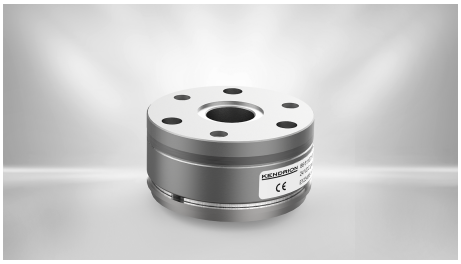
BRAKES

Permanent Magnet Brake - PM Line

86 62103H00-0008



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	03
Torque	0.4 Nm
Torque definition	M4 (static)
Operation mode	Holding Brake
Nominal voltage	24 V
Nominal power	6.2 W
Max. switching energy per ES	10 J
Number of emergency stops	500
Total work	5 kJ
Temperature range	-5°C...120°C
Max. rotation speed (depending on max. switching work during emergency stop)	16000 min-1
E-Stop rotation speed	3000 min-1
Backlash	0°
Thermal class	F
IP Protection class	IP00
Weight	0.07 kg
Brake type	621
Armature type	300
Hub type	-
Hand release	-
Counter friction part	-
PWM control	possible
Outer diameter	38.5 mm
Inner diameter	9 mm
Lenght	26.7 mm
Hub diameter	8 mm
Keyway	yes
Pitch circle flange side	33.5 mm
Product Line	PM Line

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PRODUCT

https://www.kendrion.com/en/productfinder/group/product/brakes/86-62103h00-0008

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