

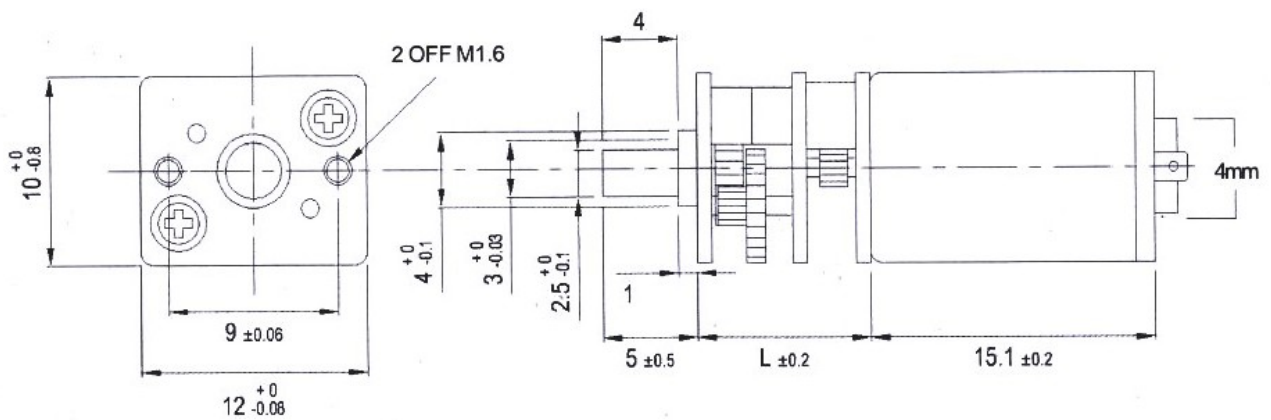
Datasheet

RS PRO, 6 V dc, 202 gcm, Brushed DC Motor, Output Speed 176 rpm

Stock No: 752-2002

**Specifications:**

| | |
|-----------------------|----------|
| Output Speed | 176 rpm |
| Supply Voltage | 6 V dc |
| Maximum Output Torque | 202 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 |
|-------|--------|
| 102:1 | 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 |
|-----------------|------------------------|--------------------------------|------------|
| 1/102 | 0.8 kgf-cm Max. | 2.4 kgf-cm | 66% |

| Reduction Table RPM | 6v |
|---------------------|-----|
| 752-2002 | 176 |

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