

BRAKES

Permanent magnet brake - High Torque Line

86 61116P00-0002

The permanent magnet brake High Torque Line stands for higher torque in the same installation space and with the same electrical power compared to a PM Line. Due to a new patented arrangement of the poles and the permanent magnets, the magnetic flux is ideally routed and generates enormous advantages



Features

- Higher torque with comparable size and power consumption
- Significantly extended operating temperature range in terms of operating voltage and torque from -15°C to +120°C and optionally down to -40°C possible (CCV)

DESCRIPTION	VALUE
Brake size	16
Torque	140 Nm
Torque definition	M4 (static)
Operation mode	Holding Brake
Nominal voltage	24 V
Nominal power	43 W
Max. switching energy per ES	5300 J
Number of emergency stops	500
Total work	2650 kJ
Temperature range	-15°C...120°C
Max. rotation speed	6000 min-1

E-Stop rotation speed	3000 min-1
Backlash	0°
Thermal class	F
IP Protection class	IP00
Brake type	P00
Armature type	800
Hub type	-
Hand release	-
Counter friction part	-
PWM control	possible
Outer diameter	160 mm
Inner diameter	63 mm
Lenght	74.6 mm
Hub diameter	45.5 mm
Keyway	-
Pitch circle front side	120 mm
Product Line	High Torque Line

CONTACT

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PRODUCT

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