BRAKES

Permanent magnet brake - High Torque Line

86 61109P00-0005

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 -40°C to +120°C

DESCRIPTION	VALUE
Brake size	09
Torque	22 Nm
Torque definition	M4 (static)
Operation mode	Holding Brake
Nominal voltage	24 V
Nominal power	19 W
Max. switching energy per ES	900 J
Number of emergency stops	500
Total work	450 kJ
Temperature range	-40°C...120°C
Max. rotation speed (depending on max.	10000 min-1

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switching work during emergency stop)	
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	92 mm
Inner diameter	32 mm
Lenght	38 mm
Hub diameter	26.2 mm
Keyway	-
Pitch circle front side	72 mm
Product Line	High Torque Line

CONTACT

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PRODUCT

https://www.kendrion.com/en/productfinder/group/product/brakes/86-61109p00-0005

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