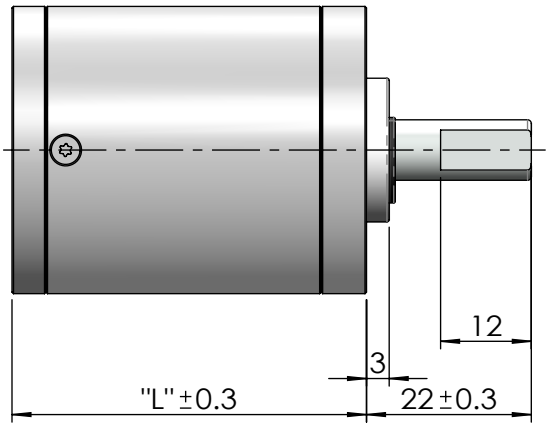
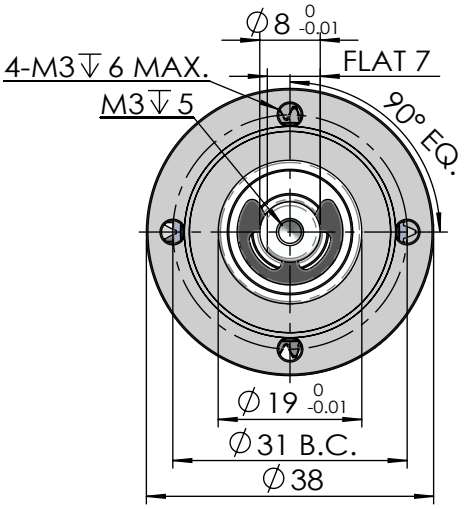
# PR38E

Ball Bearing / Integer Reduction Ratio

## Plantary Gearhead



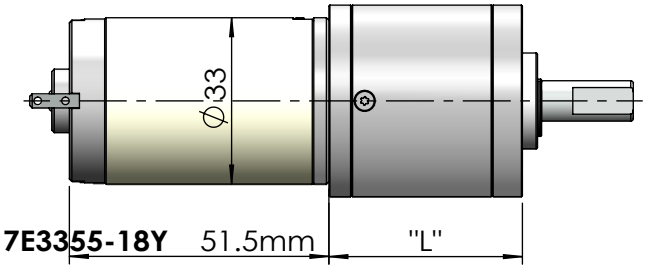




| Ratio | 4 | 6 | 14 | 16 | 21 | 24 | 36 | 49 | 56 | 64 | 84 | 96 | 126 | 144 | 216 | 256 | 294 | 384 | 504 | 576 | 756 | 864 | 1296 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Inertia g-cm² | 1.5 | .77 | 2.1 | 1.6 | 2.0 | 1.5 | .68 | 2.1 | 1.6 | 1.5 | 2.0 | 1.5 | 2.0 | .68 | .68 | 1.6 | 2.0 | 1.5 | 2.0 | 1.5 | 2.0 | .68 | .68 |
| Stages | 1 | | 2 | | | | | 3 | | | | | | | | 4 | | | | | | | |
| Dim."L"mm | 30 | | 38.5 | | | | | 47 | | | | | | | | 55.5 | | | | | | | |
| Eff. % | 90 | | 81 | | | | | 73 | | | | | | | | 65 | | | | | | | |
| Max.Cont. Torque Nm | 2 | | 4 | | | | | 6 | | | | | | | | 6 | | | | | | | |
| Max.Peak Torque Nm | 4 | | 8 | | | | | 12 | | | | | | | | 12 | | | | | | | |
| Weight g | 120 | | 185 | | | | | 230 | | | | | | | | 270 | | | | | | | |

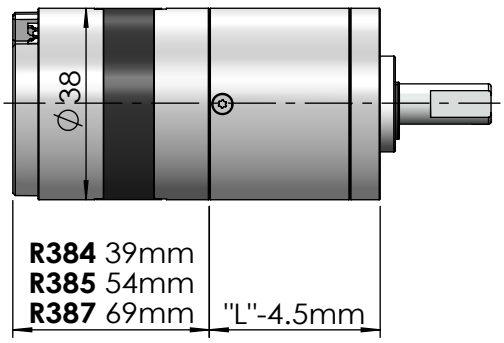
**DC Motor**

**Brushless Motor**

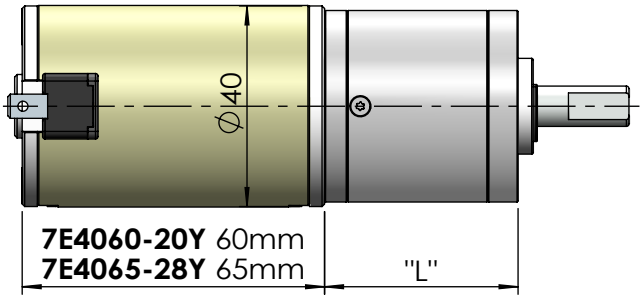
### PR38E+7E33




### PR38E+R38




### PR38E+7E40




| Technical Data | |
|---|---|
| Gear Type | Straight gear |
| Output Shaft | Stainless Steel |
| Bearing | Ball Bearing |
| Radia Playl @5mm From Flange | Max.0.15mm |
| Axial Play | Max.0.3mm |
| Max. Radial Load @10mm | 200N |
| Max. Axial Load | 120N |
| Max. Press Fit Force | 120N |
| Allow Input Speed | <8000rpm |
| Allow Temperature | -40°C~+100°C |