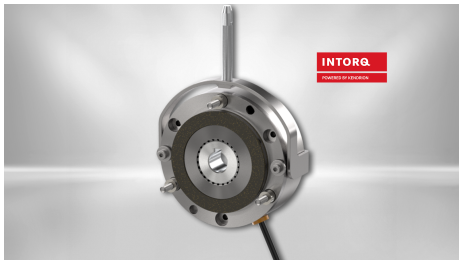
BRAKES

Spring Applied Brake - INTORQ BFK457

BFK457-14



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	14
Torque	60 Nm
Torque definition	M2/MK (dynamic)
Operation mode	Operating Brake
Nominal voltage	24,205 V
Nominal power	50 W
Max. switching energy per ES	30000 J
Total work	571000 kJ
Temperature range	-20...40°C
Max. rotation speed (depending on max. switching work during emergency stop)	3600 min-1
E-Stop rotation speed	3600 min-1
Backlash	-
Thermal class	F
IP Protection class	IP00,IP55

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Weight	7,1 kg
Brake type	-
Armature type	-
Hub type	-
Hand release	Optional
Counter friction part	Flange
PWM control	-
Outer diameter	165 mm
Lenght	74,3 mm
Hub diameter	20, 25, 30 mm
Keyway	DIN 6885
Pitch circle front side	145 mm
Pitch circle flange side	145 mm
Product Line	BFK457

CONTACT

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PRODUCT

https://www.kendrion.com/en/productfinder/group/product/brakes/bfk457-14-1

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