Chelsea® 442 Series
Two Gear PTO for Mechanical and Automatic Transmissions

Overview:
The Chelsea 442 PTO is the best in the business. This economical workhorse features a cast iron housing and tapered cone bearings on the output shaft giving it a high torque rating and long service life. It also has strong tapered input bearings instead of needle bearings for greater load capability. The space saving air shift cover provides maximum clearance under the truck. Available with twenty-four output options including Chelsea’s popular 360° rotatable flange. Twelve internal speed ratios and thirteen shift options make this one versatile PTO. Take advantage of over 70 years of Chelsea PTO technology to increase performance and lower costs.

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

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Product Features and Benefits:
- Transmissions – Engineered to work with virtually all existing transmission applications.
- Torque – Tapered cone bearings for high torque rating and long service life.
- Housing – Economical workhorse features a cast iron housing.
- Idler Pin – Slip fit for easy serviceability.
- Confidence – Two year warranty.
- Backlash – Easy to check and adjust.
# 442 Series Power Take-Off Specifications and Technical Data

## Basic Model
442

### Mounting Option
- **G** = Standard Mount w/ Metric Studs
- **K** = Standard Mount w/o Stud Kit
- **L** = Deep Mount w/o Stud Kit
- **Q** = Eaton Precision
- **X** = Standard Mount
- **Z** = Deep Mount

### Gear Ratio
- **A** = 14/39
- **B** = 14/39
- **C** = 17/37
- **F** = 21/37
- **H** = 23/35
- **L** = 25/34

### Input Option
- Eaton, Mack, Tremac, Allison, Chelsea, Mercedes, Rockwell Transmissions

### Lube Option
- **X** = No Pressure Lube
- **P** = Pressure Lube

### Shift Option
- **A** = Air Shift
- **V** = Air Shift w/o Installation Kit
- **P** = 12V Elec/Air Shift
- **D** = Eaton Precision 12V Elec/Air
- **S** = Air Shift w/ PTO/Dump Pump Combo
- **T** = Air Shift w/ PTO/Dump Pump Combo
- **U** = Air Shift w/ PTO/Dump Pump Combo
- **W** = Air Shift w/o Neutral Spring Return
- **X** = Wire Shift
- **M** = Constant Mesh
- **H** = No Shift Assembly
- **C** = Special Shift Control & Bracket Kit
- **E** = Eaton Precision® Hydraulic Shift

### Output Option
- **XD** = Rd Standard Shaft (1-1/4" - 5/16" Key)
- **XX** = 1-1/4" Tapered Output Shaft w/ Keyway

### Pump Mount
- **XE** = SAE A 2-Bolt Flange, SAE A Shaft (5/8" - 9T)
- **AK** = SAE B 2-Bolt Flange, SAE B Shaft (7/8" - 13T)
- **SO** = SAE B 4-Bolt Flange, SAE B Shaft (7/8" - 13T)
- **XK** = SAE B 4-Bolt Flange, SAE B Shaft (7/8" - 13T)
- **AF** = SAE B 2 or 4-Bolt Flange, SAE BB Shaft (1" - 15T)
- **AZ** = SAE B 2 or 4-Bolt Flange, SAE C Shaft (1-1/4" - 14T)
- **GA** = Greaseable SAE B 2-Bolt Rotatable Flange, SAE B Shaft (7/8" - 13T)
- **GB** = Greaseable SAE B 4-Bolt Rotatable Flange, SAE B Shaft (7/8" - 13T)
- **GR** = Greaseable Eaton Precision (Cloverleaf), SAE B Shaft (7/8" - 13T)
- **RC** = Rotatable SAE A 2-Bolt Flange, SAE A Shaft (5/8" - 9T)
- **RD** = Rotatable SAE A 2-Bolt Flange, SAE B Shaft (7/8" - 13T)
- **RA** = Rotatable SAE B 2-Bolt Flange, SAE B Shaft (7/8" - 13T)
- **RB** = Rotatable SAE B 4-Bolt Flange, SAE B Shaft (7/8" - 13T)
- **RF** = Rotatable SAE B 2-Bolt Flange, SAE BB Shaft (1" - 15T)
- **RK** = Rotatable SAE B 2 or 4-Bolt Flange, SAE B Shaft (7/8" - 13T)
- **RE** = Rotatable SAE B 4-Bolt Flange, SAE BB Shaft (1" - 15T)
- **RY** = Rotatable ISO 7653 Pump Mount DIN 5462 Shaft
- **XR** = Chelsea Special (Cloverleaf), SAE B Shaft (7/8" - 13T)
- **XY** = ISO 7653 Pump Mount DIN 5462 Shaft

### Assembly Arrangement
- Ass’y 3
- Ass’y 4
- Ass’y 5
- Ass’y 6

### Approximate Weight
- 30 lbs. [13.6 kg]

### Specifications Chart

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