	2916	219	5550	49	1250	6SR5502-2_H45-0__0
430	15	3916.5	5250	115	2916	219	5550	49	1250	6SR5502-2_H45-2__0
430	15	4103	5500	115	2916	219	5550	49	1250	6SR5502-2_H45-5__0
430	15	4476	6000	115	2916	219	5550	49	1250	6SR5502-2_H46-0__0[2]

[2] 6000 KVA allowed for de-rate purposes

Selection data for motor voltage 6.9 kV										
40	15	223.8	300	115	2928	114	2900	44	1130	6SR5202-2_A33-0__0
40	15	298.4	400	115	2928	114	2900	44	1130	6SR5202-2_A34-0__0
40	15	373	500	115	2928	114	2900	44	1130	6SR5202-2_A35-0__0
70	15	450	600	115	2928	114	2900	44	1130	6SR5202-2_B36-0__0
70	15	522.2	700	115	2928	114	2900	44	1130	6SR5202-2_B37-0__0
70	15	600	800	115	2928	114	2900	44	1130	6SR5202-2_B38-0__0
70	15	671.4	900	115	2928	114	2900	44	1130	6SR5202-2_B38-7__0
100	15	746	1000	115	2928	114	2900	44	1130	6SR5202-2_C41-0__0
100	15	932.5	1250	115	2928	114	2900	44	1130	6SR5202-2_C41-2__0
140	15	1120	1500	115	2928	114	2900	44	1130	6SR5202-2_D41-5__0

140	15	1305.5	1750	115	2928	114	2900	44	1130	6SR5202-2_D41-7__0
200	15	1492	2000	116	2936	134	3400	50	1274	6SR5202-2_E42-0__0
200	15	1678.5	2250	116	2936	134	3400	50	1274	6SR5202-2_E42-2__0
200	15	1865	2500	116	2936	134	3400	50	1274	6SR5202-2_E42-5__0
260	15	2051.5	2750	116	2936	134	3400	50	1274	6SR5202-2_F42-7__0
260	15	2240	3000	116	2936	134	3400	50	1274	6SR5202-2_F43-0__0
260	15	2460	3000	116	2936	134	3400	50	1274	6SR5202-2_F43-5__0
340	15	1678.5	2250	115	2916	219	5550	49	1250	6SR5502-2_G42-2__0
340	15	1865	2500	115	2916	219	5550	49	1250	6SR5502-2_G42-5__0
340	15	2051.5	2750	115	2916	219	5550	49	1250	6SR5502-2_G42-7__0
340	15	2238	3000	115	2916	219	5550	49	1250	6SR5502-2_G43-0__0
340	15	2424.5	3250	115	2916	219	5550	49	1250	6SR5502-2_G43-2__0
340	15	2611	3500	115	2916	219	5550	49	1250	6SR5502-2_G43-5__0
340	15	2797.5	3750	115	2916	219	5550	49	1250	6SR5502-2_G43-7__0
340	15	2984	4000	115	2916	219	5550	49	1250	6SR5502-2_G44-0__0
340	15	3170.5	4250	115	2916	219	5550	49	1250	6SR5502-2_G44-2__0
430	15	3357	4500	115	2916	219	5550	49	1250	6SR5502-2_H44-5__0
430	15	3543.5	4750	115	2916	219	5550	49	1250	6SR5502-2_H44-7__0
430	15	3730	5000	115	2916	219	5550	49	1250	6SR5502-2_H45-0__0
430	15	3916.5	5250	115	2916	219	5550	49	1250	6SR5502-2_H45-2__0
430	15	4103	5500	115	2916	219	5550	49	1250	6SR5502-2_H45-5__0
430	15	4476	6000	115	2916	219	5550	49	1250	6SR5502-2_H46-0__0[2]

[2] 6000 KVA allowed for de-rate purposes

21 Cell

Cell Current		Shaft Output[1]		Height[2]		Width[2]		Depth[2]		
A	No. of Cells	kW	Hp	in.	mm	in.	mm	in.	mm	Order Number (MLFB)[3]
Selection data for motor voltage 10.0 kV										
340	21	3730	5000	115	2916	267	6767	53	1350	6SR5502-4_G45-0__0
340	21	3916.5	5250	115	2916	267	6767	53	1350	6SR5502-4_G45-2__0
340	21	4103	5500	115	2916	267	6767	53	1350	6SR5502-4_G45-5__0
340	21	4289.5	5750	115	2916	267	6767	53	1350	6SR5502-4_G45-7__0
340	21	4476	6000	115	2916	267	6767	53	1350	6SR5502-4_G46-0__0
340	21	4849	6500	115	2916	267	6767	53	1350	6SR5502-4_G46-5__0
430	21	5222	7000	115	2916	267	6767	53	1350	6SR5502-4_H47-0__0
430	21	5595	7500	115	2916	267	6767	53	1350	6SR5502-4_H47-5__0
430	21	5968	8000	115	2916	267	6767	53	1350	6SR5502-4_H48-0__0

24 Cell

Cell Current		Shaft Output[1]		Height[2]		Width[2]		Depth[2]		
A	No. of Cells	kW	Hp	in.	mm	in.	mm	in.	mm	Order Number (MLFB)[3]
Selection data for motor voltage 11.0 kV										
340	24	3730	5000	115	2916	267	6767	53	1350	6SR5502-5_G45-0__0
340	24	3916.5	5250	115	2916	267	6767	53	1350	6SR5502-5_G45-2__0
340	24	4103	5500	115	2916	267	6767	53	1350	6SR5502-5_G45-5__0
340	24	4289.5	5750	115	2916	267	6767	53	1350	6SR5502-5_G45-7__0
340	24	4476	6000	115	2916	267	6767	53	1350	6SR5502-5_G46-0__0
340	24	4849	6500	115	2916	267	6767	53	1350	6SR5502-5_G46-5__0
340	24	5222	7000	115	2916	267	6767	53	1350	6SR5502-5_G47-0__0
430	24	5595	7500	115	2916	267	6767	53	1350	6SR5502-5_H47-5__0
430	24	5968	8000	115	2916	267	6767	53	1350	6SR5502-5_H48-0__0
430	24	6341	8500	115	2916	267	6767	53	1350	6SR5502-5_H48-5__0
430	24	6714	9000	115	2916	267	6767	53	1350	6SR5502-5_H48-7__0

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