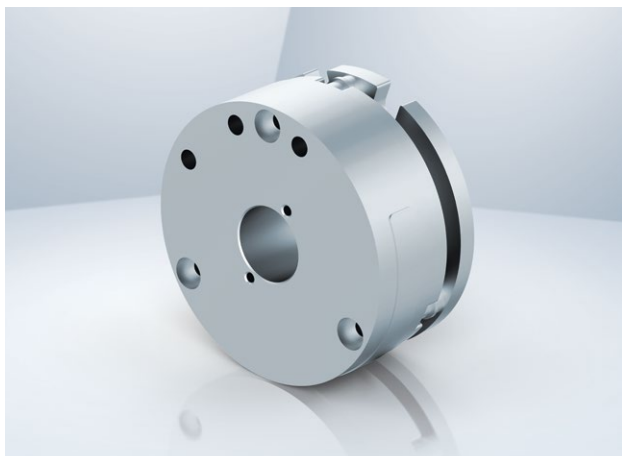


Brakes.



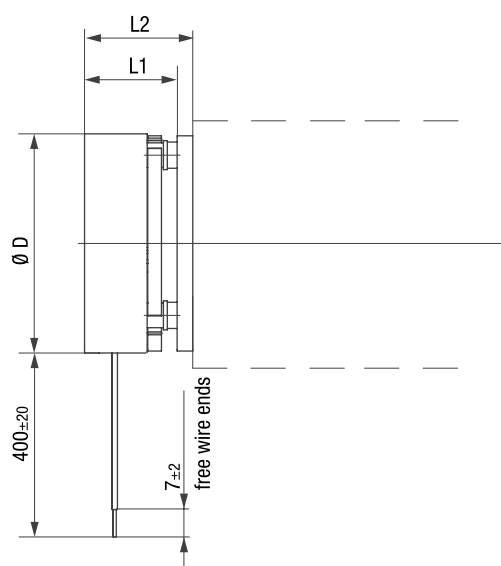
- Spring-applied brake
- Single-disk brakes with 2 friction contact surfaces
- Braking torque effective in powerless state
- Braking force is eliminated by electromagnetic force
- Holding brake with emergency stop function
- Currentless-operated brake with high power density
- Braking torque applied by spring force
- Reduced inertia for optimum dynamics

Brake system				
		external BFK 457-01 for ECI 42	external BFK 457-03 for ECI 63	integrated Brake module ECI 63-K4
Nominal voltage	V DC	24	24	24
Nominal power	W	5.00	9.00	10.00
Braking torque	Nm	0.12	1.00	1.00
Engagement time	ms	11.0	12.5	20.0
Disengagement time	ms	17.0	18.0	35.0
Subject to alterations				
Preferred type: ready to ship in 48 hours				

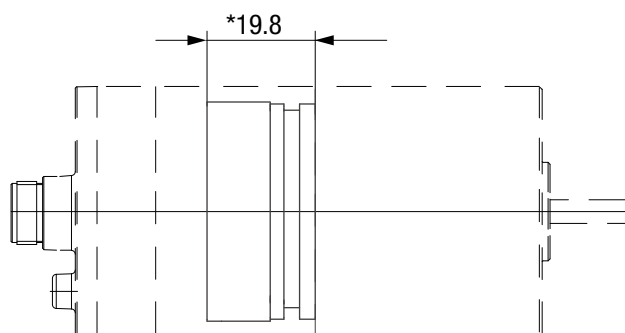
Technical drawing / external

All dimensions in mm

Brake mounted



Brake integrated



Brake type	Ø D	L1	L2
BFK 457-01 (ECI-42.XX)	37	31.3	35.3
BFK 457-03 (ECI-63.XX)	56	27.7	37.3

* Installing the brake module extends the length of the drive housing by 20 mm

Electrical connection

Connection cable

Color	Function
red	Power supply
black	GND