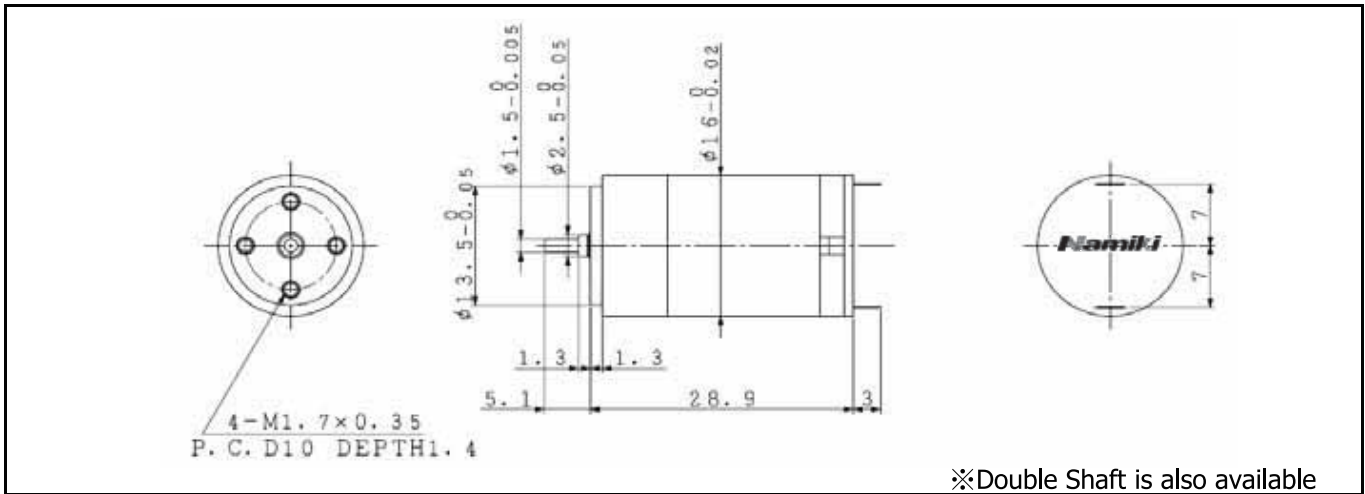


CGR16-29 2.0W Quick Response Type

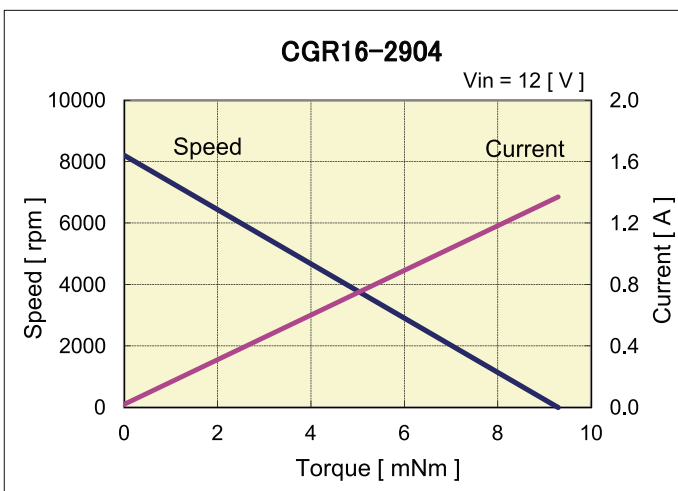
Precious metal commutation

Special Specification



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

Ordering number		CGR16-2902	CGR16-2903	CGR16-2904	CGR16-2907	CGR16-2910	
1	Nominal voltage	3.6	4.8	6	7.2	9	V
2	Terminal resistance	1.83	2.77	4.38	7.43	9.84	Ω
3	Max. output power	1.72	2.03	2.00	1.69	2.00	W
4	Max. efficiency	77.0	77.7	77.4	76.2	76.8	%
5	No-load speed	7385	8065	8211	7810	8743	rpm
6	No-load current	0.030	0.024	0.020	0.016	0.014	A
7	Stall torque	8.89	9.57	9.29	8.26	8.72	mNm
8	Friction Torque	0.14	0.14	0.14	0.14	0.14	mNm
9	Back-EMF constant	0.480	0.587	0.720	0.907	1.014	mV/rpm
10	Torque constant	4.59	5.60	6.88	8.66	9.68	mNm/A
11	Slope of N-T curve	831	843	884	945	1003	rpm/mNm
12	Mechanical time constant	3.94	3.90	3.90	3.91	3.96	ms
13	Rotor inertia	0.453	0.442	0.422	0.395	0.377	gcm ²



V01

Specifications subject to change without notice