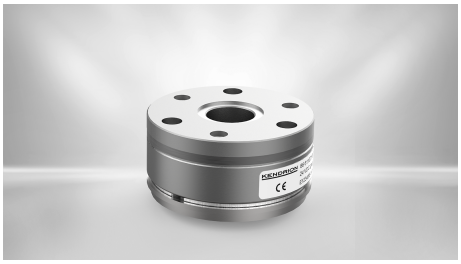
BRAKES

Permanent Magnet Brake - PM Line

86 61107H00-0064



The PM Line is a permanent magnet brake for direct current in which the braking effect is generated by a permanent magnetic field (system opened by electro-magnetic force). The brake thus acts in currentless state when switched off. To neutralize the braking effect, the permanent magnetic field is displaced by an opposing electromagnetic field. These brakes are particularly suitable for applications in the field of servomotors as holding brakes with emergency stop function.

Features

- Safe, residual torque-free opening in any mounting position
- Backlash-free transmission of the braking torque

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DESCRIPTION	VALUE
Brake size	07
Torque	11 Nm
Torque definition	M4 (static)
Operation mode	Holding Brake
Nominal voltage	24 V
Nominal power	16 W
Max. switching energy per ES	400 J
Number of emergency stops	500
Total work	200 kJ
Temperature range	-5°C...120°C
Max. rotation speed (depending on max. switching work during emergency stop)	10000 min-1
E-Stop rotation speed	3000 min-1
Backlash	0°
Thermal class	F
IP Protection class	IP00
Weight	0.6 kg
Brake type	611
Armature type	300
Hub type	-
Hand release	-
Counter friction part	-
PWM control	possible
Outer diameter	70 mm
Inner diameter	30 mm
Lenght	49.1 mm
Hub diameter	22 mm
Keyway	-
Pitch circle front side	61 mm
Product Line	PM Line

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PRODUCT

https://www.kendrion.com/en/productfinder/group/product/brakes/86-61107h00-0064

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