

TORQTRON THD-17

THD-17 Harmonic Drive Unit, Size 17

General

Size	17
Type	Cup type, unit with cross-roller bearing
Ratio range	30:1 to 120:1

Performance

Rated torque at 2000 rpm	21 N.m
Limit for repeated peak torque	44 N.m
Limit for average torque	34 N.m
Limit for momentary torque	91 N.m
Positioning accuracy	60 arcsec
Repeatability	+/-10 arcsec
Hysteresis loss	1 arcmin

Speed

Max input speed	7,300 rpm
Limit for average input speed	3,500 rpm

Physical

Weight	0.68 kg
Lubrication	Grease, factory filled

Ratios

Ratio	Rated torque (N.m)	Peak torque (N.m)
30:1	16	34
50:1	21	44
80:1	29	61
100:1	31	65
120:1	31	65