

BRAKES

Spring Applied Brake - INTORQ BFK470

BFK470-10

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	10
Torque	16 Nm
Torque definition	M2/MK (dynamic)
Operation mode	Operating Brake
Nominal voltage	24,103,180,205 V
Nominal power	30 W
Max. switching energy per ES	12000 J
Total work	264000 kJ
Temperature range	-20...40°C, -40...40°C
Max. rotation speed	4000 min ⁻¹
E-Stop rotation speed	4000 min ⁻¹
Backlash	-

Thermal class	F
IP Protection class	IP66
Weight	4 kg
Brake type	-
Armature type	-
Hub type	-
Hand release	Optional
Counter friction part	Flange
PWM control	possible
Outer diameter	130 mm
Lenght	55,7 mm
Hub diameter	14 mm
Keyway	11,12,14,15,16,17,18,19,20, DIN 6885
Pitch circle flange side	112 mm
Product Line	BFK470

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PRODUCT

<https://www.kendrion.com/en/productfinder/group/product/brakes/bfk470-10-1>