

# RT-20 ANCHOR DRIVE



TWO SPEED DRIVE UNIT | PN 610060

used for anchor installation



EXCAVATOR SIZE

**12T - 20T**

WEIGHT

LBS | 855

CONNECTIONS

HEX **3"**

NOT RECOMMENDED FOR DRILLING

## TRULINK TORQUE PIN

*RT-20 is outfitted to fit these TruLink® Torque Monitor Systems.*



Class 1 with 4" Display  
**PN | 615000**

Class 1 with 8" Display  
**PN | 615002**

Kits include Pin, Displays, Anti-Rotation Block, Mount, Cable, Stylus, and Flash USB Drive



When the job calls for larger anchor installation using a backhoe or excavator turn to the RT-20. The auto shift feature allows the drive to automatically shift between high speed and low torque and low speed high torque depending on the input flow.

### HYDRAULIC MOTOR INFORMATION

Displacement	11.9 cu/in (195cc)
Motor Type	Two Speed Bi-Directional
Motor Output Shaft	1 1/4" Spline 14T
Motor Mount	SAE - C 4 Bolt
Motor Ports	1 5/8" - 12-UN-2B
Cross Over Pressure Relief	Set at 3100 PSI

### PLANETARY GEARBOX INFORMATION

Gearbox Type	Planetary Three Stage
Reduction Ratio	60.56:1
Output Shaft	3 1/2" Hex
Internal Oil Capacity	3.0 Gallons
Oil Type	SAE 80W90 GL-5
Shaft Pull Out (lbs.)	45,000

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2-Speed Models must have a minimum of 20GPM

REFERENCE SPEED CHART

Flow GPM (Liter)	Low (rpm)	High (rpm)
20 (75)	5	10
30 (113)	8	15
40 (151)	10	20
50 (190)	13	25

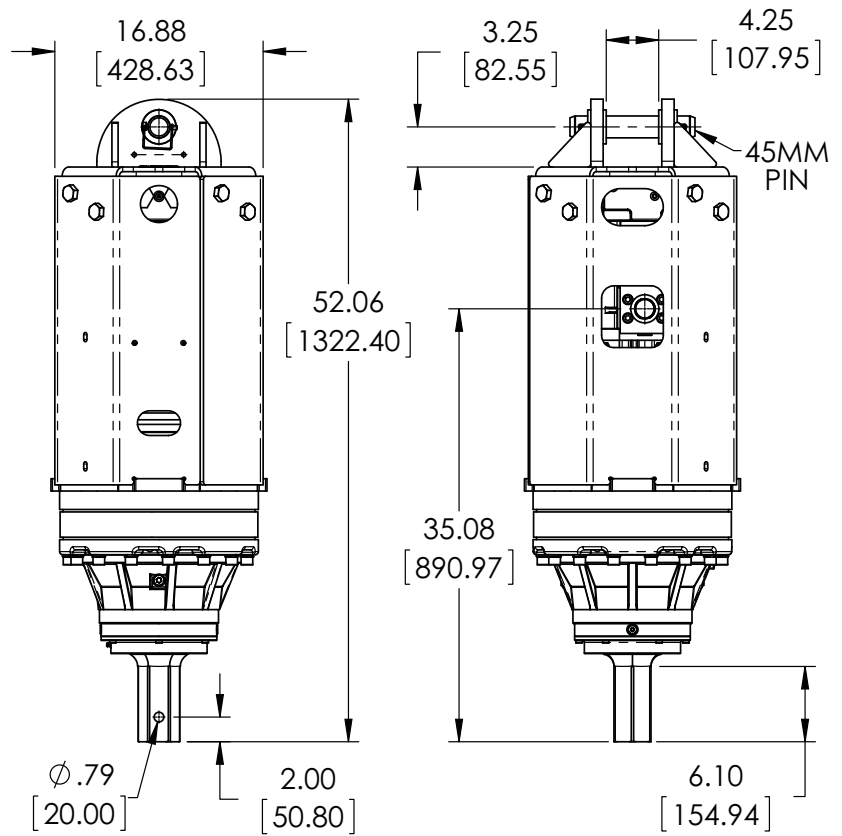
REFERENCE TORQUE CHART (LT / HS)

Pressure (psi)	THEORETICAL Torque (ft/lb)	ACTUAL Torque (ft/lb)
1000	4781	3777
1200	5737	4532
1400	6693	5287
1600	7649	6043
1800	8605	6798
2000	9562	7554
2200	10518	8309
2400	11474	9064
2600	12430	9820
2800	13386	10575
3000	14343	11331

Note that both theoretical and actual torque values are listed, but that Pengo recommends to go by ACTUAL torque listings.

REFERENCE TORQUE CHART (HT / LS)

Pressure (psi)	THEORETICAL Torque (ft/lb)	ACTUAL Torque (ft/lb)
1000	9562	7554
1200	11474	9064
1400	13386	10575
1600	15299	12086
1800	17211	13597
2000	19124	15108
2200	21036	16618
2400	22948	18129
2600	24861	19640
2800	26773	21151
3000	28686	22662



LOW TORQUE/HIGH SPEED OUTPUT

HIGH TORQUE/LOW SPEED OUTPUT

## MOUNTS for RT-20

Pengo offers a complete excavator mounting systems for the RT-20 unit. These mounts can be mounted directly to the boom or designed to work with an existing quick coupler.

Custom mounts can be designed for specific applications.



Excavator Mounts allow for maximum movement to ensure the Drive always hangs true to the ground.

45MM Pin
LBS   7
PN   660558

45MM Link Arm
LBS   46
PN   660555



3" Hex Drive Tool
LBS   35
PN   158137

Pengo lists output speeds at both theoretical and actual. Actual torque numbers are NOT listed at 100% efficiency. Maximum efficiencies have been applied to the torque and speed charts according to the manufacturer's recommendations. Speed and torque output are dependent on the overall system efficiencies associated with the prime movers hydraulic system. When the purchaser is determining criteria for specific applications please contact Pengo. Pengo has made every attempt to present accurate and suitable information published in this document. This document should be used for information and comparative purposes only. When application-specific information is required, please contact Pengo.