

# Chelsea® 823 Series

Heavy Duty 8-Bolt PTO for Mechanical Transmissions



## Overview:

The Chelsea 823 PTO is another example of why Chelsea PTO technology is the best in the business. This workhorse features a cast iron housing and tapered cone bearing on the output shaft, giving it a high torque rating and long service life. The space saving air shift design provides maximum clearance under the truck. The 823 has strong tapered bearings on the output shaft for greater load bearing capability. The 823 Series comes standard with a 1410 Series companion flange. Six internal speed ratios and four shift options make this one versatile PTO. Take advantage of 65 years of Chelsea PTO technology to increase performance and lower costs.

- Oil Field Trucks
- Pumper and Cleaners
- Bulk Transport Trucks
- Logging and Mining



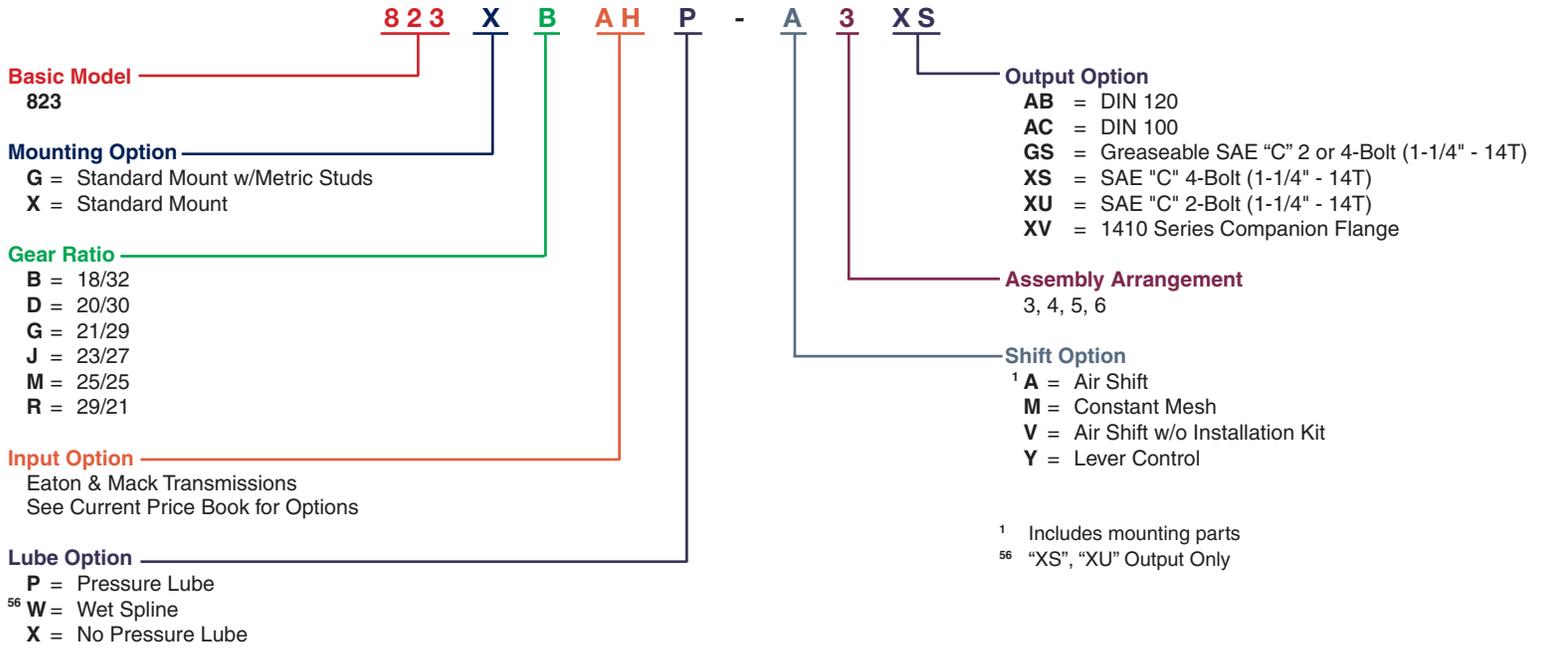
## Product Features and Benefits:

- The highest torque PTO in the industry
- Lever shift standard
- Inspection cover for adjusting backlash
- Popular pump mounts available
- Two Year Warranty
- Six Output Options
- Four Shift Options
- Torque Ratings up to 750 lbs-ft intermittent duty

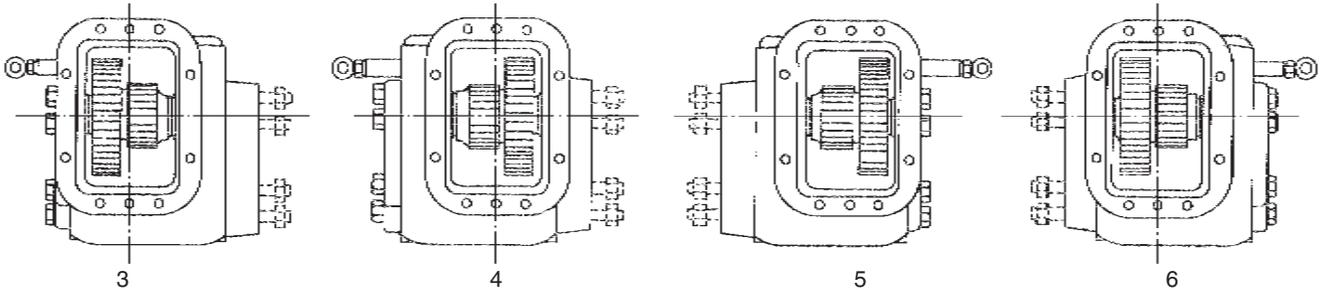
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# 823 SERIES POWER TAKE-OFF SPECIFICATIONS AND TECHNICAL DATA



## Assembly Arrangements



## Specifications Chart

	823*B	823*D	823*G	823*J	823*M	823*R	823*T
Standard Output Shaft Size	1-1/2" 10 Spline w/1410 Flange						
Intermittent Torque Rating (lbs-ft)	750	750	750	750	750	550	500
Intermittent Torque Rating (Nm)	919	919	919	919	919	734	644
Horsepower Rating for Intermittent Service							
At 500 RPM of Output Shaft (HP)	71	71	71	71	71	52	47
At 1000 RPM of Output Shaft (HP)	143	143	143	143	143	104	95
At 500 RPM of Output Shaft (Kw)	53	53	53	53	53	38	35
At 1000 RPM of Output Shaft (Kw)	107	107	107	107	107	43	37
Approximate Weight:	76 lbs. [34.5 kg]						

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