

BRAKES

Spring Applied Brake - INTORQ BFK470

BFK470-18

Whenever the going gets tough, our BFK470 spring-applied brakes promise reliable performance. We have designed this IP66-sealed product line especially for dusty or humid operating conditions – such as wind power or crane facilities. Even extreme temperatures don't bother these brakes. They feature consistent protection and a unique modularity. You benefit from optimal versatility by using components which are freely configurable with each other. In other words, you get many variation options, all with rapid delivery times.

- 7 sizes
- Simple mounting, no air gap adjustment required
- Inductive proximity sensor for functional monitoring
- Increased maximum torques and long service life thanks to the optimized mechanical construction



DESCRIPTION	VALUE
Brake Size	18
Torque	150 Nm
Torque definition	M2/MK (dynamic)
Operation mode	Operating Brake
Nominal voltage	24,103,180,205 V
Nominal power	85 W
Max. switching Energy per ES	60000 J
Total work	1542000 kJ
Temperature range	-20...40
Max. rotation speed	3600 min-1
E-Stop rotation speed	3600 min-1
Backlash	-

Thermal class	F
IP Protection class	IP66
Weight	20 kg
Brake type	-
Armature type	-
Hub type	-
Hand release	Optional
Counter friction part	Flange
PWM control	possible
Outer diameter	226 mm
Lenght	89,1 mm
Hub diameter	40 mm
Keyway	25,28,30,32,35,38,40,42,45, DIN 6885
Pitch circle flange side	196 mm

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PRODUCT

<https://www.kendrion.com/en/productfinder/group/product/brakes/bfk470-18-1>