BRAKES

Spring Applied Brake - INTORQ BFK557

BFK557-10 H

Brakes are used for many applications that need to perform a holding function only. Except for the classic emergency stop situations, dynamic braking rarely occurs. Kendrion has launched a new brake series, the INTORQ BFK557, which is precisely tailored to these requirements. This series features friction linings designed for this purpose and can be used without any problems in speed-controlled motors (FI operating mode). The BFK557 also features the expected high-level emergency stopping energy of INTORQ spring-applied brakes. A friction lining which has a low tendency to stick was specially selected.

- Fail-safe spring-applied brake
- Flat, space saving design
- Maintenance-free
- Quick, easy installation
- Holding brake with emergency stop function
- Optimized for motors in FI operation
- Project solution as an operating brake is possible

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DESCRIPTION	VALUE
Brake size	10
Torque	16 Nm
Torque definition	M4 (static)
Operation mode	Holding Brake
Nominal voltage	24,103,180,205 V
Nominal power	27 W
Max. switching energy per ES	12000 J
Number of emergency stops	100
Temperature range	-20...50°C
E-Stop rotation speed	4000 min-1
Backlash	-
Thermal class	F
IP Protection class	IP00,IP55
Weight	2,58 kg
Brake type	-
Armature type	-
Hub type	-
Hand release	Optional
Counter friction part	Flange / Friction Disc
PWM control	possible
Outer diameter	127 mm
Lenght	47,2 mm
Hub diameter	11, 12, 14, 15, 20 mm
Keyway	DIN 6885
Pitch circle flange side	112 mm
Product Line	BFK557

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PRODUCT

https://www.kendrion.com/en/productfinder/group/product/brakes/bfk557-10-h

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