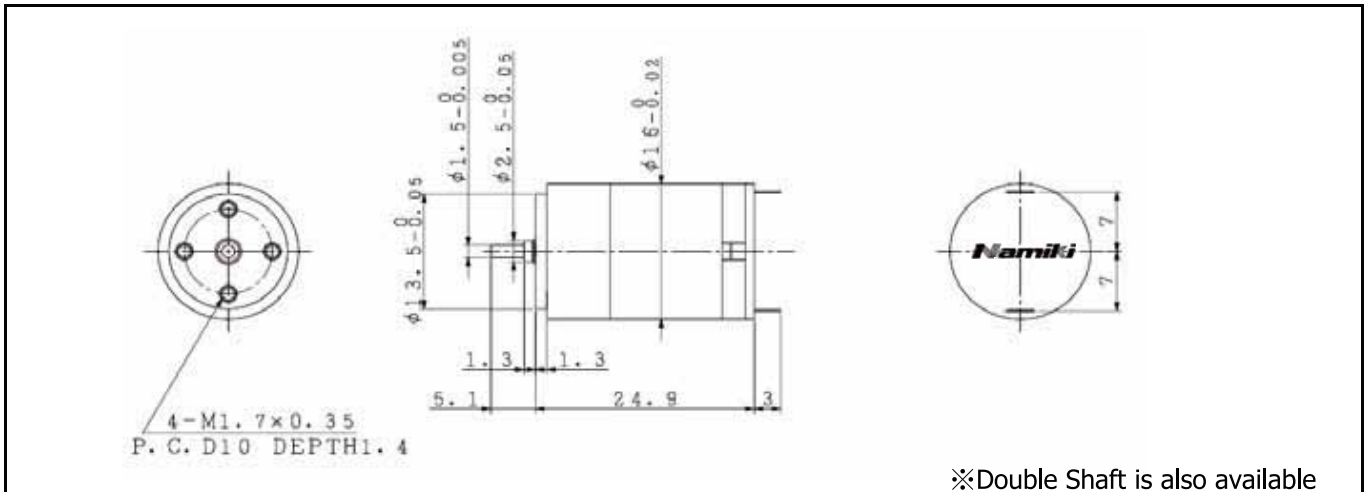


# CGE16-25 2.0W

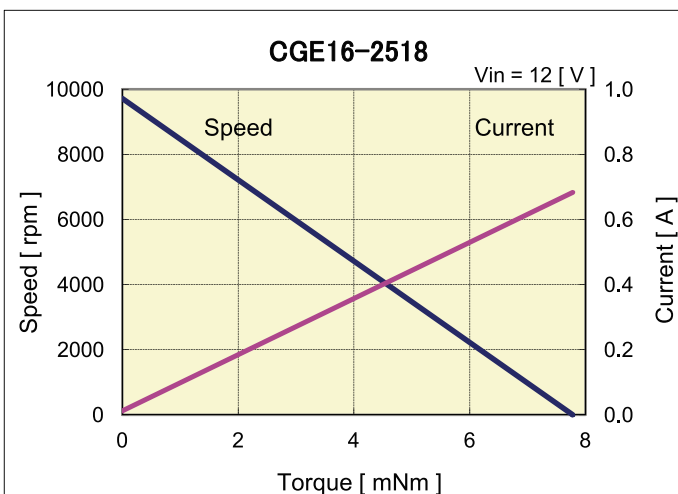
Precious metal commutation  
RoHS COMPLIANT

Special Specification



Combination : Gearhead...SPG16, SSG15 , Encoder...EHM12-3F

Ordering number	CGE16-2501	CGE16-2502	CGE16-2504	CGE16-2518	CGE16-2549	CGE16-2591	
1 Nominal voltage	3.6	4.5	6	12	18	24	V
2 Terminal resistance	1.44	2.23	3.92	17.56	48.97	90.86	Ω
3 Max. output power	2.19	2.20	2.23	1.99	1.59	1.52	W
4 Max. efficiency	76.7	76.6	76.6	75.5	73.6	72.6	%
5 No-load speed	9574	9789	9901	9718	9219	9511	rpm
6 No-load current	0.038	0.031	0.024	0.012	0.007	0.006	A
7 Stall torque	8.71	8.57	8.57	7.78	6.58	6.09	mNm
8 Friction Torque	0.14	0.14	0.14	0.14	0.14	0.14	mNm
9 Back-EMF constant	0.370	0.453	0.597	1.214	1.913	2.468	mV/rpm
10 Torque constant	3.54	4.32	5.70	11.59	18.27	23.57	mNm/A
11 Slope of N-T curve	1099	1143	1155	1249	1401	1562	rpm/mNm
12 Mechanical time constant	8.45	8.26	8.16	8.17	8.31	8.48	ms
13 Rotor inertia	0.734	0.690	0.674	0.625	0.567	0.519	gcm <sup>2</sup>



V01

Specifications subject to change without notice