

## 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	90 Nm
Torque definition	M2/MK (dynamic)
Operation mode	Holding Brake
Nominal voltage	24,205 V
Nominal power	50 W
Max. switching Energy per ES	30000 J
Number of Emergency stops	500
Temperature range	-20...40°C
Max. rotation speed	3600 min-1
E-Stop rotation speed	3600 min-1
Backlash	-
Thermal class	F
IP Protection class	IP00,IP55

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

## CONTACT

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## PRODUCT

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