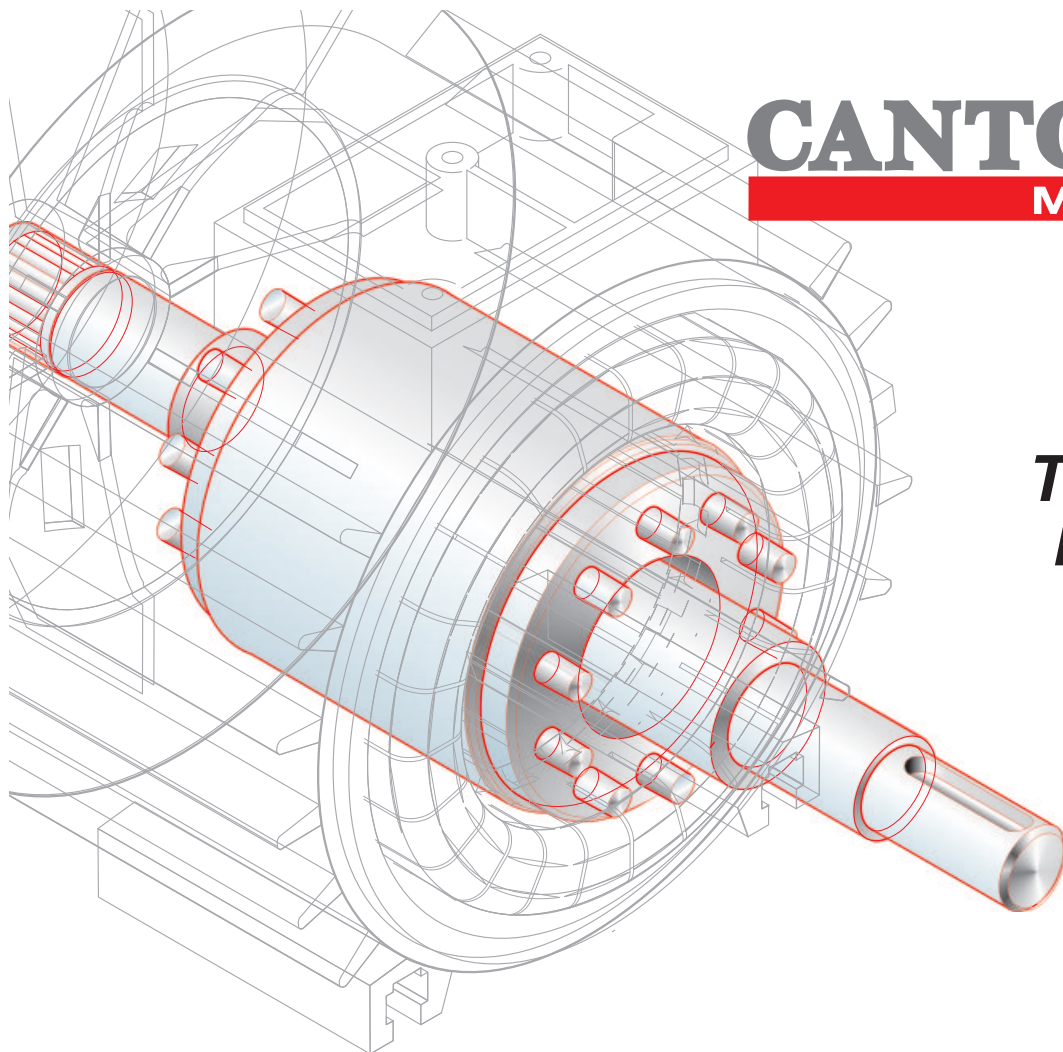


**CANTONI**  
**MOTOR**



***Three-Phase  
Motors with  
Increased  
Rated  
Output***



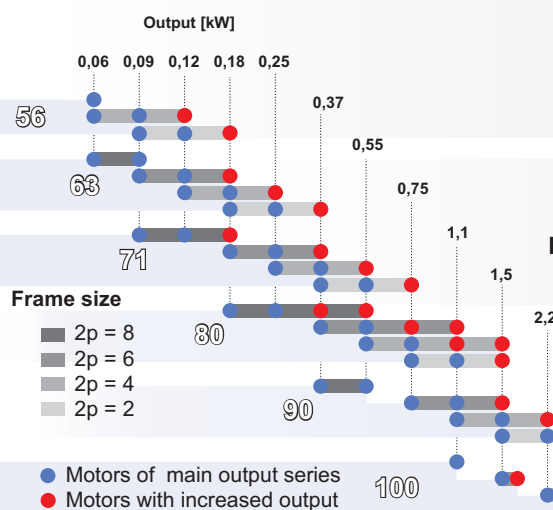
***Product Catalogue***

## Three-Phase Motors with Increased Rated Output

The catalogue covers industrial squirrel cage motors for general purpose.

The outputs of these motors - for appropriate frame sizes are higher than defined in European Standard EN 50347 although the mounting dimensions remain unchanged.

**Our motors are designed for long life and reliable operation in severe industrial applications.**



Three-phase motors with increased output (frame sizes up to 315) called also progressive motors are the extension of the main output series described in the Cantoni "General Purpose 3-Phase Induction Motors" catalogue.

Thus the range of motors is more diversified which enable customers to select a motor with the appropriate output for a given drive. **It gives the opportunity to avoid applying overdimensioned motors which reduces the costs and makes the motors environmental friendly.**

General technical information such as the type of bearings, construction, cooling system or compliance with standards is the same as for the motors described in the Cantoni "General Purpose 3-Phase Induction Motors" catalogue.

**All the motors are manufactured in Quality Assurance System consistent with ISO 9001.**

**All the motors described in the present catalogue are provided with CE mark. It means that our products are consistent with the European Union directives regarding the safety features.**

**The motors covered by this catalogue comply with the IEC 60034-1 Standard as well as standards effective in other countries, consistent with IEC.**

**ISO 9001**

**IEC**

**CE**

## ORDERING INFORMATION

When placing an order, the following motor data should be given:

- Motor type designation
- Rated output
- Rated speed
- Operating duty
- Supply voltage
- Frequency
- Mounting arrangements
- Degree of protection
- Special requirements

Information concerning additional accessories e.g.

- Thermal protection
- Anticondensation heaters
- Vibration sensors, etc.

As part of our development programme, we reserve the right to alter or amend any of the specifications included in this catalogue without giving prior notice.

# Totally Enclosed Motors IP55 Insulation Class F

| Item                               | Type        | Rated Output   |      | Rated Speed    | Rated Torque   | Efficiency     | Power Factor       | Full Load Current               |                     | Locked Rotor Torque            | Locked Rotor Current           | Breakdown Torque               | Moment of Inertia   | Weight (IMB3) |
|------------------------------------|-------------|----------------|------|----------------|----------------|----------------|--------------------|---------------------------------|---------------------|--------------------------------|--------------------------------|--------------------------------|---------------------|---------------|
|                                    |             | P <sub>N</sub> |      | n <sub>N</sub> | T <sub>N</sub> | η <sub>N</sub> | cos φ <sub>N</sub> | I <sub>N</sub> at rated voltage |                     | T <sub>L</sub> /T <sub>N</sub> | I <sub>L</sub> /I <sub>N</sub> | T <sub>b</sub> /T <sub>N</sub> | J                   | m             |
|                                    |             | [kW]           | [HP] | [rpm]          | [Nm]           | [%]            | [-]                | [A] <sub>230V</sub>             | [A] <sub>400V</sub> | [-]                            | [-]                            | [-]                            | [kgm <sup>2</sup> ] | [kg]          |
| <b>2p=2 n<sub>s</sub>=3000 rpm</b> |             |                |      |                |                |                |                    |                                 |                     |                                |                                |                                |                     |               |
| 1.                                 | STg 56X-2C  | 0,18           | 0,25 | 2820           | 0,61           | 70             | 0,64               | 1,1                             | 0,6                 | 2,7                            | 4                              | 3                              | 0,0001              | 3,7           |
| 2.                                 | STg 63X-2C  | 0,37           | 0,5  | 2830           | 1,27           | 65             | 0,82               | 1,9                             | 1,1                 | 3,0                            | 4,5                            | 2,7                            | 0,00031             | 5,1           |
| 3.                                 | Sh 71X-2C   | 0,75           | 1    | 2780           | 2,58           | 78             | 0,81               | 3,1                             | 1,8                 | 2,1                            | 4,8                            | 2,2                            | 0,000691            | 7,6           |
| 4.                                 | Sh 80X-2C   | 1,5            | 2    | 2800           | 5,10           | 79             | 0,84               | 5,9                             | 3,4                 | 3                              | 5                              | 2,8                            | 0,001422            | 11,6          |
| 5.                                 | Sh 80X-2D   | 2,2            | 3    | 2820           | 7,45           | 81             | 0,75               | 9                               | 5,2                 | 3,2                            | 5,3                            | 3                              | 0,001673            | 13,2          |
| 6.                                 | PSh 90L-2   | 3              | 4    | 2845           | 10,1           | 81,1           | 0,82               | 11,4                            | 6,6                 | 3,2                            | 6,6                            | 3,6                            | 0,0017              | 18,9          |
| 7.                                 | PSg 100L-2  | 4              | 5,5  | 2885           | 13,2           | 82,7           | 0,85               | 14,2                            | 8,2                 | 1,9                            | 5,8                            | 2,7                            | 0,0048              | 25            |
| 8.                                 | PSg 112M-2  | 5,5            | 7,5  | 2890           | 18,2           | 86             | 0,86               | -                               | 10,7                | 2,5                            | 7,1                            | 3,2                            | 0,006               | 34            |
| 9.                                 | PSg 112M-2A | 6              | 8,1  | 2890           | 19,8           | 86,7           | 0,83               | -                               | 12                  | 2,9                            | 7,6                            | 3,35                           | 0,0067              | 36,5          |
| 10.                                | PSg 112M-2B | 7,5            | 10   | 2880           | 24,9           | 86,8           | 0,87               | -                               | 14,3                | 2,5                            | 7                              | 3                              | 0,0074              | 39            |
| 11.                                | PSg 132M-2  | 9,2            | 12,4 | 2920           | 30,1           | 88,5           | 0,89               | -                               | 16,8                | 2,7                            | 7,8                            | 3,2                            | 0,019               | 75            |
| 12.                                | PSg 132S-2  | 11             | 15   | 2920           | 36             | 88,2           | 0,89               | -                               | 20,3                | 2,9                            | 8,4                            | 3,45                           | 0,017               | 77,5          |
| 13.                                | PSg 132M-2A | 11             | 15   | 2920           | 36             | 88,2           | 0,89               | -                               | 20,3                | 2,9                            | 8,4                            | 3,45                           | 0,017               | 78            |
| 14.                                | PSg 160L-2  | 22             | 30   | 2930           | 71,7           | 90,5           | 0,9                | -                               | 39,4                | 2,5                            | 7,7                            | 3,0                            | 0,059               | 119           |
| 15.                                | PSg 180L-2  | 30             | 40   | 2940           | 97,4           | 90,1           | 0,89               | -                               | 54                  | 2,7                            | 6,5                            | 2,6                            | 0,095               | 190           |
| 16.                                | 2Sg 200L2Bz | 45             | 60   | 2955           | 145            | 93,3           | 0,87               | -                               | 80                  | 2,2                            | 6,5                            | 2,5                            | 0,18                | 265           |
| 17.                                | 2Sg 225M2z  | 55             | 75   | 2964           | 177            | 94,6           | 0,89               | -                               | 94                  | 2                              | 7,3                            | 2,6                            | 0,26                | 350           |
| 18.                                | 2Sg 250M2z  | 75             | 100  | 2970           | 241            | 94,3           | 0,91               | -                               | 126                 | 2                              | 6,9                            | 2,5                            | 0,42                | 480           |
| 19.                                | 2Sg 280M2z  | 110            | 150  | 2975           | 353            | 95,4           | 0,92               | -                               | 181                 | 1,8                            | 8                              | 2,6                            | 0,91                | 620           |
| <b>2p=4 n<sub>s</sub>=1500 rpm</b> |             |                |      |                |                |                |                    |                                 |                     |                                |                                |                                |                     |               |
| 20.                                | STg 56X-4C  | 0,12           | 0,17 | 1400           | 0,82           | 59             | 0,62               | 0,86                            | 0,5                 | 2,2                            | 3                              | 2,2                            | 0,0003              | 4             |
| 21.                                | STg 63X-4C  | 0,25           | 0,33 | 1400           | 1,7            | 69             | 0,6                | 1,65                            | 0,95                | 2,6                            | 3,6                            | 2,7                            | 0,00038             | 5,0           |
| 22.                                | Sh 71X-4C   | 0,55           | 0,75 | 1360           | 3,86           | 70             | 0,62               | 3,5                             | 2                   | 2,5                            | 3                              | 2,4                            | 0,001099            | 7,2           |
| 23.                                | Sh 80X-4C   | 1,1            | 1,5  | 1380           | 7,60           | 76             | 0,76               | 5                               | 2,9                 | 1,7                            | 4                              | 2                              | 0,002655            | 11            |
| 24.                                | Sh 80X-4D   | 1,5            | 2    | 1380           | 10,40          | 78             | 0,72               | 7,45                            | 4,3                 | 2,4                            | 3,8                            | 2,2                            | 0,003123            | 13,3          |
| 25.                                | PSh 90L-4   | 2,2            | 3    | 1410           | 14,9           | 78             | 0,78               | 9                               | 5,2                 | 2,65                           | 5,45                           | 2,85                           | 0,0034              | 19,4          |
| 26.                                | PSg 100L-4  | 4              | 5,5  | 1415           | 27             | 80,7           | 0,78               | 15,4                            | 9,2                 | 2,8                            | 6,2                            | 2,9                            | 0,0076              | 27,6          |
| 27.                                | PSg 112M-4A | 5,5            | 7,5  | 1425           | 36,9           | 83,9           | 0,84               | -                               | 11,3                | 2,5                            | 6,45                           | 3,1                            | 0,012               | 39            |
| 28.                                | PSg 132M-4  | 9,2            | 12,4 | 1455           | 60,4           | 87,3           | 0,82               | -                               | 18,5                | 2,4                            | 6,6                            | 3,1                            | 0,043               | 77            |
| 29.                                | PSg 132M-4A | 11             | 15   | 1450           | 72             | 87             | 0,83               | -                               | 22                  | 2,5                            | 7,05                           | 3,15                           | 0,042               | 82            |
| 30.                                | PSg 160L-4  | 18,5           | 25   | 1455           | 121,4          | 89,5           | 0,85               | -                               | 35,1                | 2,3                            | 7,5                            | 2,9                            | 0,103               | 130           |
| 31.                                | PSg 180L-4  | 30             | 40   | 1465           | 195,5          | 91,4           | 0,9                | -                               | 52,6                | 2,8                            | 7,5                            | 2,7                            | 0,185               | 200           |
| 32.                                | 2Sg 200L4Az | 37             | 50   | 1472           | 241            | 92,0           | 0,83               | -                               | 70                  | 3,2                            | 7,2                            | 3,0                            | 0,31                | 262           |
| 33.                                | 2Sg 200L4Bz | 45             | 60   | 1475           | 291            | 93             | 0,85               | -                               | 82                  | 3,2                            | 7,2                            | 2,9                            | 0,37                | 280           |
| 34.                                | 2Sg 225M4z  | 55             | 75   | 1476           | 356            | 93,6           | 0,88               | -                               | 96                  | 2,8                            | 7,2                            | 2,4                            | 0,55                | 372           |
| 35.                                | 2Sg 250M4z  | 75             | 100  | 1475           | 486            | 93,5           | 0,92               | -                               | 126                 | 2,7                            | 6,9                            | 2,2                            | 0,93                | 456           |
| 36.                                | 2Sg 280M4z  | 110            | 150  | 1480           | 710            | 94,2           | 0,92               | -                               | 183                 | 2,3                            | 6,9                            | 2,2                            | 1,67                | 650           |

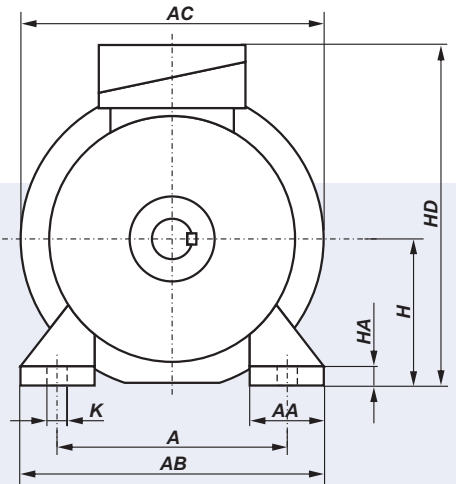
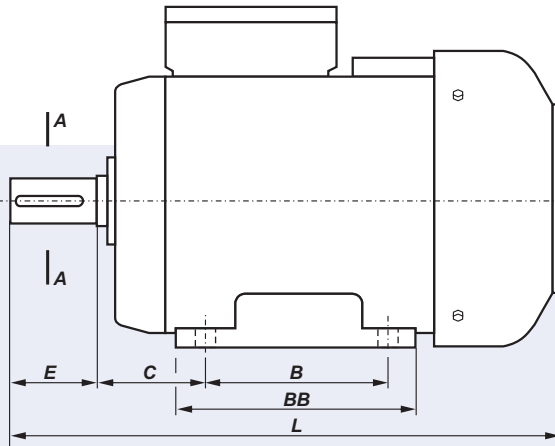
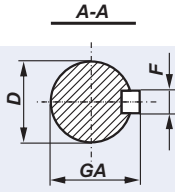
TECHNICAL DATA

# Totally Enclosed Motors IP55 Insulation Class F

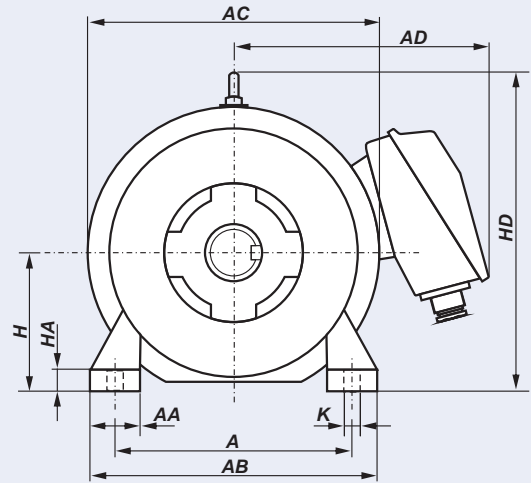
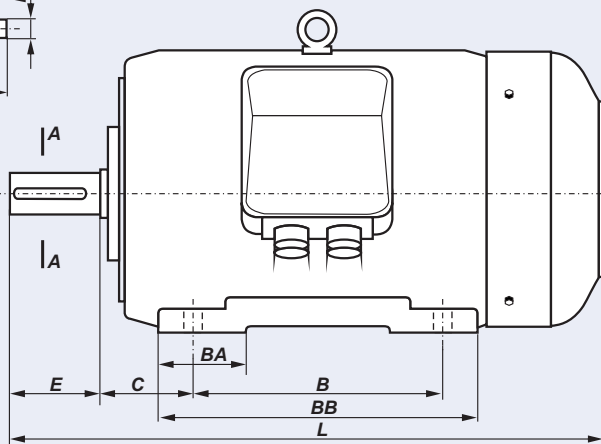
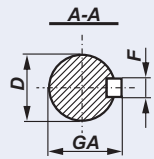
| Item                          | Type        | Rated Output   |      | Rated Speed    | Rated Torque   | Efficiency     | Power Factor       | Full Load Current               |                     | Locked Rotor Torque            | Locked Rotor Current           | Breakdown Torque               | Moment of Inertia | Weight (IMB3) |
|-------------------------------|-------------|----------------|------|----------------|----------------|----------------|--------------------|---------------------------------|---------------------|--------------------------------|--------------------------------|--------------------------------|-------------------|---------------|
|                               |             | P <sub>N</sub> |      |                |                |                |                    | I <sub>N</sub> at rated voltage |                     |                                |                                |                                |                   |               |
|                               |             | [kW]           | [HP] |                |                |                |                    | [A] <sub>230V</sub>             | [A] <sub>400V</sub> |                                |                                |                                |                   |               |
|                               |             |                |      | n <sub>N</sub> | T <sub>N</sub> | η <sub>N</sub> | cos φ <sub>N</sub> |                                 |                     | T <sub>L</sub> /T <sub>N</sub> | I <sub>L</sub> /I <sub>N</sub> | T <sub>b</sub> /T <sub>N</sub> | J                 | m             |
|                               |             |                |      | [rpm]          | [Nm]           | [%]            | [-]                |                                 |                     | [-]                            | [-]                            | [-]                            | [kgm²]            | [kg]          |
| 2p=6 n <sub>s</sub> =1000 rpm |             |                |      |                |                |                |                    |                                 |                     |                                |                                |                                |                   |               |
| 37.                           | STg 63X-6C  | 0,15           | 0,2  | 870            | 1,65           | 48             | 0,56               | 1,6                             | 0,9                 | 1,6                            | 2                              | 1,6                            | 0,000422          | 5,1           |
| 38.                           | Sh 71X-6C   | 0,37           | 0,5  | 880            | 4,02           | 60             | 0,7                | 2,35                            | 1,35                | 1,9                            | 2,6                            | 1,8                            | 0,001221          | 7,3           |
| 39.                           | Sh 80X-6C   | 0,75           | 1    | 900            | 8              | 72             | 0,72               | 4                               | 2,3                 | 2,1                            | 3,4                            | 2                              | 0,002933          | 10,8          |
| 40.                           | Sh 80X-6D   | 1,1            | 1,5  | 900            | 12,4           | 74             | 0,68               | 5,5                             | 3,2                 | 1,6                            | 2                              | 1,5                            | 0,003451          | 12,5          |
| 41.                           | PSg 90L-6   | 1,5            | 2    | 890            | 16,1           | 70,1           | 0,73               | 7,3                             | 4,2                 | 2,05                           | 3,65                           | 2,1                            | 0,0031            | 15,9          |
| 42.                           | PSg 100L-6  | 1,8            | 2,4  | 925            | 18,6           | 71,7           | 0,8                | 7,8                             | 4,5                 | 1,65                           | 3,9                            | 2                              | 0,009             | 21,4          |
| 43.                           | PSg 100L-6A | 2,2            | 3    | 925            | 22,7           | 75,0           | 0,78               | -                               | 5,4                 | 1,8                            | 4,3                            | 1,9                            | 0,01              | 21,4          |
| 44.                           | PSg 112M-6  | 3              | 4    | 935            | 30,6           | 79,4           | 0,81               | -                               | 6,7                 | 1,7                            | 4,35                           | 2                              | 0,0177            | 33            |
| 45.                           | PSg 132M-6  | 7,5            | 10   | 950            | 75,4           | 84,2           | 0,79               | -                               | 16,2                | 2,55                           | 6,1                            | 2,9                            | 0,039             | 78            |
| 46.                           | PSg 160L-6  | 15             | 20   | 950            | 150,8          | 87,5           | 0,81               | -                               | 30,5                | 2,6                            | 6,9                            | 3,3                            | 0,108             | 134           |
| 47.                           | PSg 180L-6  | 18,5           | 25   | 970            | 182,1          | 87,6           | 0,81               | -                               | 37,6                | 3                              | 6                              | 3,5                            | 0,2185            | 166           |
| 48.                           | 2Sg 200L6Bz | 30             | 40   | 975            | 294            | 89,2           | 0,86               | -                               | 56                  | 2,5                            | 6,4                            | 2,6                            | 0,58              | 330           |
| 49.                           | 2Sg 225M6Az | 37             | 50   | 981            | 360            | 91,9           | 0,9                | -                               | 65                  | 2,3                            | 6,6                            | 2                              | 0,87              | 380           |
| 50.                           | 2Sg 225M6Bz | 45             | 60   | 978            | 439            | 91,4           | 0,88               | -                               | 81                  | 2,2                            | 6                              | 2                              | 0,9               | 400           |
| 51.                           | 2Sg 250M6Az | 45             | 60   | 985            | 436            | 92,4           | 0,89               | -                               | 79                  | 2,6                            | 6,7                            | 2                              | 1,39              | 480           |
| 52.                           | 2Sg 250M6Bz | 55             | 75   | 985            | 533            | 92,3           | 0,87               | -                               | 99                  | 3,2                            | 7,7                            | 2,4                            | 1,5               | 468           |
| 53.                           | 2Sg 280M6z  | 75             | 100  | 985            | 727            | 93,5           | 0,89               | -                               | 130                 | 2,3                            | 6,6                            | 2,2                            | 2,16              | 670           |
| 54.                           | 2Sg 315M6Bz | 132            | 180  | 985            | 1280           | 95             | 0,84               | -                               | 239                 | 2,3                            | 5,8                            | 1,6                            | 3,01              | 895           |
| 2p=8 n <sub>s</sub> =750 rpm  |             |                |      |                |                |                |                    |                                 |                     |                                |                                |                                |                   |               |
| 55.                           | STg 63X-8C  | 0,08           | 0,11 | 670            | 1,07           | 33             | 0,50               | 1,30                            | 0,75                | 2,0                            | 1,8                            | 2,0                            | 0,000422          | 5,1           |
| 56.                           | Sh 71X-8C   | 0,18           | 0,25 | 680            | 2,53           | 45             | 0,52               | 2,4                             | 1,4                 | 2,7                            | 2                              | 2,6                            | 0,001221          | 7,3           |
| 57.                           | Sh 80X-8C   | 0,37           | 0,5  | 680            | 5,2            | 58             | 0,6                | 2,95                            | 1,7                 | 2                              | 2,5                            | 2                              | 0,002933          | 11            |
| 58.                           | Sh 80X-8D   | 0,55           | 0,75 | 690            | 7,60           | 59             | 0,6                | 4,2                             | 2,4                 | 2,1                            | 2,5                            | 2,2                            | 0,003451          | 12,7          |
| 59.                           | PSg 112M-8  | 1,8            | 2,4  | 715            | 24             | 73,6           | 0,69               | -                               | 5,1                 | 1,9                            | 4,5                            | 2,4                            | 0,0192            | 31,0          |
| 60.                           | PSg 132M-8  | 4              | 5,5  | 700            | 54,6           | 77             | 0,77               | -                               | 9,7                 | 2,3                            | 5,1                            | 2,8                            | 0,0439            | 61,2          |
| 61.                           | 2Sg 160L8z  | 11             | 15   | 700            | 150            | 81,5           | 0,82               | -                               | 23                  | 2,7                            | 5,7                            | 2,5                            | 0,1               | 130           |
| 62.                           | 2Sg 180L8z  | 15             | 20   | 727            | 197            | 88,1           | 0,78               | -                               | 31,5                | 1,8                            | 5,4                            | 2,6                            | 0,19              | 155           |
| 63.                           | 2Sg 200M8z  | 18,5           | 25   | 731            | 242            | 88,1           | 0,8                | -                               | 38                  | 2,3                            | 5,2                            | 1,9                            | 0,47              | 320           |
| 64.                           | 2Sg 225M8z  | 30             | 40   | 737            | 389            | 90             | 0,79               | -                               | 61                  | 2,3                            | 5,6                            | 2,3                            | 0,87              | 380           |
| 65.                           | 2Sg 250M8z  | 37             | 50   | 735            | 481            | 90,9           | 0,83               | -                               | 71                  | 2,4                            | 5,7                            | 1,7                            | 1,39              | 440           |
| 66.                           | 2Sg 280M8z  | 55             | 75   | 735            | 715            | 92,7           | 0,81               | -                               | 106                 | 2,1                            | 5,4                            | 1,8                            | 2,16              | 700           |
| 67.                           | 2Sg 315M8Bz | 110            | 150  | 740            | 1420           | 92,9           | 0,74               | -                               | 231                 | 2,0                            | 4,7                            | 1,6                            | 3,01              | 850           |

# FOOT MOUNTED MOTORS - IM B3

56 ÷ 180



200 ÷ 315

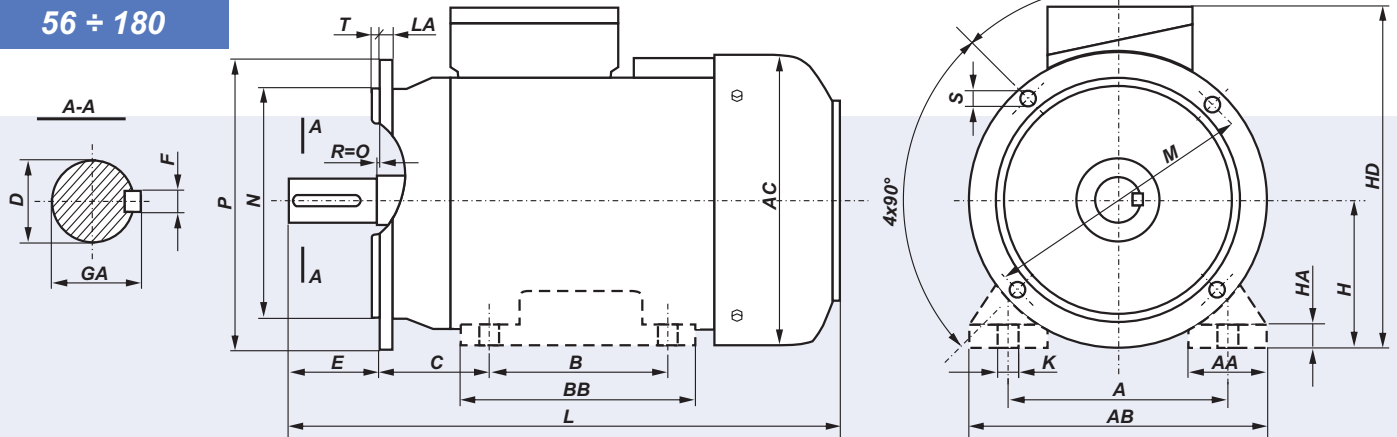


DIMENSION DRAWINGS

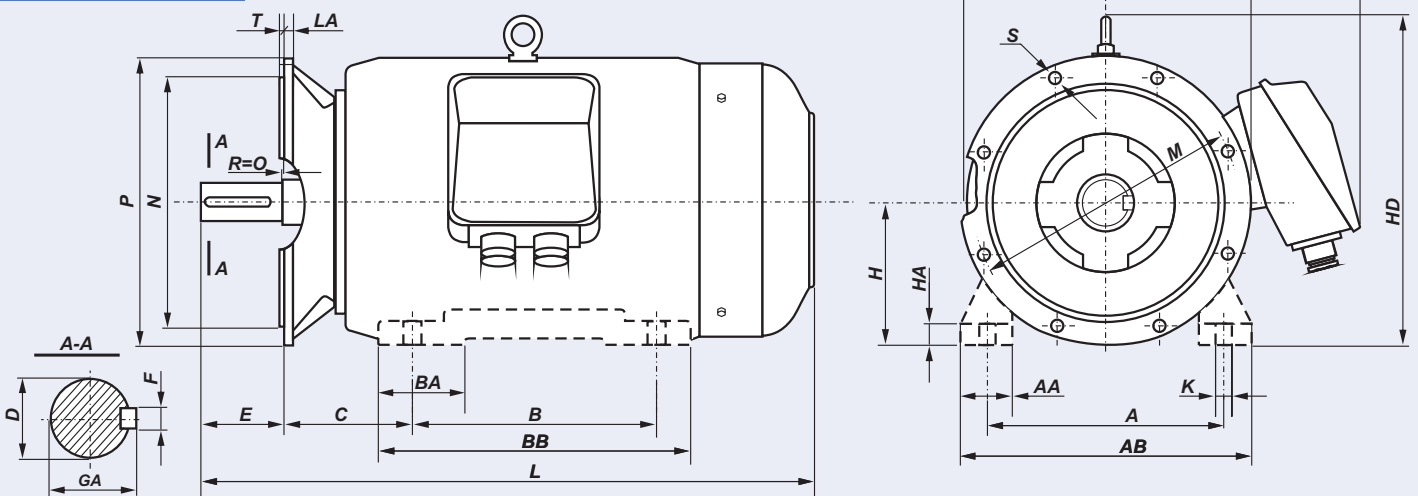
| Type of motor      | A   | B   | C   | D    | E   | F    | GA   | H   | HA  | K   | AA  | AB  | AC  | AD  | BA  | BB  | HD  | L    |
|--------------------|-----|-----|-----|------|-----|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| STg 56X-2+4C       | 90  | 71  | 36  | 9j6  | 20  | 3h9  | 10,2 | 56  | 7   | 5,8 | 30  | 110 | 117 | -   | -   | 92  | 154 | 204  |
| STg 63X-2+8C       | 100 | 80  | 40  | 11j6 | 23  | 4h9  | 12,5 | 63  | 8,5 | 7   | 36  | 124 | 126 | -   | -   | 106 | 165 | 228  |
| Sh 71X-2+8C        | 112 | 90  | 40  | 14j6 | 30  | 5h9  | 16   | 71  | 8   | 7   | 45  | 142 | 141 | -   | -   | 116 | 182 | 263  |
| Sh 80X-2+8C        | 125 | 100 | 50  | 19j6 | 40  | 6h9  | 21,5 | 80  | 9   | 10  | 55  | 160 | 157 | -   | -   | 130 | 200 | 306  |
| Sh 80X-2+8D        | 125 | 100 | 50  | 19j6 | 40  | 6h9  | 21,5 | 80  | 9   | 10  | 55  | 160 | 157 | -   | -   | 130 | 200 | 318  |
| PSg 90L-2+4        | 140 | 125 | 56  | 24j6 | 50  | 8h9  | 27   | 90  | 10  | 10  | 50  | 170 | 185 | -   | -   | 153 | 220 | 354  |
| PSg 90L-6          | 140 | 125 | 56  | 24j6 | 50  | 8h9  | 27   | 90  | 10  | 10  | 50  | 170 | 185 | -   | -   | 153 | 220 | 330  |
| PSg 100L-2,6,6A    | 160 | 140 | 63  | 28j6 | 60  | 8h9  | 31   | 100 | 14  | 12  | 45  | 200 | 206 | -   | -   | 172 | 240 | 376  |
| PSg 100L-4         | 160 | 140 | 63  | 28j6 | 60  | 8h9  | 31   | 100 | 14  | 12  | 45  | 200 | 206 | -   | -   | 172 | 240 | 411  |
| PSg 112M-2,6,8     | 190 | 140 | 70  | 28j6 | 60  | 8h9  | 31   | 112 | 14  | 12  | 54  | 230 | 245 | -   | -   | 174 | 276 | 384  |
| PSg 112M-2A,2B,4A  | 190 | 140 | 70  | 28j6 | 60  | 8h9  | 31   | 112 | 14  | 12  | 54  | 230 | 245 | -   | -   | 174 | 276 | 411  |
| PSg 132S-2         | 216 | 140 | 89  | 38k6 | 80  | 10h9 | 41   | 132 | 16  | 12  | 56  | 278 | 274 | -   | -   | 182 | 310 | 531  |
| PSg 132M-2+6,2A,4A | 216 | 178 | 89  | 38k6 | 80  | 10h9 | 41   | 132 | 16  | 12  | 56  | 278 | 274 | -   | -   | 220 | 310 | 531  |
| PSg 132M-8         | 216 | 178 | 89  | 38k6 | 80  | 10h9 | 41   | 132 | 16  | 12  | 56  | 278 | 274 | -   | -   | 220 | 310 | 501  |
| PSg 160L-2+6       | 254 | 254 | 108 | 42k6 | 110 | 12h9 | 45   | 160 | 20  | 15  | 60  | 305 | 323 | -   | -   | 300 | 370 | 656  |
| 2Sg 160L-8z        | 254 | 254 | 108 | 42k6 | 110 | 12h9 | 45   | 160 | 20  | 15  | 60  | 300 | 327 | 125 | -   | 292 | 366 | 650  |
| PSg 180L-2+6       | 279 | 279 | 121 | 48k6 | 110 | 14h9 | 51,5 | 180 | 26  | 15  | 70  | 350 | 360 | -   | -   | 320 | 408 | 756  |
| 2Sg 180L-8z        | 279 | 279 | 121 | 48m6 | 110 | 14h9 | 51,5 | 180 | 23  | 15  | 75  | 350 | 360 | 118 | -   | 315 | 405 | 705  |
| 2Sg 200L2+8z       | 318 | 305 | 133 | 55m6 | 110 | 16h9 | 59   | 200 | 32  | 19  | 80  | 400 | 450 | 355 | 100 | 380 | 485 | 825  |
| 2Sg 225M2z         | 356 | 311 | 149 | 55m6 | 110 | 16h9 | 59   | 225 | 34  | 19  | 85  | 445 | 505 | 375 | 110 | 380 | 535 | 860  |
| 2Sg 225M4+8z       | 356 | 311 | 149 | 60m6 | 140 | 18h9 | 64   | 225 | 34  | 19  | 85  | 445 | 505 | 375 | 110 | 380 | 535 | 860  |
| 2Sg 250M2z         | 406 | 349 | 168 | 60m6 | 140 | 18h9 | 64   | 250 | 36  | 24  | 90  | 495 | 540 | 415 | 120 | 420 | 590 | 965  |
| 2Sg 250M4+8z       | 406 | 349 | 168 | 65m6 | 140 | 18h9 | 69   | 250 | 36  | 24  | 90  | 495 | 540 | 415 | 120 | 420 | 590 | 965  |
| 2Sg 280M2z         | 457 | 419 | 190 | 65m6 | 140 | 18h9 | 69   | 280 | 40  | 24  | 100 | 560 | 620 | 450 | 165 | 520 | 660 | 1040 |
| 2Sg 280M4+8z       | 457 | 419 | 190 | 75m6 | 140 | 20h9 | 79,5 | 280 | 40  | 24  | 100 | 560 | 620 | 450 | 165 | 520 | 660 | 1040 |
| 2Sg 315M6+8Bz      | 508 | 457 | 216 | 80m6 | 170 | 22h9 | 85   | 315 | 46  | 28  | 105 | 610 | 620 | 450 | 190 | 560 | 695 | 1210 |

**FOOT/FLANGE MOUNTED MOTORS - IM B35**  
**FLANGE MOUNTED MOTORS - IM B5**

56 ÷ 180



200 ÷ 315



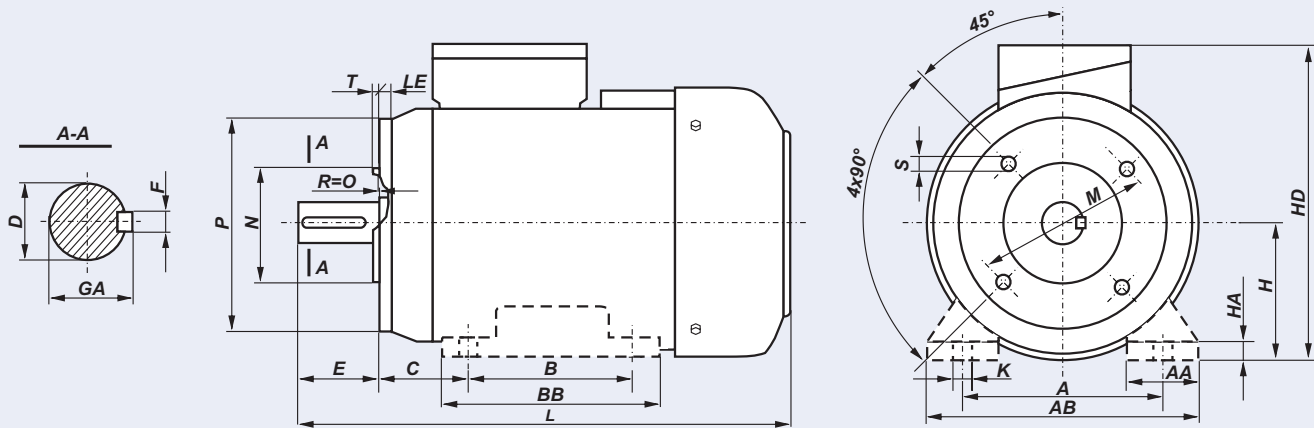
| Type of motor       | A   | B   | C   | D    | E   | F    | GA   | H   | HA  | K   | AA  | AB  | AC  | AD/AD1 <sup>1</sup> | BA  | BB  | HD  | L    | LA   | M   | N      | P   | T   | S  |       |  |
|---------------------|-----|-----|-----|------|-----|------|------|-----|-----|-----|-----|-----|-----|---------------------|-----|-----|-----|------|------|-----|--------|-----|-----|----|-------|--|
|                     |     |     |     |      |     |      |      |     |     |     |     |     |     |                     |     |     |     |      |      |     |        |     |     | Φ  | holes |  |
| STLg 56X-2÷4C       | 90  | 71  | 36  | 9j6  | 20  | 3h9  | 10,2 | 56  | 7   | 5,8 | 30  | 110 | 117 | -                   | -   | 92  | 154 | 204  | 8    | 100 | 80j6   | 120 | 3   | 7  | 4     |  |
| STLg 63X-2÷8C       | 100 | 80  | 40  | 11j6 | 23  | 4h9  | 12,5 | 63  | 8,5 | 7   | 36  | 124 | 126 | -                   | -   | 106 | 165 | 228  | 9    | 115 | 95j6   | 140 | 3   | 10 | 4     |  |
| SLh 71X-2÷8C        | 112 | 90  | 40  | 14j6 | 30  | 5h9  | 16   | 71  | 8   | 7   | 45  | 142 | 141 | -                   | -   | 116 | 182 | 263  | 9    | 130 | 110j6  | 160 | 3,5 | 10 | 4     |  |
| SLh 80X-2÷8C        | 125 | 100 | 50  | 19j6 | 40  | 6h9  | 21,5 | 80  | 9   | 10  | 55  | 160 | 157 | -                   | -   | 130 | 200 | 306  | 10   | 165 | 130j6  | 200 | 3,5 | 12 | 4     |  |
| SLh 80X-2÷8D        | 125 | 100 | 50  | 19j6 | 40  | 6h9  | 21,5 | 80  | 9   | 10  | 55  | 160 | 157 | -                   | -   | 130 | 200 | 318  | 10   | 165 | 130j6  | 200 | 3,5 | 12 | 4     |  |
| PSLh 90L-2÷4        | 140 | 125 | 56  | 24j6 | 50  | 8h9  | 27   | 90  | 10  | 10  | 50  | 170 | 185 | -                   | -   | 153 | 220 | 354  | 8    | 165 | 130j6  | 200 | 3,5 | 12 | 4     |  |
| PSLh 90L-6          | 140 | 125 | 56  | 24j6 | 50  | 8h9  | 27   | 90  | 10  | 10  | 50  | 170 | 185 | -                   | -   | 153 | 220 | 330  | 8    | 165 | 130j6  | 200 | 3,5 | 12 | 4     |  |
| PSLg 100L-2,6,6A    | 160 | 140 | 63  | 28j6 | 60  | 8h9  | 31   | 100 | 14  | 12  | 45  | 200 | 206 | -                   | -   | 172 | 240 | 376  | 11   | 215 | 180j6  | 250 | 4   | 15 | 4     |  |
| PSLg 100L- 4        | 160 | 140 | 63  | 28j6 | 60  | 8h9  | 31   | 100 | 14  | 12  | 45  | 200 | 206 | -                   | -   | 172 | 240 | 411  | 11   | 215 | 180j6  | 250 | 4   | 15 | 4     |  |
| PSLg 112M-2,6,8     | 190 | 140 | 70  | 28j6 | 60  | 8h9  | 31   | 112 | 14  | 12  | 54  | 230 | 245 | -                   | -   | 174 | 276 | 384  | 12   | 215 | 180j6  | 250 | 4   | 15 | 4     |  |
| PSLg 112M-2A,2B,4A  | 190 | 140 | 70  | 28j6 | 60  | 8h9  | 31   | 112 | 14  | 12  | 54  | 230 | 245 | -                   | -   | 174 | 276 | 411  | 12   | 215 | 180j6  | 250 | 4   | 15 | 4     |  |
| PSLg 132S-2         | 216 | 140 | 89  | 38k6 | 80  | 10h9 | 41   | 132 | 16  | 12  | 56  | 278 | 274 | -                   | -   | 182 | 310 | 531  | 12   | 265 | 230j6  | 300 | 4   | 15 | 4     |  |
| PSLg 132M-2+6,2A,4A | 216 | 178 | 89  | 38k6 | 80  | 10h9 | 41   | 132 | 16  | 12  | 56  | 278 | 274 | -                   | -   | 220 | 310 | 531  | 12   | 265 | 230j6  | 300 | 4   | 15 | 4     |  |
| PSLg 132M-8         | 216 | 178 | 89  | 38k6 | 80  | 10h9 | 41   | 132 | 16  | 12  | 56  | 278 | 274 | -                   | -   | 220 | 310 | 501  | 12   | 265 | 230j6  | 300 | 4   | 15 | 4     |  |
| PSLg 160L-2+6       | 254 | 254 | 108 | 42k6 | 110 | 12h9 | 45   | 160 | 20  | 15  | 60  | 305 | 327 | -                   | -   | 300 | 370 | 656  | 13   | 300 | 250j6  | 350 | 5   | 19 | 4     |  |
| 2SLg 160 L8z        | 254 | 254 | 108 | 42k6 | 110 | 12h9 | 45   | 160 | 20  | 15  | 60  | 300 | 327 | 125/206             | -   | 292 | 366 | 650  | 13   | 300 | 250j6  | 350 | 5   | 19 | 4     |  |
| PSLg 180L-2+6       | 279 | 279 | 121 | 48k6 | 110 | 14h9 | 51,5 | 180 | 26  | 15  | 70  | 350 | 360 | -                   | -   | 320 | 408 | 756  | 13   | 300 | 250j6  | 350 | 5   | 19 | 4     |  |
| 2SLg 180 L8z        | 279 | 279 | 121 | 48m6 | 110 | 14h9 | 51,5 | 180 | 23  | 15  | 75  | 350 | 360 | 118/225             | -   | 315 | 405 | 705  | 13   | 300 | 250j6  | 350 | 5   | 19 | 4     |  |
| 2SLg 200 L2÷8z      | 318 | 305 | 133 | 55m6 | 110 | 16h9 | 59   | 200 | 32  | 19  | 80  | 400 | 450 | 355/340             | 100 | 380 | 485 | 825  | 16,5 | 350 | 300j6  | 400 | 5   | 18 | 4     |  |
| 2SLg 225 M2z        | 356 | 311 | 149 | 55m6 | 110 | 16h9 | 59   | 225 | 34  | 19  | 85  | 445 | 505 | 375/360             | 110 | 380 | 535 | 860  | 18   | 400 | 350j6  | 450 | 5   | 18 | 8     |  |
| 2SLg 225 M4÷8z      | 356 | 311 | 149 | 60m6 | 140 | 18h9 | 64   | 225 | 34  | 19  | 85  | 445 | 505 | 375/360             | 110 | 380 | 535 | 890  | 18   | 400 | 350j6  | 450 | 5   | 18 | 8     |  |
| 2SLg 250 M2z        | 406 | 349 | 168 | 60m6 | 140 | 18h9 | 64   | 250 | 36  | 24  | 90  | 495 | 540 | 415/405             | 120 | 420 | 590 | 965  | 19   | 500 | 450j6  | 550 | 5   | 18 | 8     |  |
| 2SLg 250 M4÷8z      | 406 | 349 | 168 | 65m6 | 140 | 18h9 | 69   | 250 | 36  | 24  | 90  | 495 | 540 | 415/405             | 120 | 420 | 590 | 965  | 19   | 500 | 450j6  | 550 | 5   | 18 | 8     |  |
| 2SLg 280 M2z        | 457 | 419 | 190 | 65m6 | 140 | 18h9 | 69   | 280 | 40  | 24  | 100 | 560 | 620 | 450/440             | 165 | 520 | 660 | 1040 | 20   | 500 | 450j6  | 550 | 5   | 18 | 8     |  |
| 2SLg 280 M4÷8z      | 457 | 419 | 190 | 75m6 | 140 | 20h9 | 79,5 | 280 | 40  | 24  | 100 | 560 | 620 | 450/440             | 165 | 520 | 660 | 1040 | 20   | 500 | 450j6  | 550 | 5   | 18 | 8     |  |
| 2SLg 315 M6÷8z      | 508 | 457 | 216 | 80m6 | 170 | 22h9 | 85   | 315 | 46  | 28  | 105 | 610 | 620 | 450/440             | 190 | 560 | 695 | 1210 | 22   | 600 | 550js6 | 660 | 6   | 22 | 8     |  |

<sup>1</sup> - AD - dimension for foot/flange mounted motors

AD1 - dimension for flange mounted motors

# FOOT/FLANGE MOUNTED MOTORS - IM B34 FLANGE MOUNTED MOTORS - IM B14

56 ÷ 132



| Type of motor         | Flange | A   | AA | B   | C  | D    | E  | F    | GA   | H   | HA  | K  | M   | N     | P   | S   | LE   | T   | HD  | L   |
|-----------------------|--------|-----|----|-----|----|------|----|------|------|-----|-----|----|-----|-------|-----|-----|------|-----|-----|-----|
| STLg 56X-2+4C1        | B14/C1 | 90  | 30 | 71  | 36 | 9j6  | 20 | 3h9  | 10,2 | 56  | 7   | 8  | 85  | 70j6  | 105 | M6  | 15   | 2,5 | 154 | 204 |
| STLg 56X-2+4C2        | B14/C2 | 90  | 30 | 71  | 36 | 9j6  | 20 | 3h9  | 10,2 | 56  | 7   | 8  | 65  | 50j6  | 80  | M5  | 12,5 | 2,5 | 154 | 204 |
| STLg 63X-2+6C1        | B14/C1 | 100 | 36 | 80  | 40 | 11j6 | 23 | 4h9  | 12,5 | 63  | 8,5 | 10 | 100 | 80j6  | 120 | M6  | 14   | 3   | 165 | 228 |
| STLg 63X-2+6C2        | B14/C2 | 100 | 36 | 80  | 40 | 11j6 | 23 | 4h9  | 12,5 | 63  | 8,5 | 10 | 75  | 60j6  | 90  | M5  | 9,5  | 2,5 | 165 | 228 |
| SLh 71X-2+8C1         | B14/C1 | 112 | 45 | 90  | 45 | 14j6 | 30 | 5h9  | 16   | 71  | 8   | 10 | 115 | 95j6  | 140 | M8  | 14   | 3   | 182 | 263 |
| SLh 71X-2+8C2         | B14/C2 | 112 | 45 | 90  | 45 | 14j6 | 30 | 5h9  | 16   | 71  | 8   | 10 | 85  | 70j6  | 105 | M6  | 12   | 2,5 | 182 | 263 |
| SLh 80X-2+8C1         | B14/C1 | 125 | 55 | 100 | 50 | 19j6 | 40 | 6h9  | 21,5 | 80  | 9   | 10 | 130 | 110j6 | 160 | M8  | 14   | 3,5 | 200 | 306 |
| SLh 80X-2+8C2         | B14/C2 | 125 | 55 | 100 | 50 | 19j6 | 40 | 6h9  | 21,5 | 80  | 9   | 10 | 100 | 80j6  | 120 | M6  | 12   | 3   | 200 | 306 |
| SLh 80X-2+8D1         | B14/C1 | 125 | 55 | 100 | 50 | 19j6 | 40 | 6h9  | 21,5 | 80  | 9   | 10 | 130 | 110j6 | 160 | M8  | 14   | 3,5 | 200 | 318 |
| SLh 80X-2+8D2         | B14/C2 | 125 | 55 | 100 | 50 | 19j6 | 40 | 6h9  | 21,5 | 80  | 9   | 10 | 100 | 80j6  | 120 | M6  | 12   | 3   | 200 | 318 |
| PSLh 90L-2,4          | B14/C1 | 140 | 50 | 125 | 56 | 24j6 | 50 | 8h9  | 27   | 90  | 10  | 10 | 130 | 110j6 | 160 | M8  | 10   | 3,5 | 220 | 354 |
| PSLh 90L-2,4          | B14/C2 | 140 | 50 | 125 | 56 | 24j6 | 50 | 8h9  | 27   | 90  | 10  | 10 | 115 | 95j6  | 140 | M8  | 10   | 3   | 220 | 354 |
| PSLh 90L-6            | B14/C1 | 140 | 50 | 125 | 56 | 24j6 | 50 | 8h9  | 27   | 90  | 10  | 10 | 130 | 110j6 | 160 | M8  | 10   | 3,5 | 220 | 330 |
| PSLh 90L-6            | B14/C2 | 140 | 50 | 125 | 56 | 24j6 | 50 | 8h9  | 27   | 90  | 10  | 10 | 115 | 95j6  | 140 | M8  | 10   | 3   | 220 | 330 |
| PSLg 100L-2,6,6A      | B14/C1 | 160 | 45 | 140 | 63 | 28j6 | 60 | 8h9  | 31   | 100 | 14  | 12 | 165 | 130j6 | 200 | M10 | 12   | 3,5 | 240 | 376 |
| PSLg 100L-2,6,6A      | B14/C2 | 160 | 45 | 140 | 63 | 28j6 | 60 | 8h9  | 31   | 100 | 14  | 12 | 130 | 110j6 | 160 | M8  | 12   | 3,5 | 240 | 376 |
| PSLg 100L-4           | B14/C1 | 160 | 45 | 140 | 63 | 28j6 | 60 | 8h9  | 31   | 100 | 14  | 12 | 165 | 130j6 | 200 | M10 | 12   | 3,5 | 240 | 411 |
| PSLg 100L-4           | B14/C2 | 160 | 45 | 140 | 63 | 28j6 | 60 | 8h9  | 31   | 100 | 14  | 12 | 130 | 110j6 | 160 | M8  | 12   | 3,5 | 240 | 411 |
| PSLg 112M-2,6,8       | B14/C1 | 190 | 54 | 140 | 70 | 28j6 | 60 | 8h9  | 31   | 112 | 14  | 12 | 165 | 130j6 | 200 | M10 | 12   | 3,5 | 276 | 384 |
| PSLg 112M-2,6,8       | B14/C2 | 190 | 54 | 140 | 70 | 28j6 | 60 | 8h9  | 31   | 112 | 14  | 12 | 130 | 110j6 | 160 | M8  | 12   | 3,5 | 276 | 384 |
| PSLg 112M-2A,2B,4A    | B14/C1 | 190 | 54 | 140 | 70 | 28j6 | 60 | 8h9  | 31   | 112 | 14  | 12 | 165 | 130j6 | 200 | M10 | 12   | 3,5 | 276 | 411 |
| PSLg 112M-2A,2B,4A    | B14/C2 | 190 | 54 | 140 | 70 | 28j6 | 60 | 8h9  | 31   | 112 | 14  | 12 | 130 | 110j6 | 160 | M8  | 12   | 3,5 | 276 | 411 |
| PSLg 132S-2           | B14/C1 | 216 | 56 | 140 | 89 | 38j6 | 80 | 10h9 | 41   | 132 | 16  | 12 | 215 | 180j6 | 250 | M12 | 12   | 4   | 310 | 531 |
| PSLg 132S-2           | B14/C2 | 216 | 56 | 140 | 89 | 38j6 | 80 | 10h9 | 41   | 132 | 16  | 12 | 165 | 130j6 | 200 | M10 | 12   | 3,5 | 310 | 531 |
| PSLg 132M-2,2A,4,4A,6 | B14/C1 | 216 | 56 | 178 | 89 | 38j6 | 80 | 10h9 | 41   | 132 | 16  | 12 | 215 | 180j6 | 250 | M12 | 12   | 4   | 310 | 531 |
| PSLg 132M-2,2A,4,4A,6 | B14/C2 | 216 | 56 | 178 | 89 | 38j6 | 80 | 10h9 | 41   | 132 | 16  | 12 | 165 | 130j6 | 200 | M10 | 12   | 3,5 | 310 | 531 |
| PSLg 132M-8           | B14/C1 | 216 | 56 | 178 | 89 | 38j6 | 80 | 10h9 | 41   | 132 | 16  | 12 | 215 | 180j6 | 250 | M12 | 12   | 4   | 310 | 501 |
| PSLg 132M-8           | B14/C2 | 216 | 56 | 178 | 89 | 38j6 | 80 | 10h9 | 41   | 132 | 16  | 12 | 165 | 130j6 | 200 | M10 | 12   | 3,5 | 310 | 501 |