

BRAKES

Permanent magnet brake - High Torque Line

86 61104P00-0003

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	04
Torque	2.5 Nm
Torque definition	M4 (static)
Operation mode	Holding Brake
Nominal voltage	24 V
Nominal power	9 W
Max. switching energy per ES	30 J
Number of emergency stops	500
Total work	15 kJ
Temperature range	-40°C...120°C
Max. rotation speed (depending on max.	10000 min-1

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	44 mm
Inner diameter	14.9 mm
Lenght	26.9 mm
Hub diameter	10.2 mm
Keyway	-
Pitch circle front side	35 mm
Product Line	High Torque Line

CONTACT

Sales Team Kendrion Villingen

+49 (0) 7721 877-1417

sales-villingen-ib@kendrion.com

PRODUCT

<https://www.kendrion.com/en/productfinder/group/product/brakes/86-61104p00-0003>