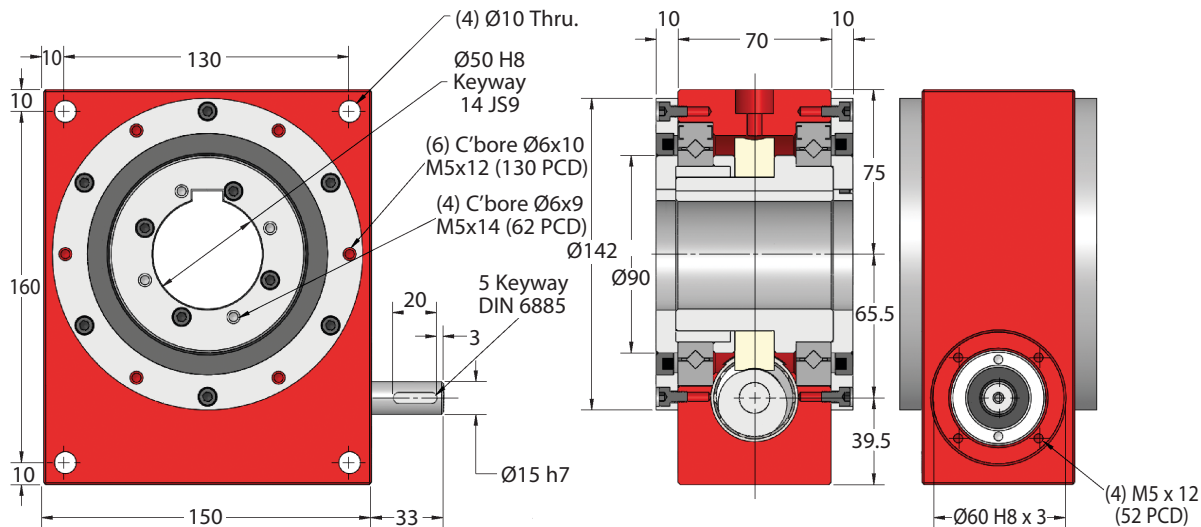
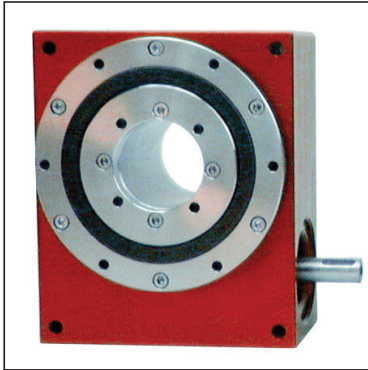


P80**e-cad**
Drawings
Available

GEARBOXES

Precision Worm Wheel Drive

Crossed Roller Design



Part Number	Ratio	Helix Angle	No. of Starts On Worm	Max. Input Speed Rpm	Max. Output Speed Rpm	Efficiency at 1000 Rpm Input	Self Locking Output	Backlash at Output Arc/min
P80-50A	50:1	3°42'	1	1800	36	62%	✓	≤6'

P80-STEP-ASSY

Complete Assemblies:
Description
Includes Adapter Plate for NEMA34
MJT-40C-RD-12.7x15 Coupling and fixing screws

Material**Casing:** Aluminum.**WormTeeth:** Induction hardened. 50 HRC ground.**Wheel:** Aluminum Bronze (≤6 arc/min backlash).**Bearings:** Output: Crossed rollers (Precision). Input: Tapered rollers.
Gearbox filled with grease.**ondrives**.US Corp.

☎ 516-771-6777
📠 516-771-6444

✉ sales@ondrives.us
🌐 www.ondrives.us

GEARBOXES

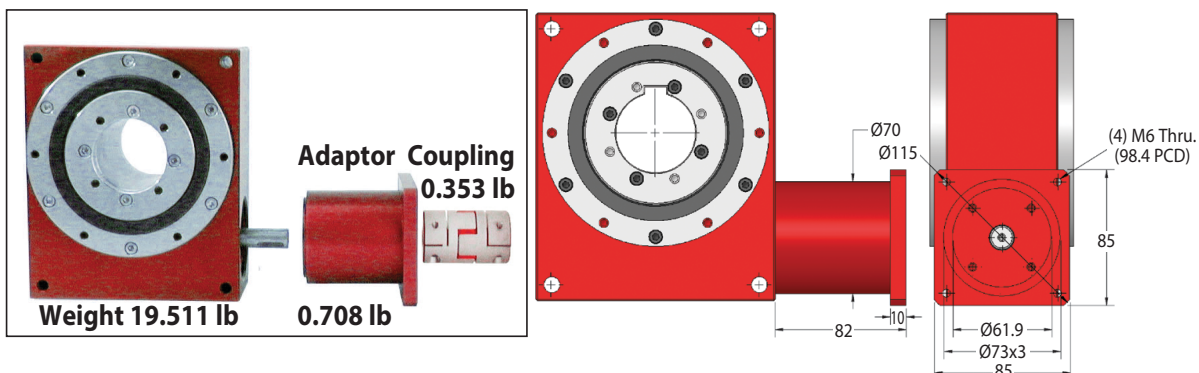
Precision Worm Wheel Drive

Crossed Roller Design

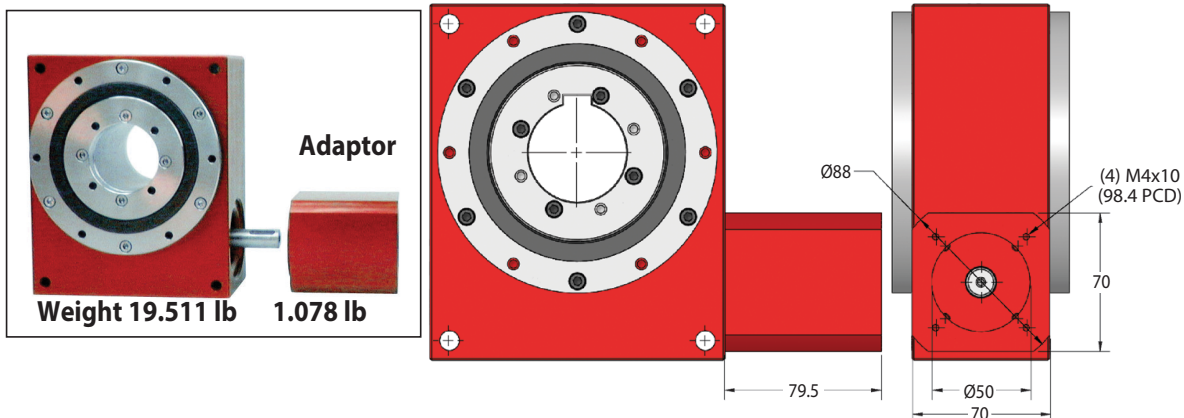
e-cad
Drawings
Available

P80

P80-STEP-ASSY



P80-SERVO-ASSY



Gearbox Torque Table

Input Speed Rpm	Allowable Torque at Output (lbf-in)
30	1013.1
100	856.22
300	693.99
600	592.47
900	526.53
1200	479.71
1800	420.76

Load Capacity on output at 30 Rpm output speed

