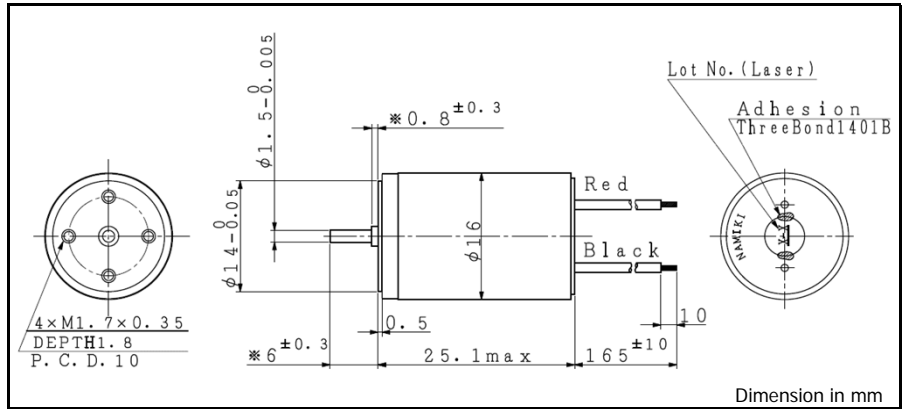


CMS 16-25 $\phi 16$, 0.92 mNm

Precious metal commutation, Sleeve bearing



For combination with gearhead: SSG15, SPG16

Ordering number	CMS16-2505	CMS16-2511	CMS16-2549	
1 Nominal voltage	7.4	12.0	24.0	V
2 Rated torque	0.881	0.926	0.873	mNm
3 Rated speed	7000	7700	8100	rpm
4 Rated current	102	72	36	mA
5 No load speed	7500	8300	8700	rpm
6 No load current	7	5	3	mA
7 Stall torque	13.11	14.39	12.87	mNm
8 Stall current	1.41	1.05	0.49	A
9 Output power	2.6	3.1	2.9	W
10 Max. efficiency	86	87	86	%
11 Terminal resistance	5.24	11.44	48.52	Ω
12 Friction torque	0.07	0.07	0.07	mNm
13 Back-EMF constant	0.978	1.443	2.739	mV/rpm
14 Torque constant	9.34	13.78	26.15	mNm/A
15 Slope of N-T curve	574	575	677	rpm/mNm
16 Mechanical time constant	4.33	4.33	4.45	ms
17 Rotor inertia	0.72	0.72	0.63	gcm ²
18 Max. torque	6.55	7.19	6.43	mNm

Mechanical data

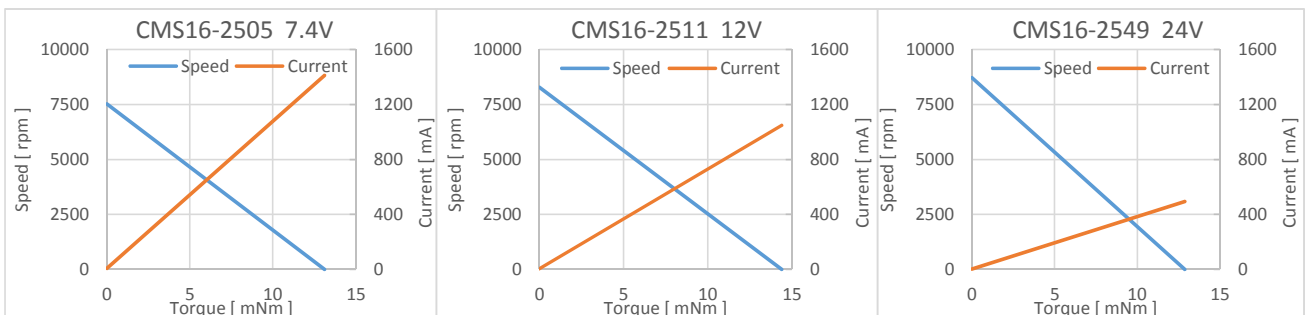
19 Shaft radial play	0.05	mm
20 Shaft axial play	0.03 ~ 0.2	mm
21 Max. shaft radial load	0.03 (5 mm)	N
22 Max. shaft axial load	0.1	N
23 Max. shaft axial load at standstill	4.9	N

Environmental specifications

24 Operating temperature	-20 ~ 60	$^{\circ}\text{C}$
25 Max. coil temperature	80	$^{\circ}\text{C}$

Other specifications

26 Weight	28	g
27 Number of segments	5	
28 Bearing type	Sintered sleeve	



V01

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Specifications are subject to change without notice.