

ECl-Brake

24 V DC



- The spring applied brakes are single-disc brakes with two friction surfaces.
- The braking torque is generated by compression springs.
- The brake is released electromagnetically. Braking occurs when the supply voltage is switched off.
- Protection class IP 00.
- Insulation class F.

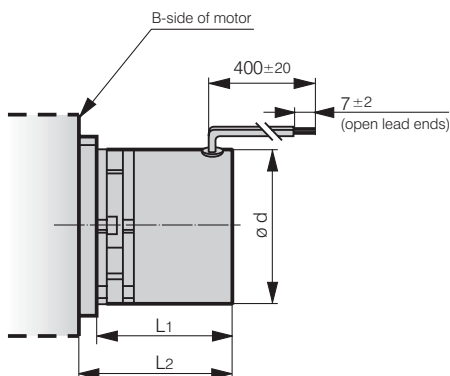
Nominal Data

Type		BFK 457-03
Nominal power*	W	9.0
Nominal torque of brake**	Nm	0.50
Engagement time	ms	12.5
Disengagement time	ms	18
Maximum speed	min ⁻¹	5 000
Mass	kg	0.40
d	mm	56.0
L1	mm	31.8
L2	mm	38.0
Motor Series***		ECl 63

* Nominal power of the coil at 20 °C.

** Nominal torque of brake, referring to a speed of 100 min⁻¹.

*** Brake for motors available on request.



Note:

Only one accessory component (brake or sensor) can be mounted onto a motor at a time.