

**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.

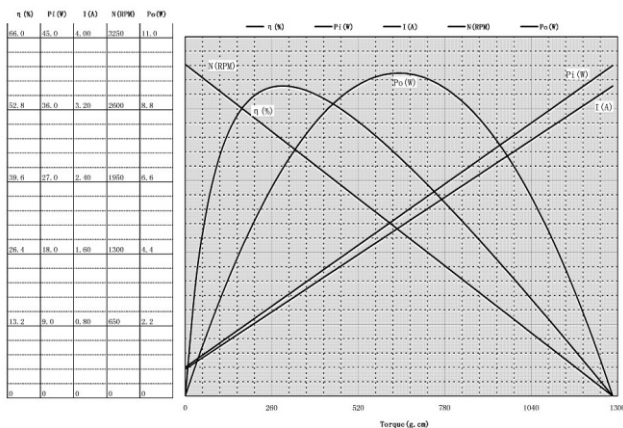


**ZYTD38S-R Series Brushed dc motor**

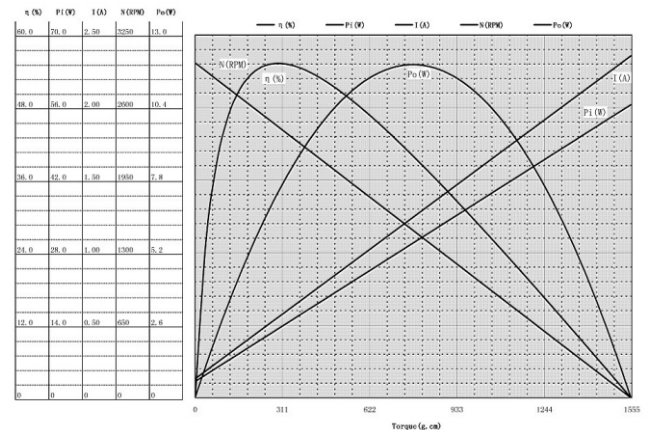
Part no	Rated voltage	No load speed	No load current	Rated speed	Rated torque	Rated current	Rated Output	Max Output	Stall torque	Stall current
ZYTD38S-R-120	12VDC	2000RPM	0.173A	1560RPM	135g.cm	0.326A	2.6W	3.0W	520g.cm	0.923A
ZYTD38S-R-130	12VDC	3000RPM	0.284A	2580RPM	135g.cm	0.519A	3.5W	4.8W	604g.cm	1.630A
ZYTD38S-R-140	12VDC	4000RPM	0.365A	2820RPM	204g.cm	0.923A	5.9W	6.6W	520g.cm	2.092A
ZYTD38S-R-160	12VDC	6000RPM	0.600A	4430RPM	204g.cm	1.555A	9.2W	11.7W	678g.cm	3.917A
ZYTD38S-R-220	24VDC	2000RPM	0.087A	1560RPM	135g.cm	0.164A	2.6W	3.0W	520g.cm	0.462A
ZYTD38S-R-230	24VDC	3000RPM	0.142A	2580RPM	135g.cm	0.260A	3.5W	4.8W	604g.cm	0.815A
ZYTD38S-R-240	24VDC	4000RPM	0.183A	2820RPM	204g.cm	0.462A	5.9W	6.6W	520g.cm	1.046A
ZYTD38S-R-260	24VDC	6000RPM	0.600A	4430RPM	204g.cm	0.778A	9.2W	11.7W	678g.cm	1.959A

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-R-130



ZYTD38S-R-230

**External Dimension:**

