

## Datasheet

ENGLISH

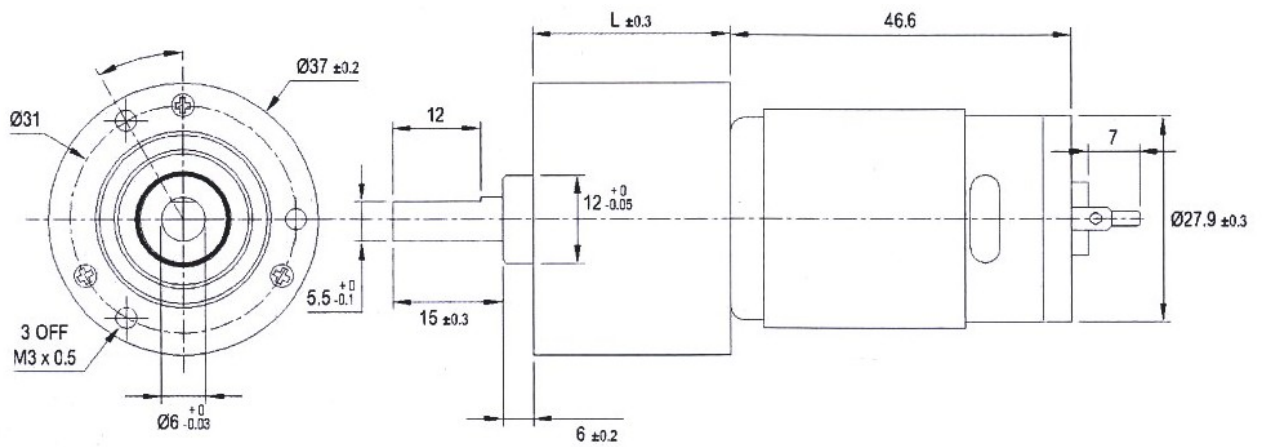
# RS PRO, 12 V dc, 554 gcm, Brushed DC Geared Motor, Output Speed 1200 rpm

Stock No: 834-7653



## Specifications:

Output Speed	1200 rpm
Supply Voltage	12 V dc
Maximum Output Torque	554 g.cm
DC Motor Type	Brushed
Shaft Diameter	6mm
Power Rating	7 W
Gearhead Type	Spur
Length	71.4mm
Width	37mm
Current Rating	840 mA
Weight	204g



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

Ratio	L
6:1	24.8mm

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	< 5 kgf
Radial play of shaft	< 0.05mm
Thrust play of shaft	< 0.35mm

Reduction Ratio	Rated tolerance Torque	Max momentary Tolerance Torque	Efficiency
1/6	1.0 kgf-cm Max.	3.0 kgf-cm	81%

Reduction Table RPM SUPPLY VOLTAGE	4.5v	6v	9v	12v
834-7653	450	600	900	1200

Note: Motor speeds may vary by (+) or (-) 12.5%