

BLDC Motor · B02826N2B- · \varnothing 28 mm

Specifications Please consult your authorized sales representative for custom specifications.

Type	115-11.0-001		
Rated voltage	U	V	12
Terminal resistance	R	Ohm	0.11
No load speed	n_0	rpm	11500
No load current	I_0	mA	800
Stall torque	T_s	mNm	1070
Rated torque	T	mNm	84
Rated speed	n	rpm	10600
Rated current	I	mA	9.3
Power	$P_{max.}$	W	93
Max. efficiency	η	%	84
Back-EMF constant	K_E	mV/rpm	1.04
Torque constant	K_T	mNm/A	9.91
Rotor inertia	J_{Rotor}	gcm ²	32
Speed regulation constant	$\Delta n / \Delta T$	rpm/mNm	10.7
Weight		g	47
Length	L	mm	26.6
Operational conditions*			
Temperature range	T	°C	-20 ~ +100
Axial force dynamic	F_{Adyn}	N	2
Axial force static	F_{St}	N	100
Radial force at 3 mm from mounting face	F_R	N	10

* at 25° C

Commutation	sensorless
Max. winding temperature	130 °C
Protection class	IP 40
Bearings	2 Ball bearings

Dimension (mm) · B02826N2B:

