

RT-12 ANCHOR DRIVE



TWO SPEED DRIVE UNIT | PN 610059

used for anchor installation



EXCAVATOR SIZE

6T - 12T

CONNECTIONS

HEX 2 1/2"

WEIGHT

LBS | 655

NOT RECOMMENDED FOR DRILLING

TRULINK TORQUE PIN

RT-12 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



The RT-12 Anchor drive is perfect anchor installation projects when using a skid steer, mini-excavator or backhoe. This drive may also be used for some drilling applications with the Pengo Utility or Excavator auger system.

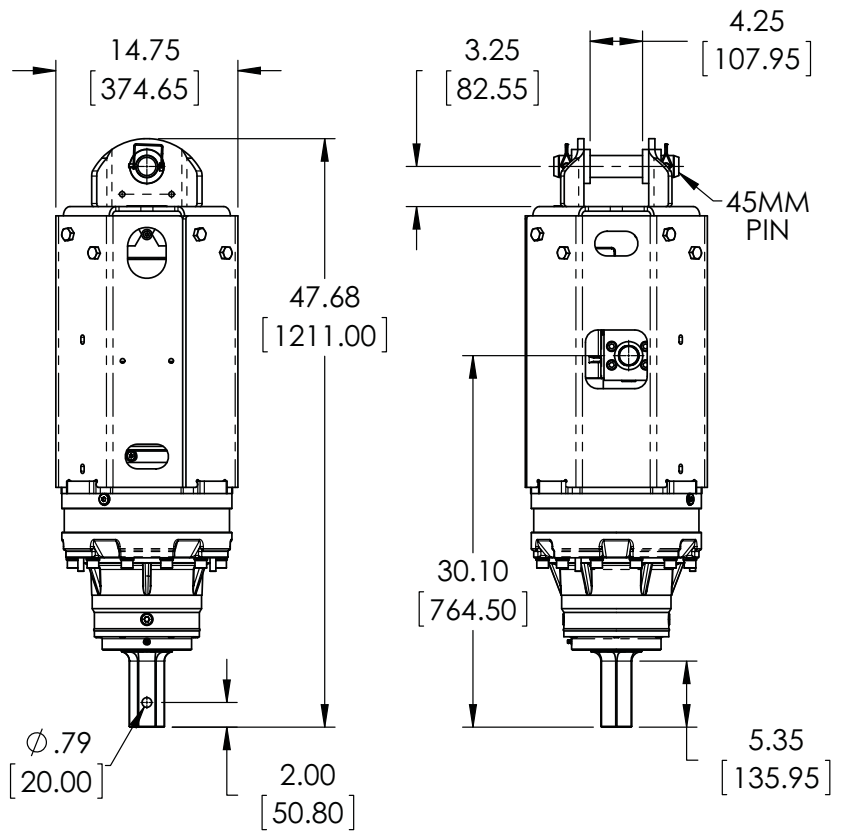
HYDRAULIC MOTOR INFORMATION	
Displacement	14.9 cu/in (244cc)
Motor Type	Two Speed Bi-Directional
Motor Output Shaft	1 1/4" Spline 14T
Motor Mount	SAE - C 4 Bolt
Motor Ports	1 5/8" - 12-UN-2B
Cross Over Pressure Relief	Set at 3100 PSI
PLANETARY GEARBOX INFORMATION	
Gearbox Type	Planetary Two Stage
Reduction Ratio	25.36:1
Output Shaft	2 1/2" Hex
Internal Oil Capacity	2.0 Gallons
Oil Type	SAE 80W90 GL-5
Shaft Pull Out (lbs.)	22,500

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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)	10	21
30 (113)	15	32
40 (151)	20	43
50 (190)	25	54



LOW TORQUE/HIGH SPEED OUTPUT

REFERENCE TORQUE CHART (LT / HS)		
Pressure (psi)	THEORETICAL Torque (ft/lb)	ACTUAL Torque (ft/lb)
1000	2338	1917
1200	2806	2301
1400	3274	2685
1600	3742	3068
1800	4209	3451
2000	4677	3835
2200	5145	4219
2400	5613	4603
2600	6081	4986
2800	6548	5369
3000	7016	5753

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

HIGH TORQUE/LOW SPEED OUTPUT

REFERENCE TORQUE CHART (HT / LS)		
Pressure (psi)	THEORETICAL Torque (ft/lb)	ACTUAL Torque (ft/lb)
1000	5012	4110
1200	6014	4931
1400	7017	5754
1600	8019	6576
1800	9022	7398
2000	10024	8220
2200	11027	9042
2400	12029	9864
2600	13032	10686
2800	14034	11508
3000	15037	12330

MOUNTS for RT-12

A Pengo Exclusive! The Long Reach Mount for Skid Steer provides maximum ground clearance of 7' to 11' and increased height capability.



Universal Long Reach
LBS 361
PN 661318
Universal Mount
LBS 201
PN 661111

Pengo offers a complete excavator mounting systems for the RT-12 unit. These mounts can be mounted directly to the boom or designed to work with an existing quick coupler.



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	
2 1/2" Hex Drive Tool	
LBS 28	
PN 158132	

Custom mounts can be designed for specific applications.

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.