

TORQTRON TRV-40E

TRV-40E RV Reducer, Heavy-Duty

General

Frame size	40E
Ratio range	57:1 to 153:1

Performance

Rated output torque	412 N.m
Allowable acceleration/deceleration torque	1,029 N.m
Momentary max torque	2,058 N.m
Lost motion	1 arcmin
Backlash	<= 1 arcmin
Torsional rigidity	108 N.m/arcmin

Bearings

Allowable moment	1,666 N.m
Allowable thrust load	5,194 N

Speed

Rated output speed	15 rpm
Max output speed	70 rpm

Physical

Weight	9.3 kg
Service life	6,000 h
Lubrication	Grease, factory filled; change every 20,000 h

Ratios

Ratio	Rated torque (N.m)	Peak torque (N.m)
57:1	412	2060
81:1	412	2060
105:1	412	2060
121:1	412	2060
153:1	412	2060