

38mm Brushless DC Motor



3825

General Specifications

Number of phases	3
Number of poles	2
Operating temperature range	-30°C ~ 85°C
Commutation	Electrically commutated
Bearing type	Shielded ball bearing or sleeve bearing
Housing material	Black anodized aluminum
Magnet material	Sintered Nd-Fe-B
Direction of rotation	Reversible
Insulation Class	Class B (130°C max.)
Dielectric strength	500 VDC for one minute
Insulation resistance	100Mohms min., 500VDC

Model		TBL3825-12-003	TBL3825-12-007			
Nominal Voltage	V	12	12			
Rated Speed	RPM	1200	3000			
Rated Current	A	0.28	0.6			
Rated Torque	mNm	180	200			
Output Power	W	3	7			
No-Load Speed	RPM	1700	4500			
No-Load Current	A	0.07	0.07			

Outline Drawing



