

# Chelsea® 880 Series

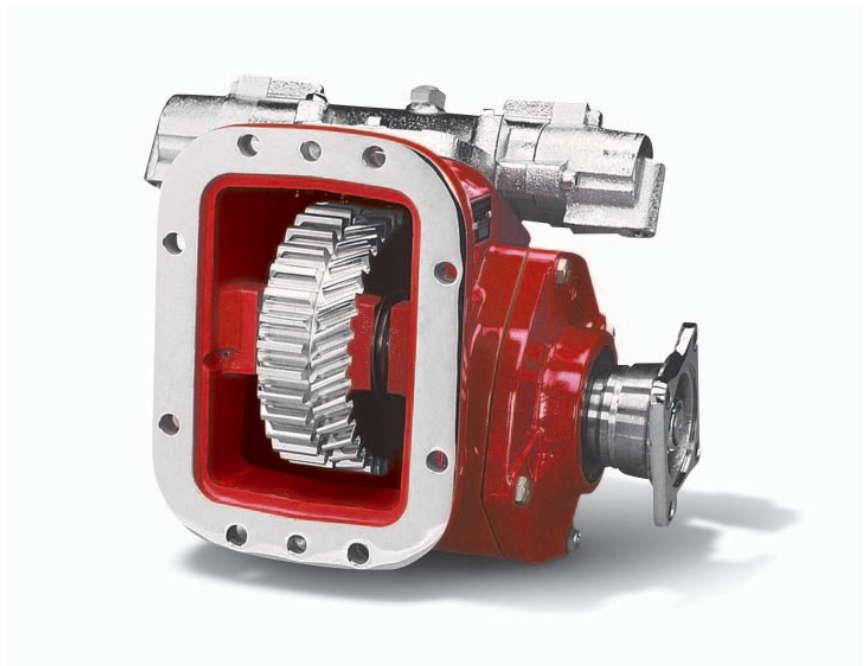
## 8-Bolt Heavy Duty Mechanical PTO



### Overview:

Not every PTO is as tough as an 880. That's because many don't need to be. But if you're using bulk haulers, fire trucks, oil rigs, utility and generator applications, large truck recovery or other tough challenges, the Chelsea 8-Bolt 880 Series PTO is designed for high and low speed, high torque applications with constant mesh input gears. It features a standard lever control shift, or an optional air control shift. Pressure lubrication is available to ensure longer bearing life. Tapered cone bearing offer excellent load bearing capability. And the rugged cast-iron housing is extremely durable. The shift cover is removable, making backlash adjustment easier and more accurate. The 880 is an 8-Bolt heavy-duty PTO rated for up to 500 lbs-ft torque for intermittent service.

- Bulk Haulers
- Aerial Trucks
- Fire Trucks
- Large Recovery Trucks
- Oil Field



### Contact Information:

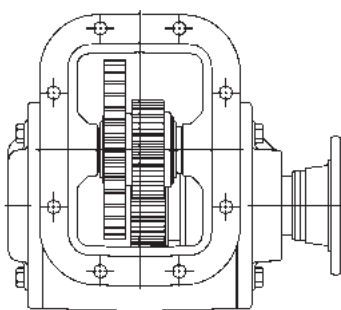
### Product Features and Benefits:

- **Coverage** – Wide coverage for tough applications
- **Output Options** – Ten (10) output options
- **Speed Ratios** – Eight (8) internal speed ratios
- **Shift Cover** – Removable for adjusting backlash
- **Torque** – Up to 500 lbs-ft
- **Blower Applications** – High speed and torque for pneumatic blower applications
- **Confidence** – Two Year Warranty

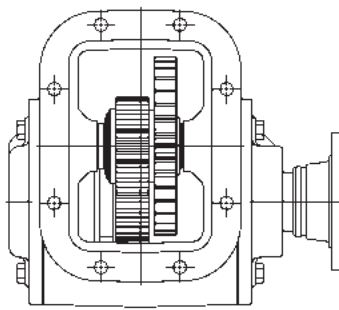
# 880 SERIES POWER TAKE-OFF SPECIFICATIONS AND TECHNICAL DATA

<b>Basic Model</b> 880	<b>Mounting Option</b> G = Standard Mount Metric Studs K = Standard Mount w/o Stud Kit L = Deep Mount w/o Stud Kit Q = Eaton Endurant X = Standard Mount Z = Deep Mount	<b>Gear Ratio</b> B = 18/32    M = 25/25 D = 20/30    Q = 27/23 G = 21/29    R = 29/21 J = 23/27    T = 32/18	<b>Input Option</b> Eaton, Tremec, Meritor, Chelsea Transmissions See Current Price Book for Options <b>NOTE:</b> For more details, see Application Catalog (Transmission model number required)	<b>Lube Option</b> X = No Pressure Lube P = Pressure Lube	<b>880</b>	<b>X</b>	<b>B</b>	<b>AH</b>	<b>X</b>	<b>-</b>	<b>Y</b>	<b>3</b>	<b>XV</b>	<b>Output Option</b> <b>Driveline Output</b> XV = 1410 Series Companion Flange <b>Pump Mount</b> XK = SAE B 2 or 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) XS = SAE C 2 or 4-Bolt Flange, SAE C Shaft (1-1/4" - 14T) XY = ISO 7653 Pump Mount DIN 5462 Shaft GS = Greasable SAE C 2 or 4-Bolt Flange, SAE C Shaft (1-1/4" - 14T) <b>Assembly Arrangement</b> 3, 4, 5, 6 <b>Shift Option</b> 1A = Air Shift V = Air Shift w/o Installation Kit 1P = 12V Elec/Air Shift D = 12V Elec/Air Shift - Eaton Endurant M = Constant Mesh Y = Lever Shift H = No Shift Assembly
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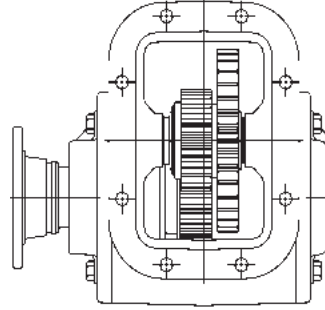
<sup>1</sup> Includes mounting parts



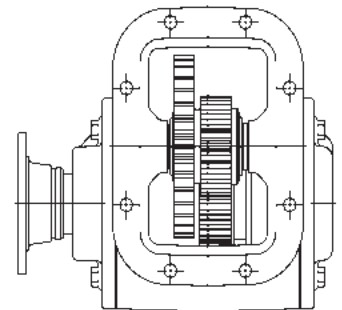
3



4



5



6

Specifications Chart	Approximate Weight: 63 lbs. [28.6 kg]							
	880*B	880*D	880*G	880*J	880*M	880*Q	880*R	880*T
Intermittent Torque Rating (lbs-ft) [Nm]	500 [678]	500 [678]	500 [678]	500 [678]	500 [678]	450 [610]	400 [542]	350 [475]
HP Rating for Intermittent Duty								
At 500 RPM of Output Shaft (HP) [Kw]	48 [95]	48 [95]	48 [95]	48 [95]	48 [95]	43 [32]	38 [28]	33 [25]
At 1000 RPM of Output Shaft (HP) [Kw]	95 [71]	95 [71]	95 [71]	95 [71]	95 [71]	86 [64]	76 [57]	67 [50]

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