

SONTH

武汉尚斯机电有限公司

Sonth (HK) Industrial Co.,Ltd

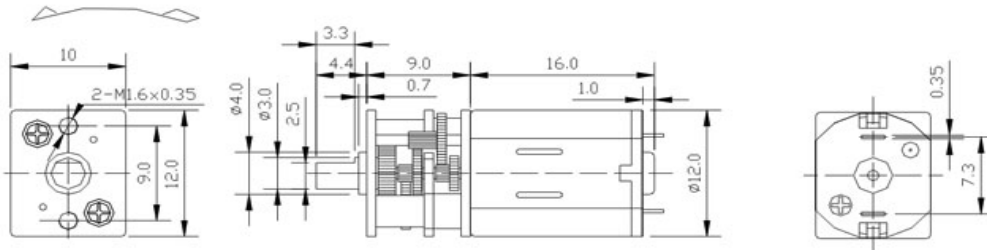
SG12-N20: dc spur gear motor



Description

- 1.Diameter: 12mm
- 2.Voltage: 5V (1.5~12V)
- 3.Input speed: 14500rpm (6000~25000rpm)
- 4.Reduction ratio: 1/50,1/100,1/150,1/298,1/1000....
- 5.Output speed: 5~500rpm
- 6.Rated torque: 0.2~0.4Kg.cm
- 7.Can match encoder
- 8.Specs can be customized for you

DIRECTION OF ROTATION



UNIT:Millimeters WEIGHT:10g(APPROX)

Reduction Ratio	Gearbox Length L= mm	No load Speed/rpm	Voltage 5V,Input 14500rpm (1.5V,3V,4.5V,5V,6V,9V,12V)				Stall	
			Speed/rpm	Current/A	Torque/Kg.cm	Power/W	Current/A	Torque/Kg.cm
1/3	9	4800	3840	0.2	0.02	0.07	0.6	0.06
1/5	9	2900	2320	0.2	0.03	0.07	0.6	0.09
1/10	9	1450	1160	0.2	0.05	0.07	0.6	0.25
1/20	9	725	580	0.2	0.08	0.07	0.6	0.25
1/30	9	480	380	0.2	0.10	0.07	0.6	0.30
1/50	9	290	230	0.2	0.15	0.07	0.6	0.40
1/63	9	230	180	0.2	0.18	0.07	0.6	0.40
1/100	9	145	116	0.2	0.20	0.07	0.6	0.40
1/150	9	96	77	0.2	0.25	0.07	0.6	0.40
1/210	9	70	56	0.2	0.25	0.07	0.6	0.40
1/250	9	58	46	0.2	0.25	0.07	0.6	0.40
1/298	9	48	38	0.4	0.25	0.07	0.6	0.40
1/380	9	38	30	0.4	0.30	0.07	0.6	0.40
1/1000	11	14	11	0.4	0.30	0.07	0.6	0.50

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