

# DC Motor · 0716N5M- · $\varnothing$ 7 mm

**Specifications** Please consult your authorized sales representative for custom specifications.

Type			224-3.0-001	235-6.0-001
Rated voltage	U	V	3	6
Terminal resistance	R	Ohm	5.5	17.5
No load speed	$n_0$	rpm	22400	23500
No load current	$I_0$	mA	25	12
Stall torque	$T_s$	mNm	0.64	0.78
Rated torque	T	mNm	0.15	0.2
Rated speed	n	rpm	16600	16600
Rated current	I	mA	150	100
Power	$P_{max.}$	W	0.41	0.51
Max. efficiency	$\eta$	%	59	66
Back-EMF constant	$K_E$	mV/rpm	0.128	0.25
Torque constant	$K_T$	mNm/A	1.22	2.35
Rotor inertia	$J_{Rotor}$	gcm <sup>2</sup>	0.02	0.02
Speed regulation constant	$\Delta n / \Delta T$	rpm/mNm	35000	35000
Weight		g	3.2	3.2
Length	L	mm	16.6	16.6
<b>Operational conditions*</b>				
Temperature range	T	°C	-20 ~ +65	
Axial force dynamic	$F_{Adyn}$	N	0.1	
Axial force static	$F_{St}$	N	4	
Radial force at 3 mm from mounting face	$F_R$	N	0.3	

\* at 25°C

Commutator	metal 5 segments
Max. winding temperature	100 °C
Protection class	IP 20
RFI protection	No
Bearings	2 sintered bronze

## Dimension (mm) · 0716N5M:

