

# PM054TP

## DC Brush Motor



### ● General information

- ▶ Ball bearing
- ▶ Ceramic magnet
- ▶ 11 slot Armature
- ▶ Copper-Graphnite Brushes
- ▶ Encoder. Planetary gearbox available

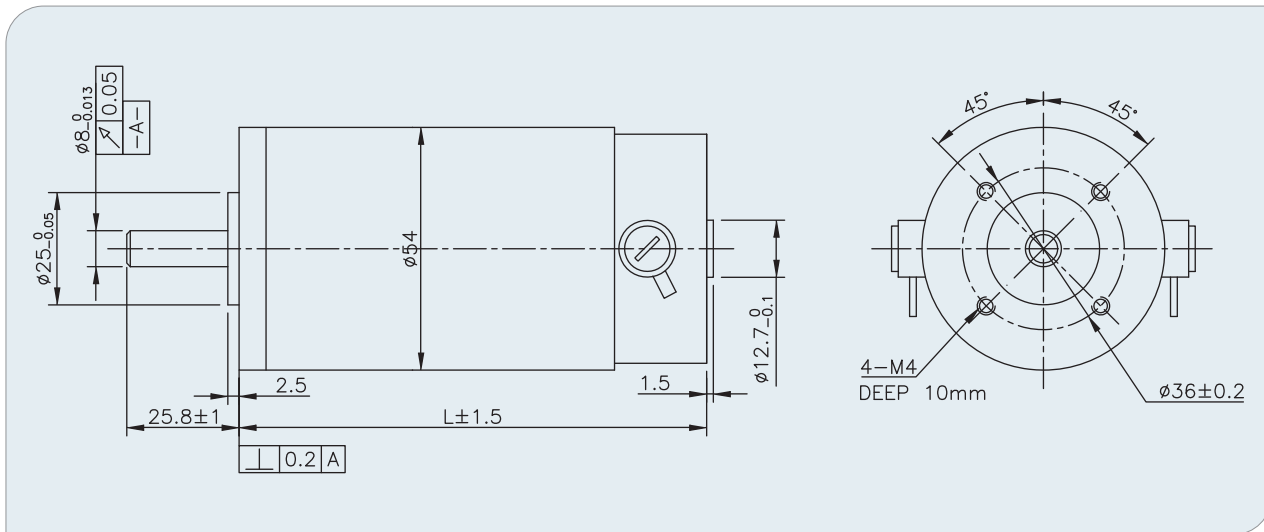
### ● Specifications

SPECIFICATION		PM054TP100	PM054TP300	PM054TP600	PM054TP700
Voltage	(V)	24	24	24	24
No Load Speed	(RPM)	4000	4000	4000	4000
No Load Current	(A)	0.32	0.34	0.3	0.15
Nominal Torque	(Nm)	0.07	0.15	0.26	0.36
Nominal Speed	(RPM)	3200	3300	3300	3300
Nominal Power	(W)	23.5	51.8	90	124.4
Nominal Current	(A)	1.65	3.2	5.3	7.2
Peak Torque	(Nm)	0.35	0.76	1.4	1.8
Peak Current	(A)	7	14.9	27.3	35.6
Rotor Inertia	(Kg.mm <sup>2</sup> )	115	215	370	480
Ke	(V/KRPM)	5.77	5.77	5.77	5.77
Resistance	(OHMS)	3.45	1.65	0.88	0.68
Insulation Class		B	B	B	B
Weight	(Kg)	0.6	0.9	1.3	1.6
L	(mm)	75	94	126	145

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● Mechanical



● Characteristic diagram

