

## BRAKES

# Spring Applied Brake - Servo Line

KS 10019A00-0001

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	19
Torque	130 Nm
Torque definition	M4 (static)
Operation mode	Holding Brake
Nominal voltage	24 V
Nominal power	55 W
Max. switching energy per ES	10000 J
Number of emergency stops	500
Total work	5000 kJ
Temperature range	-15...120°C
Max. rotation speed	3500 min <sup>-1</sup>
E-Stop rotation speed	1500 min <sup>-1</sup>
Backlash	< 1°
Thermal class	F
IP Protection class	IP00
Weight	11.2 kg
Brake type	KS 100
Armature type	-
Hub type	Long
Hand release	-
Counter friction part	Flange
PWM control	possible
Outer diameter	188 mm
Inner diameter	57 mm
Length	76.3 mm
Hub diameter	50.5 mm
Keyway	-
Pitch circle front side	167 mm
Pitch circle flange side	175 mm

Product Line

Servo Line

## CONTACT

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## PRODUCT

<https://www.kendrion.com/en/productfinder/group/product/brakes/ks-10019a00-0001>