

ASB42C048060-ENM

BRUSHLESS DC MOTOR WITH IP65 WITH ENCODER



NEMA 17 BLDC motor in size NEMA 17 (42 mm) with protection class IP65 (except shaft output). With M16 and M12 connectors for power and rotary encoder.

For higher torques and a wider performance range we offer planetary gearboxes with an identical construction.

Technical parameters

Flange	42 mm	Weight	0.75 kg
Size	NEMA 17	Rated voltage	48 V
Rated power	160 W	Peak torque	75 Ncm
Rated current	4.63 A	Peak current	53.85 A
IP-protection motor	IP65	Rated Speed	6000 rpm
Rotor inertia	96 gcm ²	Line to line resistance	0.58 Ohm
Line to line inductance	1.21 mH	Length	121 mm
Rated torque	25 Ncm	Encoder	yes
Torque constant	5.4 Ncm/A	Operating voltage	5 V
Encoder type	incremental	Encoder resolution	1024 CPR

Dimensions

