

Chelsea® 859 Series

For Allison 3000/4000 Transmissions



Overview:

Quality knows quality, that's why Allison chose Chelsea to join their engineers in developing P.T.O.s specifically for the Allison World Transmissions. The versatile 859 Series is a constant mesh P.T.O. that exceeds the torque capacity of an 8-Bolt P.T.O. while offering the tighter sealing of a 10-Bolt pattern. The 859 Series is an excellent choice for market applications requiring greater torque such as fire and rescue, refuse and oil field exploration. It is available in five speed ratios and multiple output types, along with a rotatable shift valve option, including Chelsea's popular 360° rotatable flange.

- Refuse
- Oil Exploration
- Fire and Rescue



Contact Information:

Parker Hannifin Corporation
Chelsea Products Division
8225 Hacks Cross Road
Olive Branch, MS 38654 USA

Phone: 1-888-PH4-TRUK
(1-888-744-8785)

Fax: 1-662-890-5379
chelseacustserv@parker.com

www.parker/chelsea.com

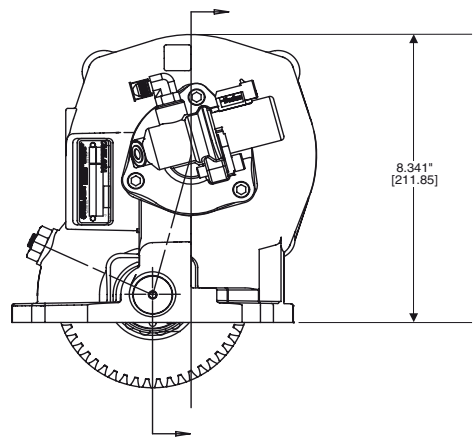
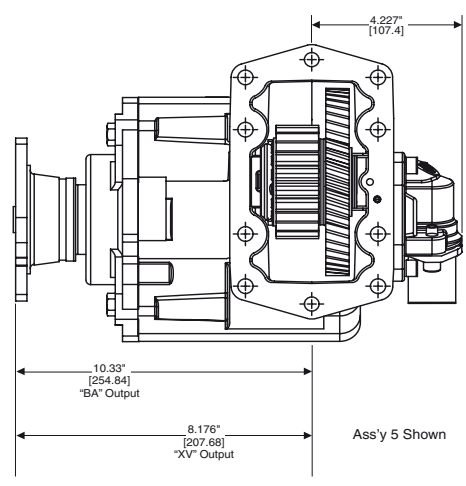
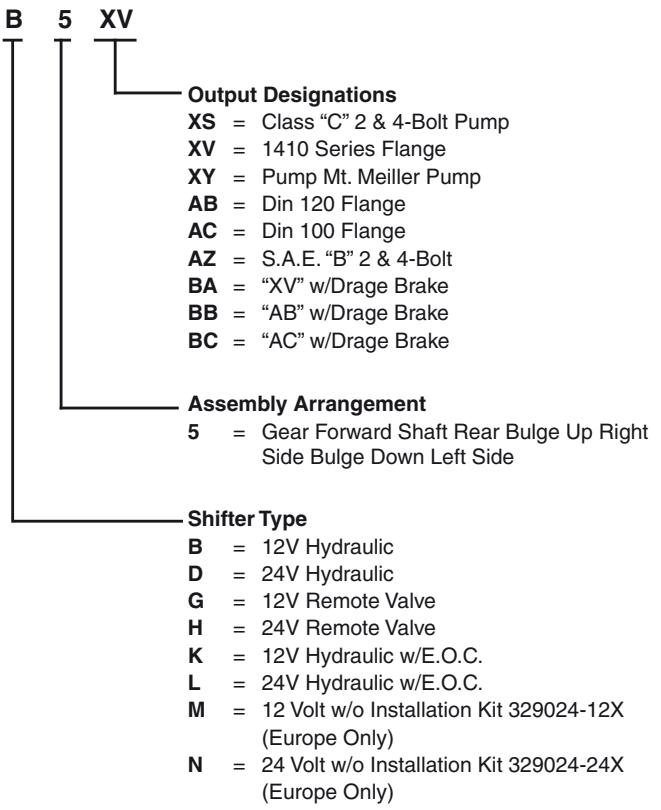
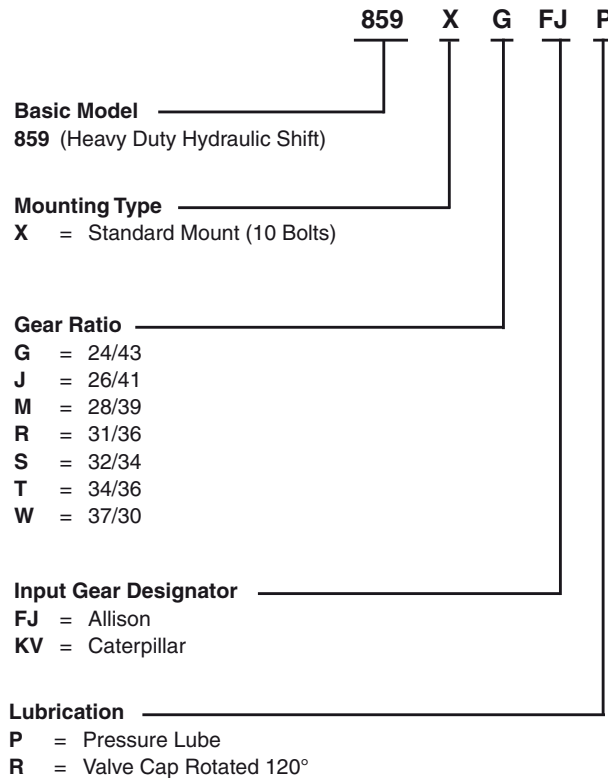
Product Features and Benefits:

- Constant Mesh (non-shiftable) P.T.O. that is ideal for applications requiring continuous power
- Six (6) speed ratios and Six (6) output options
- Electronic Overspeed Control available to protect driven equipment from overspeeding
- No Backlash to set
- Two Year Warranty



ENGINEERING YOUR SUCCESS.

Model Number Designator



Series Specifications Chart – 859 Series

	859*G	859*J	859*M	859*R	859*S	859*T	859*W
Standard Output Shaft Size	1-1/2" Spline w/1410 flange						
Intermittent Torque Rating (Lbs. ft.)	575	525	490	415	385	350	285
Intermittent Torque Rating (N.m.)	780	712	664	563	522	475	386
Horsepower Rating for Intermittent Service							
At 500 R.P.M. of Output Shaft (HP)	55	50	47	40	37	33	27
At 1000 R.P.M. of Output Shaft (HP)	109	100	93	79	73	67	54
At 500 R.P.M. of Output Shaft (Kw)	41	37	35	30	27	25	20
At 1000 R.P.M. of Output Shaft (Kw)	82	75	70	59	55	50	41
Approximate Weight:	66 lbs. [30 kg]						

