

**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.

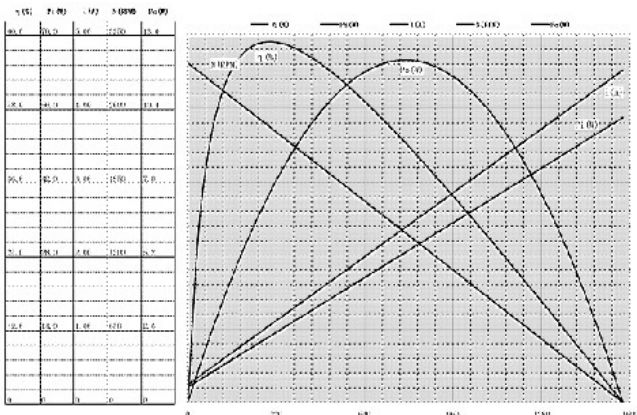


**ZYTD38S-1-R Series Brushed dc motor**

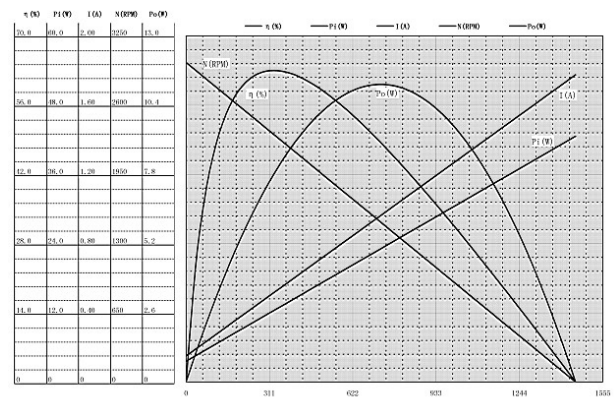
Part no	Rated voltage	No load speed	No load current	Rated speed	Rated torque	Rated current	Rated Output	Max Output	Stall torque	Stall current
ZYTD38S-1-R-135	12VDC	3500RPM	0.292A	3000RPM	152g.cm	0.672A	4.6W	6.5W	890g.cm	2.734A
ZYTD38S-1-R-150	12VDC	5000RPM	0.417A	4030RPM	152g.cm	0.932A	6.2W	8.5W	850g.cm	3.550A
ZYTD38S-1-R-165	12VDC	6500RPM	0.542A	5170RPM	152g.cm	1.228A	8.1W	9.9W	743g.cm	4.127A
ZYTD38S-1-R-240	24VDC	4000RPM	0.125A	3520RPM	152g.cm	0.347A	5.5W	10.3W	1450g.cm	2.150A
ZYTD38S-1-R-250	24VDC	5000RPM	0.125A	4550RPM	152g.cm	0.500A	7.0W	17.0W	1787g.cm	3.542A
ZYTD38S-1-R-260	24VDC	6000RPM	0.250A	5300RPM	152g.cm	0.517A	8.3W	18.7W	1730g.cm	3.902A

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 brushes of motor is renewable.

**Performance Curves**



ZYTD38S-1-R-165



ZYTD38S-1-R-260

**External Dimension:**

