About PMDC Brushed Motor

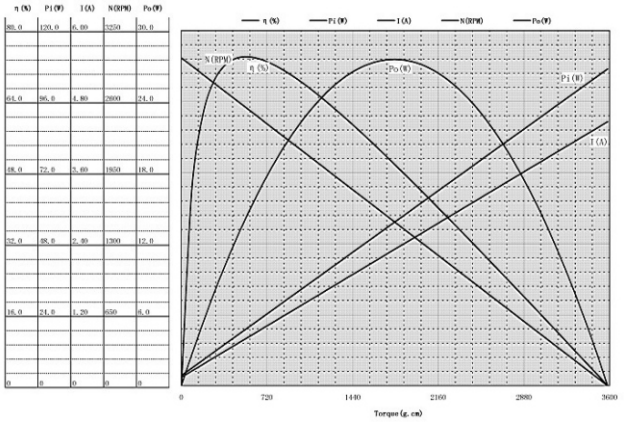
The brushed DC motor generates torque directly from DC power supplied to the motor by using internal commutation, stationary permanent magnets, and rotating electrical magnets. Our PMDC Motor using a tubular steel housing, which has a better sealability of magnetism, and it causes a higher efficiency. Furthermore, we can provide a solution of renewable brushes,to ach.

ZYTD50S-R Series Brushed dc motor

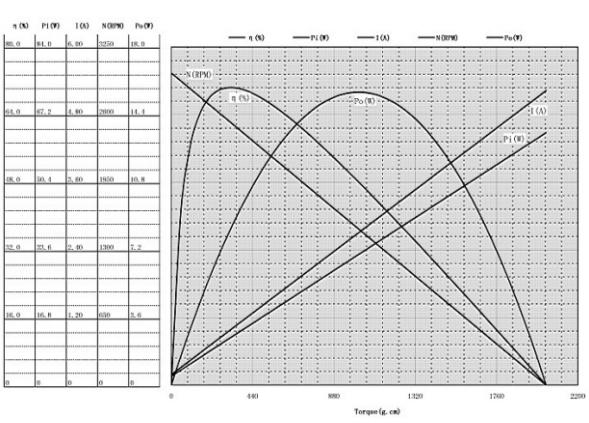
Part no	Rated voltage	No load speed	No load current	Rated speed	Rated torque	Rated current	Rated Output	Max Output	Stall torque	Stall current
ZYTD50S-R-120	12VDC	2000RPM	0.117A	1630RPM	285g.cm	0.583A	4.8W	6.8W	1582g.cm	2.517A
ZYTD50S-R-130	12VDC	3000RPM	0.217A	2570RPM	285g.cm	0.908A	7.5W	10.0W	1725g.cm	4.125A
ZYTD50S-R-170	12VDC	7000RPM	0.758A	5940RPM	285g.cm	2.533A	17.4W	24.0W	1658g.cm	10.50A
ZYTD50S-R-220	24VDC	2000RPM	0.058A	1670RPM	285g.cm	0.275A	4.8W	7.7W	1892g.cm	1.425A
ZYTD50S-R-230	24VDC	3000RPM	0.075A	2445RPM	675g.cm	0.942A	16.9W	19.4W	3046g.cm	3.592A
ZYTD50S-R-245	24VDC	4500RPM	0.175A	3770RPM	675g.cm	1.442A	26.1W	30.6W	3661g.cm	6.383A

Remark: the explanation of part no, for example, 130C, 1 means the nominal voltage is 12VDC, while 2 means the nominal voltage is 24VDC,30 means the no load speed is 3000RPM, while 40 means the no load speed is 4000RPM,C means the bru hes of motor is renewable.

Performance Curves

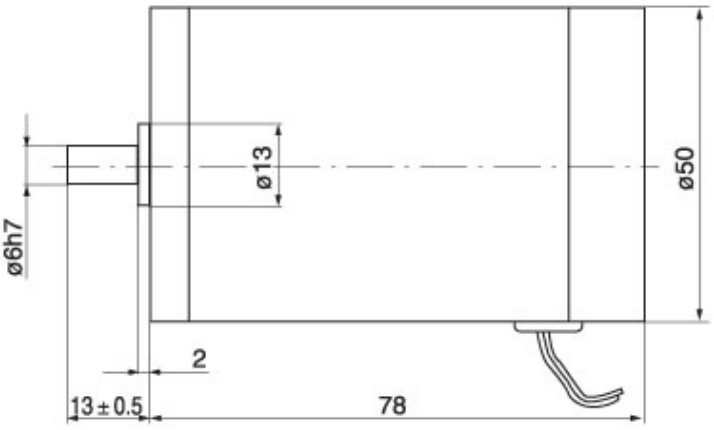


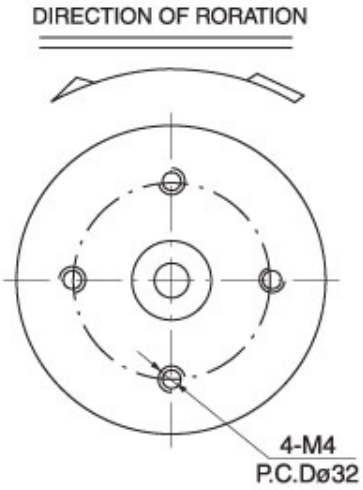
ZYTD50S-130



ZYTD50S-230

External Dimension:





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