

Datasheet

ENGLISH

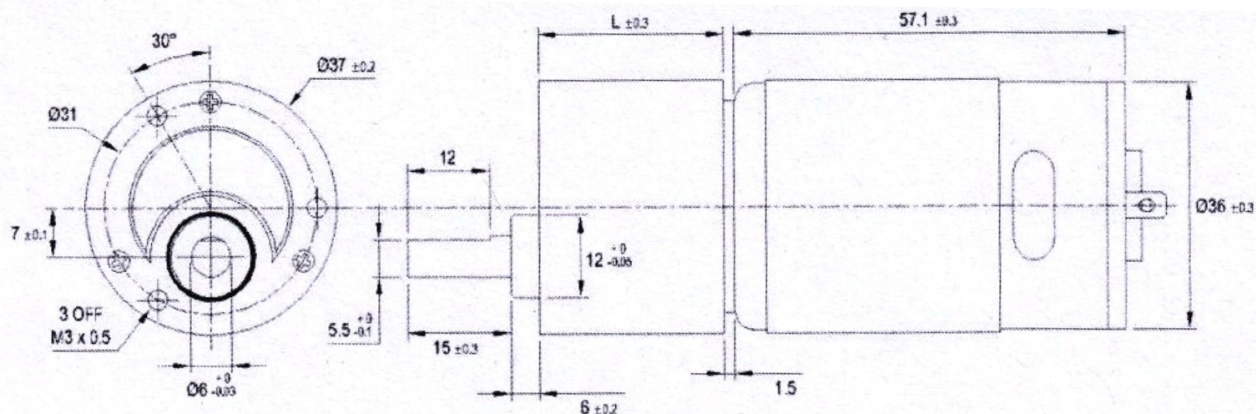
RS PRO DC Motor, 12.8 W, 4.5 - 15 V, 6000 gcm, 41 rpm, 6mm Shaft Diameter

Stock No: 752-1949



Specifications:

Output Speed	41 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	84.1mm
Width	37mm
Current Rating	1.42 A
Weight	322g



Operating relative humidity 20% ~ 85%
 Operating temperature range $-10^{\circ}\text{C} \sim +60^{\circ}\text{C}$

Ratio	L
148:1	27.0mm

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

Reduction Ratio	Rated tolerance Torque	Max momentary Tolerance Torque	Efficiency
1/150	6 kgf-cm Max.	18 kgf-cm	59%

Reduction Table RPM	4.5v	6v	9v	12v	15v
SUPPLY VOLTAGE					
752-1949	15	21	31	41	51

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