

Chelsea® 447 Series

Two Gear P.T.O. for Mechanical Transmissions



Overview:

Chelsea's 447 Series is another problem solving P.T.O. It features a one-piece input gear that has a space between the two sets of gear teeth. This helps eliminate interference problems within the P.T.O. aperture on transmissions that might have adjacent gear interference. The 447 Series features the same options as the popular 442 Series plus a few more with special options to simplify the installation of P.T.O.s on Mitsubishi FUSO and Nissan trucks. The 447 Series is available with the adapter or unique installation kit that may be required for these vehicles. The 447 has strong tapered bearings instead of needle bearings for greater load bearing capability. Thirty-three output options including Chelsea's popular 360° rotatable flange, four internal speed ratios and twelve shift options plus a self-lube option for transmissions that have problems getting lubrication to the P.T.O. make this one versatile P.T.O. Take advantage of over 65 years of Chelsea P.T.O. technology to increase performance and lower costs.

- Aerial
- Snow & Ice Removal
- Fire and Rescue
- Dump Truck and Trailer
- Service Trucks
- Refuse



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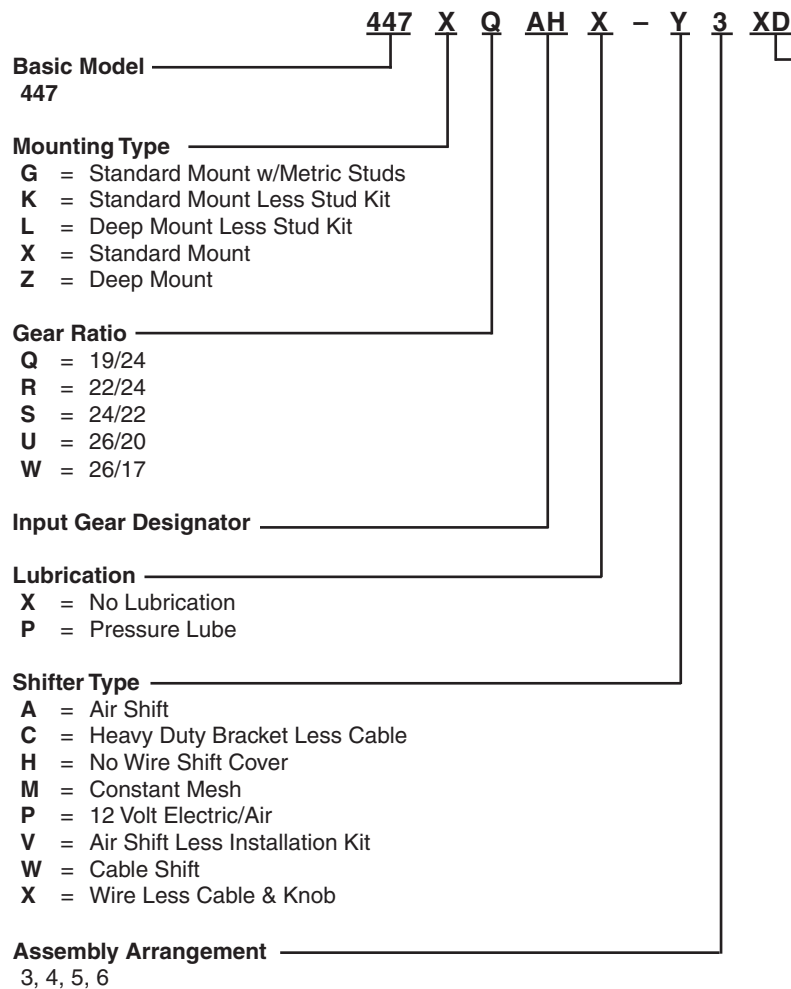
Product Features and Benefits:

- Eliminates interference problems inside transmission/P.T.O. opening
- One-piece input gear
- Pressure Lube option
- Wide range of shift and output options
- Two Year Warranty
- No adapter plate required
- Less chance of leakage
- Reduced installation time
- 33 output options
- 12 shift options
- 4 speed ratios



ENGINEERING YOUR SUCCESS.

Model Number Designator



Output Type

AK = S.A.E. "B" 2-Bolt 7/8" - 13T
AF = S.A.E. "BB" 2 or 4-Bolt 1" - 15T
AZ = S.A.E. "B" 4-Bolt 1-1/4" - 14T
GA = Greaseable Rotatable "B" 2-Bolt 7/8" - 13T
GB = Greaseable Rotatable "B" 4-Bolt 7/8" - 13T
GF = Greaseable S.A.E. "BB" 2 or 4-Bolt 1" - 15T
GH = Greaseable Rot. S.A.E. "BB" 2-Bolt 1" - 15T
GK = Greaseable S.A.E. "B" 2 or 4-Bolt 7/8" - 13T
GP = Greaseable S.A.E. "B" 2 or 4-Bolt 7/8" - 13T
GQ = Greaseable S.A.E. "B" 2 or 4-Bolt 7/8" - 13T
GR = Greaseable Chelsea Special 7/8" - 13T
GY = Greaseable DIN 5462 8T
GZ = Greaseable S.A.E. "B" 4-Bolt 1-1/4" - 14T
LA = S.A.E. "B" 2-Bolt w/Self Lube Pump 7/8" - 13T
LB = S.A.E. "A" 2-Bolt w/Self Lube Pump 7/8" - 13T
LC = S.A.E. "B" 2 or 4-Bolt w/Self Lube 7/8" - 13T
LD = 1-1/4" Rd w/Self Lube Pump
LF = S.A.E. "B" 2 or 4-Bolt w/Self Lube 7/8" - 13T
RA = Rotatable S.A.E. "B" 2-Bolt 7/8" - 13T
RB = Rotatable S.A.E. "B" 4-Bolt 7/8" - 13T
RC = Rotatable S.A.E. "A" 2-Bolt 5/8" - 9T
RE = Rotatable S.A.E. "BB" 4-Bolt 1" - 15T
RF = Rotatable S.A.E. "BB" 2-Bolt 1" - 15T
RY = Rotatable DIN 5462 8T
XD = 1-1/4" Rd Standard Shaft
XE = S.A.E. "A" 2 or 4-Bolt 5/8" - 9T
XG = S.A.E. "A" 2-Bolt 3/4" Rd
XJ = S.A.E. "A" 2-Bolt 3/4" Rd
XK = S.A.E. "B" 2 or 4-Bolt 7/8" - 13T
XQ = S.A.E. "B" 2 or 4-Bolt 7/8" - 13T
XR = Chelsea Special 7/8" - 13T
XX = Tapered Output Shaft
XY = DIN 5462 8T

Specifications Chart – 447 Series

	447*Q	447*R	447*S	447*U	447*W
Standard Output Shaft Size	1-1/4" Round w/key				
Intermittent Torque Rating (Lbs. ft.)	225	225	200	195	175
Intermittent Torque Rating (N.m.)	305	305	271	264	237
Horsepower Rating for Intermittent Service					
At 500 R.P.M. of Output Shaft (HP)	21	21	19	19	17
At 1000 R.P.M. of Output Shaft (HP)	43	43	38	37	33
At 500 R.P.M. of Output Shaft (Kw)	16	16	14	14	12
At 1000 R.P.M. of Output Shaft (Kw)	32	32	28	28	25
Approximate Weight:	21 lbs. [9.5 kg]				