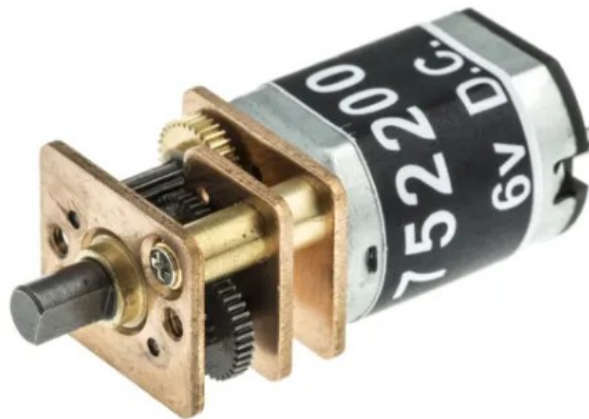


## Datasheet

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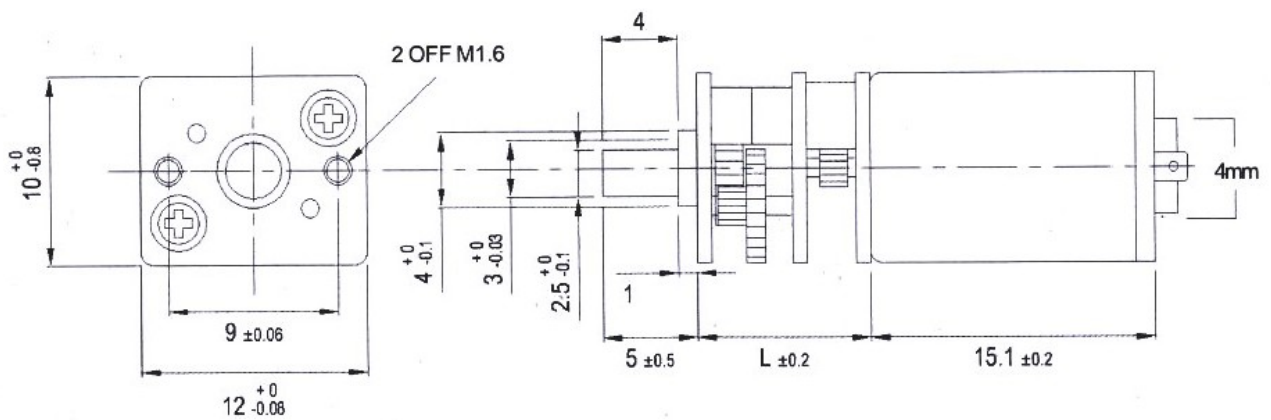
# RS PRO Brushed DC Motor, 0.46 W, 6 V, 527 gcm, 60 rpm, 3mm Shaft Diameter

Stock No: 752-2005



## Specifications:

Output Speed	60 rpm
Supply Voltage	6 V dc
Maximum Output Torque	527 g.cm
DC Motor Type	Brushed
Shaft Diameter	3mm
Power Rating	0.46 W
Gearhead Type	Spur
Length	24.25mm
Width	12mm
Current Rating	170 mA
Weight	10g



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

Ratio	L
298:1	9.15mm

Gearbox Housing material	Plastic
Backlash at no-load	< 1.5°
Bearing at output	Bronze
Radial load (10mm from flange)	< 0.4 kgf
Shaft axial load	< 0.2 kgf
Shaft press fit force max	< 2 kgf
Radial play of shaft	< 0.06mm
Thrust play of shaft	< 0.2mm

Reduction Ratio	Rated tolerance Torque	Max momentary Tolerance Torque	Efficiency
1/298	1.0 kgf-cm Max.	3.0 kgf-cm	59%

Reduction Table RPM	6v
SUPPLY VOLTAGE	
752-2005	527

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