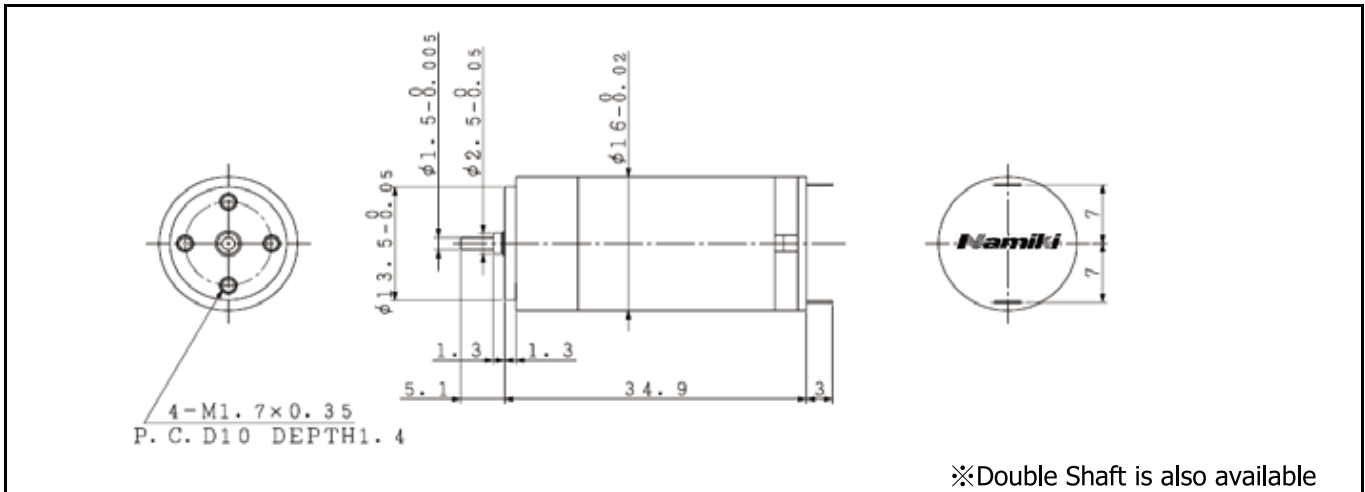


CGE16-35 3.0W

Precious metal commutation

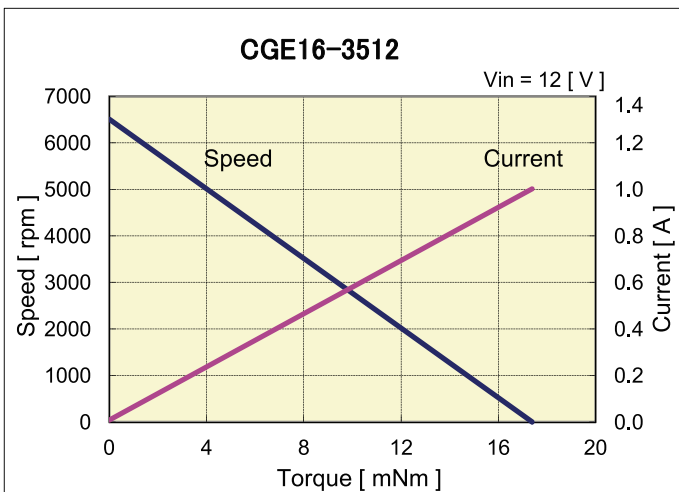
RoHS COMPLIANT

Special Specification



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

Ordering number	CGE16-3502	CGE16-3503	CGE16-3506	CGE16-3512	CGE16-3529	CGE16-3547	
1 Nominal voltage	4.8	6	9	12	18	24	V
2 Terminal resistance	1.90	2.96	6.46	11.97	28.67	46.97	Ω
3 Max. output power	3.00	3.00	3.10	2.97	2.79	3.03	W
4 Max. efficiency	83.9	83.9	83.7	83.2	82.9	83.1	%
5 No-load speed	5951	6008	6332	6505	6327	6714	rpm
6 No-load current	0.018	0.014	0.010	0.008	0.005	0.004	A
7 Stall torque	19.17	19.04	18.64	17.39	16.79	17.17	mNm
8 Friction Torque	0.14	0.14	0.14	0.14	0.14	0.14	mNm
9 Back-EMF constant	0.801	0.992	1.411	1.831	2.822	3.547	mV/rpm
10 Torque constant	7.65	9.47	13.47	17.48	26.95	33.87	mNm/A
11 Slope of N-T curve	310	316	340	374	377	391	rpm/mNm
12 Mechanical time constant	4.07	4.01	3.98	3.99	4.01	4.04	ms
13 Rotor inertia	1.252	1.215	1.118	1.018	1.017	0.986	gcm ²



V01

Specifications subject to change without notice