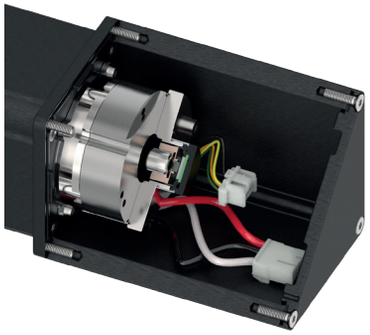
Brake AB 42 S 24 VDC, 1.4 Nm



Wichtige Hinweise

- Spring-loaded brake - single-face brake for DC (dry operation). Braking in unpowered condition.
- Holding brake, prevents rotation of the shaft at standstill or with turned off motor power.
- Not suitable for dynamic braking.
- Not backlash-free +/- 1° (max.).

Stock program
Standard program
Special program (on request)

Part Numbers

x drives

Type

maxon Modular System

+ Motor	Page	+ Gearhead	Page	+ Sensor	Page	Overall length [mm] / • see Gearhead
IDX 56 M						online
IDX 56 L						online

maxon Modular System

+ Motor	Page	+ Gearhead	Page	+ Sensor	Page	Overall length [mm] / • see Gearhead
IDX 56 M						online
IDX 56 L						online

Technical Data				Pin Allocation
Max. permissible static torque at 20°C	1.4 Nm	Nominal voltage, smoothed	24 VDC -10 ... +5%	online
Mass inertia	6.1 gcm²	Resistance	R_{20} = 82.6 Ω +10%	
Max. speed	8000 rpm	Duty cycle	100%	
Weight	0.14 kg	Reaction time – Coupling	≤ 30 ms	
Ambient temperature range	-40...+120°C	– Opening	≤ 30 ms	