

BRAKES

Spring Applied Brake - Servo Line

KS 10116A00-0001

The spring-applied brake of the Servo Line series was developed for integrated installation in servo motors. The holding brake with emergency stop function of the Servo Line is designed for both, A-side and B-side integrated installation in servo drives for dry running.



Features

- Rated air gap tolerance is reduced to a few hundredths of a millimeter, providing enhanced power density
- Toothed hub-friction disc connection with minimal backlash
- Standard version suitable for flange mounting and face mounting
- Guaranteed minimum torque over life-time

DESCRIPTION	VALUE
Brake size	16
Torque	70 Nm
Torque definition	M4 (static)
Operation mode	Holding Brake
Nominal voltage	24 V
Nominal power	37.6 W
Max. switching energy per ES	5000 J
Number of emergency stops	500
Total work	2500 kJ
Temperature range	-15...120°C
Max. rotation speed	3500 min ⁻¹
E-Stop rotation speed	1500 min ⁻¹
Backlash	< 1°
Thermal class	F
IP Protection class	IP00
Weight	6.9 kg
Brake type	KS 101
Armature type	-
Hub type	Short
Hand release	-
Counter friction part	Flange
PWM control	possible
Outer diameter	164 mm
Inner diameter	50 mm
Length	61.3 mm
Hub diameter	38 mm
Keyway	yes
Pitch circle front side	120 mm
Pitch circle flange side	151 mm

Product Line

Servo Line

CONTACT

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PRODUCT

<https://www.kendrion.com/en/productfinder/group/product/brakes/ks-10116a00-0001>