

BRAKES

Spring Applied Brake - INTORQ BFK551

33008147

This spring-applied brake was developed as a dynamic or holding brake with emergency stop function. Due to its compact design, it can be easily integrated on the motor shaft in new or existing drives. Connection cables can be routed past the housing through recesses.



Features

- Completely assembled with integrated Torx® fastening screws
- Compact design with rotor and flange
- Simple mounting
- Manual release available for sizes 03/04/05
- Customization possible

| DESCRIPTION | VALUE |
|------------------------------|------------------------|
| Brake size | 03 |
| Torque | 1 Nm |
| Torque definition | M2/MK (dynamic) |
| Operation mode | Holding Brake |
| Nominal voltage | 205 V |
| Nominal power | 9.3 W |
| Max. switching energy per ES | 800 J |
| Number of emergency stops | 1000 |
| Temperature range | -20...40°C |
| Max. rotation speed | 5000 min ⁻¹ |
| E-Stop rotation speed | 5000 min ⁻¹ |

| | |
|--------------------------------|-------------------|
| Backlash | - |
| Thermal class | F |
| IP Protection class | IP00,IP55 |
| Weight | 0.32 kg |
| Brake type | - |
| Armature type | - |
| Hub type | - |
| Hand release | - |
| Counter friction part | Flange |
| PWM control | possible |
| Outer diameter | 56 mm |
| Lenght | 31.8 mm |
| Keyway | 6,7,8,10 DIN 6885 |
| Pitch circle front side | 48 mm |
| Product Line | BFK551 |

CONTACT

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PRODUCT

<https://www.kendrion.com/en/productfinder/group/product/brakes/33008147>