

TORQTRON THD-25

THD-25 Hollow-Shaft Harmonic Drive, Size 25

General

Size	25
Type	Hat type, hollow-shaft unit
Ratio range	30:1 to 160:1

Performance

Rated torque at 2000 rpm	39 N.m
Limit for repeated peak torque	127 N.m
Limit for average torque	72 N.m
Limit for momentary torque	242 N.m
Positioning accuracy	50 arcsec
Repeatability	+/-10 arcsec
Hysteresis loss	1 arcmin

Speed

Max input speed	5,600 rpm
Limit for average input speed	3,500 rpm

Physical

Hollow bore	30 mm
Weight	1.9 kg
Lubrication	Grease, factory filled

Ratios

Ratio	Rated torque (N.m)	Peak torque (N.m)
30:1	27	86
50:1	39	125
80:1	63	202
100:1	67	214
120:1	67	214
160:1	67	214