

BLDC Motor · B02914NH2B- · \varnothing 29 mm

Specifications Please consult your authorized sales representative for custom specifications.

Type	55-24.0-001		
Rated voltage	U	V	24
Terminal resistance	R	Ohm	12
No load speed	n_0	rpm	5540
No load current	I_0	mA	75
Stall torque	T_s	mNm	76.61
Rated torque	T	mNm	12
Rated speed	n	rpm	4600
Rated current	I	mA	380
Power	$P_{max.}$	W	5.9
Max. efficiency	η	%	65
Back-EMF constant	K_E	mV/rpm	4.168
Torque constant	K_T	mNm/A	39.8
Rotor inertia	J_{Rotor}	gcm ²	23
Speed regulation constant	$\Delta n / \Delta T$	rpm/mNm	72.34
Weight		g	51
Length	L	mm	14
Operational conditions*			
Temperature range	T	°C	-20 ~ +100
Axial force dynamic	F_{Adyn}	N	0.2
Axial force static	F_{St}	N	60
Radial force at 3 mm from mounting face	F_R	N	0.8

* at 25° C

Commutation	Hallsensor
Max. winding temperature	130 °C
Protection class	IP 40
Bearings	1 sleeve bearings

Dimension (mm) · B02914NH2B:

