

CHELSEA® 823 SERIES

Heavy Duty 8-Bolt PTO for Mechanical Transmissions

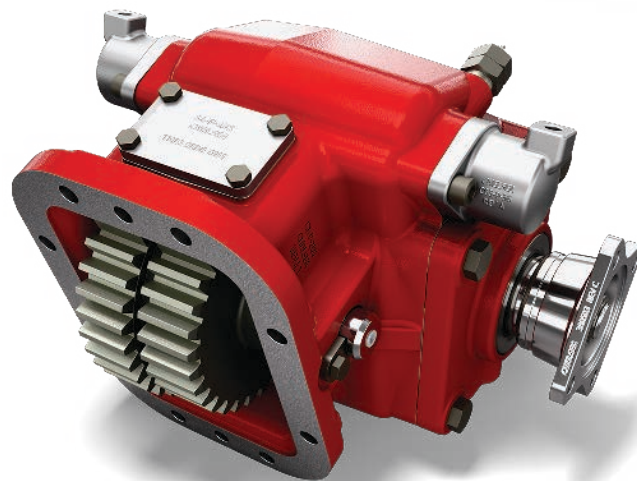
The Chelsea 823 PTO is a very robust PTO. This workhorse features a cast iron housing, tapered cone bearings on the output shaft, and the widest possible gears giving it the highest torque rating and longest service life possible. The space saving air shift design provides maximum clearance under the truck. The 823 Series comes standard with a 1410 Series companion flange. Multiple internal speed ratios and shift options make this one versatile PTO. Take advantage of Chelsea PTO technology to increase performance and lower costs.

Applications:

- Oil Fields
- Logging
- Pumper Cleaner
- Mining
- Heavy Duty Blower

Product Features and Benefits:

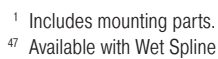
- Power – Intermittent Torque Rating up to 750 lb-ft
- Ease of Installation – Inspection cover for adjusting backlash
- Output Options – Four popular pump mount options
- Durability – Wet Spline available
- Shift Options – Multiple available
- Confidence – Two Year Warranty



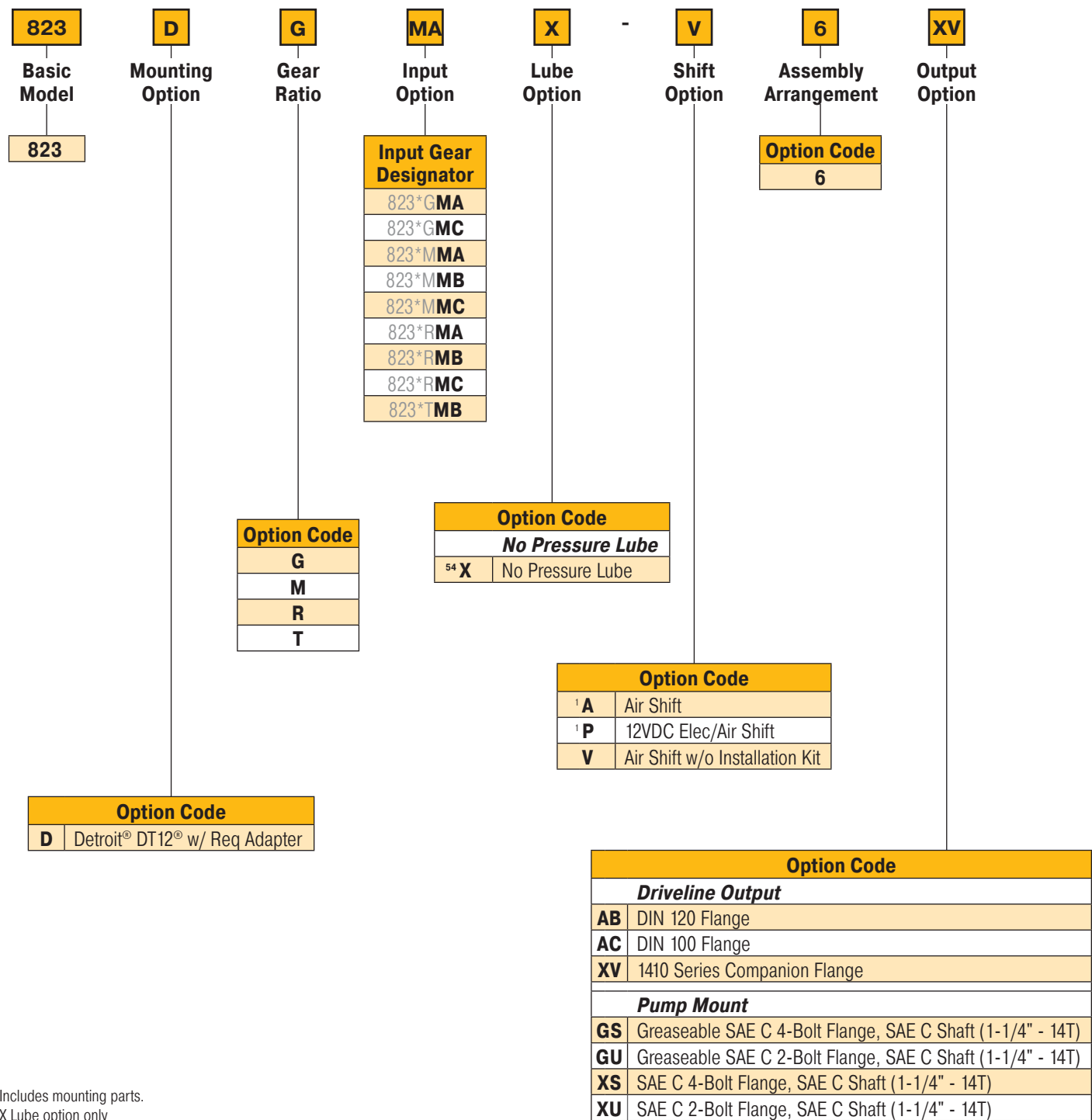
823 Series



Model Number Designator

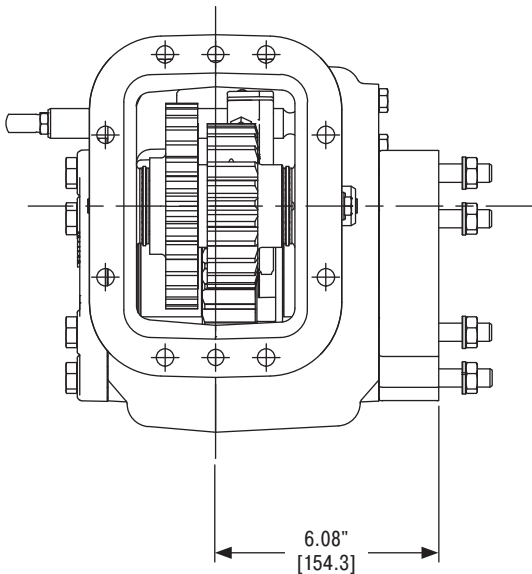


823 Series Power Take-Off – For Detroit® DT12®
Model Number Designator

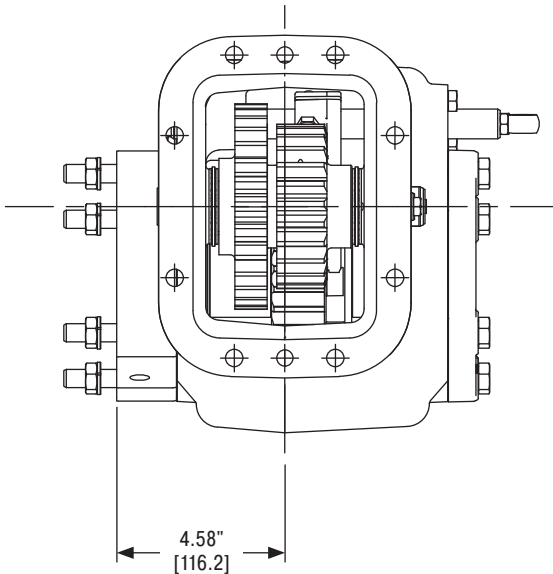


823 Series Power Take-Off – Multiple Transmission Options

Dimensions & Specifications – For PTO output information see application catalog



Assembly 3

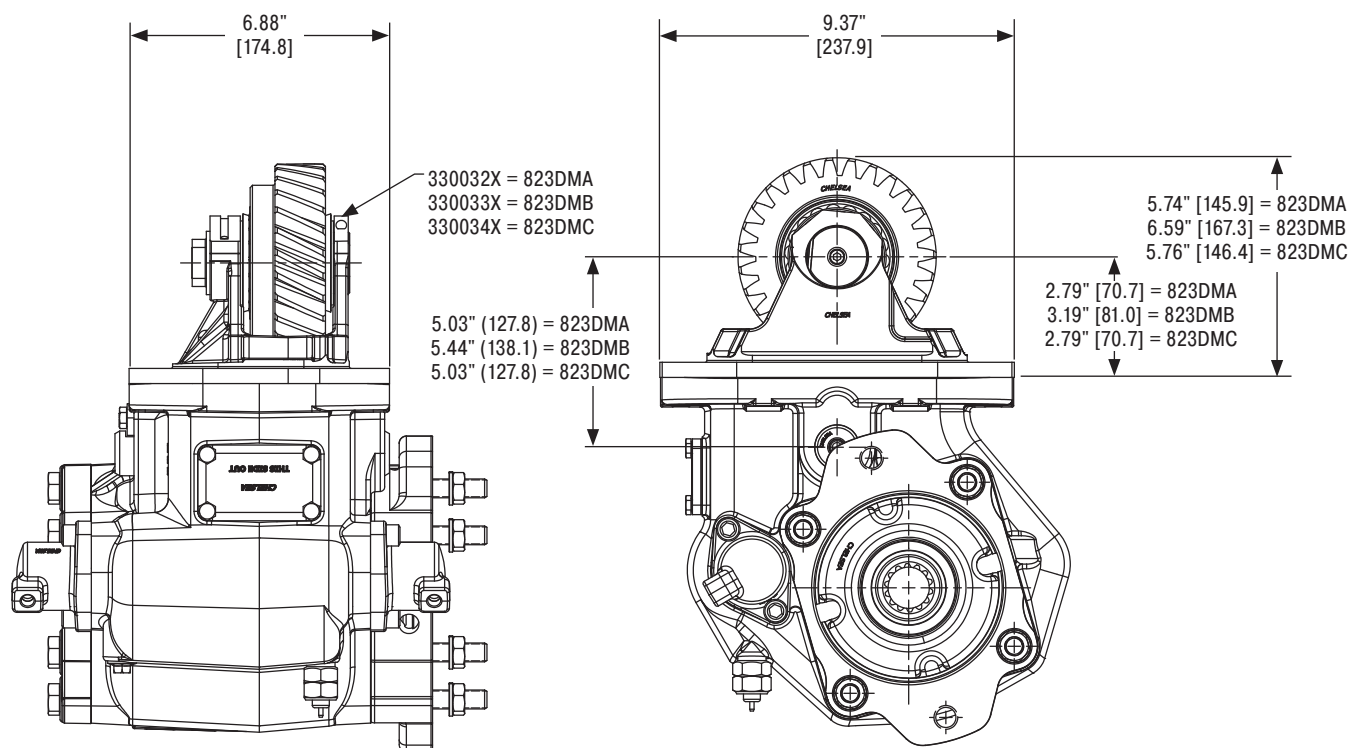


Assembly 6

Specifications Chart	Approximate Weight: 76 lbs. [34.5 kg]						
	823*B	823*D	823*G	823*J	823*M	823*R	823*T
Intermittent Torque Rating lb-ft [N-m]	750 [1017]	750 [1017]	750 [1017]	750 [1017]	750 [1017]	550 [746]	500 [678]
HP Rating for Intermittent Service							
At 500 RPM of Output Shaft HP [kW]	71 [53]	71 [53]	71 [53]	71 [53]	71 [53]	52 [39]	47 [35]
At 1000 RPM of Output Shaft HP [kW]	143 [107]	143 [107]	143 [107]	143 [107]	143 [107]	104 [78]	95 [71]

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