

TORQTRON TQ-PL060

TQ-PL060 Precision Planetary Gearbox, 60 mm

General

Frame size	60 mm
Stages	1 or 2
Ratio range	3:1 to 100:1

Performance

Rated output torque	30 N.m
Emergency stop torque	60 N.m
Backlash	<= 3 arcmin
Efficiency	97 %
Torsional rigidity	3 N.m/arcmin

Speed

Rated input speed	3,000 rpm
Max input speed	6,000 rpm

Bearings

Max radial load	1,200 N
Max axial load	600 N

Physical

Weight	1.1 kg
Protection	IP65
Noise level	<= 58 dB(A)
Service life	20,000 h
Lubrication	Synthetic grease, lubricated for life
Housing material	Aluminium alloy, black anodised

Ratios

Ratio	Rated torque (N.m)	Peak torque (N.m)
3:1	24	48
4:1	30	60
5:1	30	60
7:1	30	60
10:1	23	45
15:1	30	60
20:1	30	60
25:1	30	60
35:1	30	60
50:1	30	60
70:1	30	60
100:1	23	45