

Type key for servomotors

M 25 6 B - B 1 0 - 0 0 - 0 0 0

Typ key of the series

- M - standard series with low inertia
- F - series of flat motor
- W - water cooled motors
- ML - motors series M with separate ventilation
- ME - built-in version of M motors
- FE - built-in version of F motors
- MA - servoactuators
- AM - dynamic series
- AF - compact series
- AMW - water cooled AM motors
- AFW - water cooled AF motors (compact)

Shaft height (mm)

- AM, AMW, M, W, ML, ME, MA - 25, 40, 50, 71, 90, (112-AM)
- AF, AFW, F, FE - 50, 63, 80, 100

Code number of the motor length

- M, W, ML, ME, MA, AM - 2, 4, 6, 8
- F, FE - 4, 6
- AF - 2, 3, 4
- AFW - 5, 7, 9

Voltage constant K_E (V/1000.min⁻¹)

- | | |
|---------|---------|
| B - 8,5 | W - 110 |
| C - 15 | L - 120 |
| D - 25 | N - 150 |
| E - 30 | O - 180 |
| F - 45 | P - 200 |
| G - 50 | R - 250 |
| H - 60 | S - 300 |
| K - 70 | U - 350 |
| V - 80 | Q - 400 |
| I - 90 | T - 500 |
| J - 100 | |

Brake

- 0 - without brake
- B - with brake
- K - with brake KEB

Feedback sensor

- | | |
|------------------------|---------------------------------|
| 0 - without sensor | 9 - another sensor |
| 1 - resolver 9,5 mm | A - resolver 8 mm (ATLAS-COPCO) |
| 2 - resolver 8 mm | B - resolver 34 mm |
| 3 - res. Sagem 8 mm | |
| 4 - resolver 10 mm | |
| 5 - resolver 12,7 mm | |
| 6 - res. Sagem 12,7 mm | |
| 7 - Heidenhain | |
| 8 - Stegmann | |

Surface finish

- 0 - AMERLOCK black
- 1 - surface finish for food industry
- 2 - S2043 / 1999 black
- 3 - no painted

Insulation system

- 1 - 310 V_{DC}
- 5 - 560 V_{DC}
- 7 - 700 V_{DC}
- 8 - 800 V_{DC}

Special version

- 0 - IP 54
- 1 - IP 65 without shaft extension
- 2 - special bearing assembly
- 3 - IP 65
- 4 - 3 + special part
- 5 - special D-end shield
- 6 - atypical part
- 7 - 3 + atypical part

Version of shaft extension

- 0 - without keyway
- 1 - with keyway
- 2 - special drilling
- 3 - special arrangement
- 4 - hollow shaft
- 5 - special arrangement with keyway (1+3)

Elektr. Anschluß

- 0 - direct connector
- 1 - by cable
- 2 - free outlets
- 3 - terminal box
- 4 - special connector
- 5 - inner terminal box
- 7 - right-angle connector
- 8 - right-angle connector swivel

Thermal protection:

- 0 - thermal switch
- 1 - thermistor NTC
- 2 - Thermistor PTC
- 3 - PT 100 + thermal switch
- 4 - thermal switch + thermal resistor
- 5 - without thermal sensor
- 6 - twice thermal sensor
- 7 - KTY