

DC Motor · 2543N9C2B- · \varnothing 25 mm

Specifications Please consult your authorized sales representative for custom specifications.

Type	118-12.0-001		
Rated voltage	U	V	12
Terminal resistance	R	Ohm	0.732
No load speed	n_0	rpm	11800
No load current	I_0	mA	70
Stall torque	T_s	mNm	158
Rated torque	T	mNm	22
Rated speed	n	rpm	9400
Rated current	I	mA	2.35
Power	$P_{max.}$	W	21.6
Max. efficiency	η	%	87
Back-EMF constant	K_E	mV/rpm	1.01
Torque constant	K_T	mNm/A	9.67
Rotor inertia	J_{Rotor}	gcm ²	75
Speed regulation constant	$\Delta n / \Delta T$	rpm/mNm	40
Weight		g	35
Length	L	mm	43.5
Operational conditions*			
Temperature range	T	°C	-20 ~ +100
Axial force dynamic	F_{Adyn}	N	2
Axial force static	F_{St}	N	20
Radial force at 3 mm from mounting face	F_R	N	20

* at 25° C

Protection class	IP 40
Bearings	2 ball bearings

Dimension (mm) · 2543N9C2B:

