

BRAKES

Spring Applied Brake - INTORQ BFK457

BFK457-06

Do you need a spring-applied brake that reliably fulfills your desired basic functionality and can quickly be put to work? Then the BFK457 is the perfect match! The integrated fastening screws and fixed air gap ensure that it is easy to install. Its compact design helps to reduce costs and minimize installation space.

- 6 Sizes
- Replaceable rotor
- Mounted hand release (optional)
- Designed for 100% duty cycle
- Available as noise reduced double-brake <50dB(A)



DESCRIPTION	VALUE
Brake size	06
Torque	4 Nm
Torque definition	M2/MK (dynamic)
Operation mode	Operating Brake
Nominal voltage	24,205 V
Nominal power	20 W
Max. switching energy per ES	3000 J
Total work	85000 kJ
Temperature range	-20...40°C
Max. rotation speed (depending on max. switching work during emergency stop)	6000 min ⁻¹
E-Stop rotation speed	6000 min ⁻¹
Backlash	-
Thermal class	F
IP Protection class	IP00,IP55

Weight	0,9 kg
Brake type	-
Armature type	-
Hub type	-
Hand release	Optional
Counter friction part	Flange
PWM control	-
Outer diameter	84 mm
Lenght	39,3 mm
Hub diameter	11, 12, 14, 15 mm
Keyway	DIN 6885
Pitch circle front side	72 mm
Pitch circle flange side	72 mm
Product Line	BFK457

CONTACT

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PRODUCT

<https://www.kendrion.com/en/productfinder/group/product/brakes/bfk457-06-1>