

Datasheet

ENGLISH

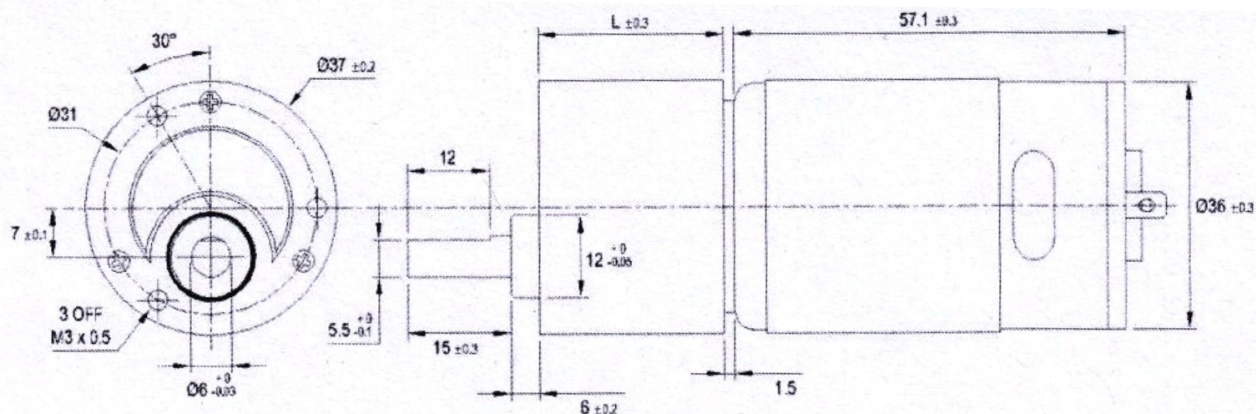
RS PRO DC Motor, 12.8 W, 4.5 - 15 V, 6000 gcm, 12 rpm, 6mm Shaft Diameter

Stock No: 752-1958



Specifications:

Output Speed	12 rpm
Supply Voltage	4.5 – 15 V dc
Maximum Output Torque	6000 g.cm
DC Motor Type	Brushed
Shaft Diameter	6mm
Power Rating	12.8 W
Gearhead Type	Spur
Length	86.6mm
Width	37mm
Current Rating	1.42 A
Weight	329g



Operating relative humidity 20% ~ 85%
 Operating temperature range -10°C ~ +60°C

Ratio	L
500:1	29.5mm

Gearbox Housing material	Metal
Backlash at no-load	< 2°
Bearing at output	Sleeve bearings
Radial load (10mm from flange)	< 1 kgf
Shaft axial load	< 0.7 kgf
Shaft press fit force max	< 20 kgf
Radial play of shaft	< 0.05mm
Thrust play of shaft	< 0.35mm

Reduction Ratio	Rated tolerance Torque	Max momentary Tolerance Torque	Efficiency
1/500	6 kgf-cm Max.	18 kgf-cm	53%

Reduction Table RPM	4.5v	6v	9v	12v	15v
SUPPLY VOLTAGE					
752-1958	5	6	9	12	15

Note: Motor speeds may vary by (+) or (-) 10%