

# Chelsea® 287 Series

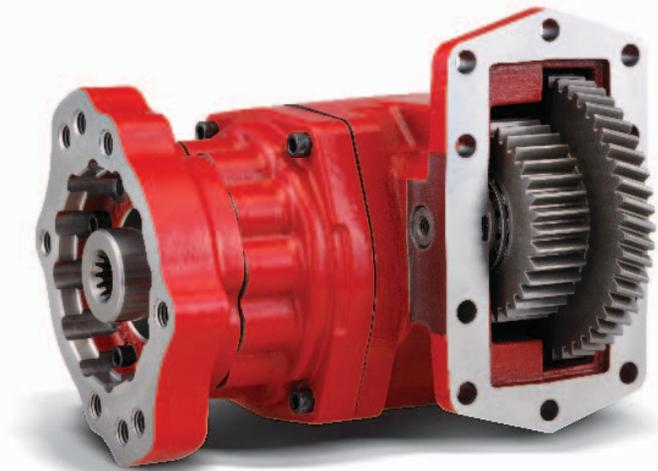
Constant Mesh 10-Bolt



## Overview:

The 287 Series is a 10-Bolt constant mesh PTO design utilizing the best of our technology and innovations from our current Hot Shift PTOs. The 287 Series utilizes our wider gears and larger capacity bearing to provide a single continuous duty torque rating. No more intermittent rating. Pump clearance issues have been improved with rotatable cast iron flanges and the Wet Spline Pump Flange option provides 7 to 10 times greater shaft life. Our broad coverage of speed ranges expands to 9 ratios. The standard output shaft features a new positive stop for Driveline outputs that eliminates the ability for shaft couplings to damage oil seals. Three assembly arrangements provide maximum clearance under the truck. The pressure/lube hose will be included with the 287 Series - No need to order separately. Versatility, power, ease of maintenance, and installation make the 287 Series the best choice for your snow, vacuum, aerial and refuse truck requirements.

- Snow & Ice
- Vacuum
- Aerial
- Refuse



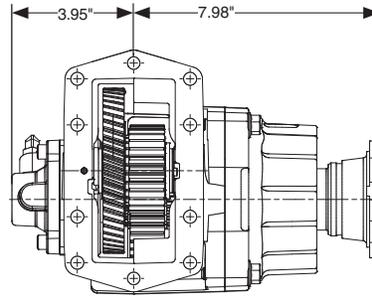
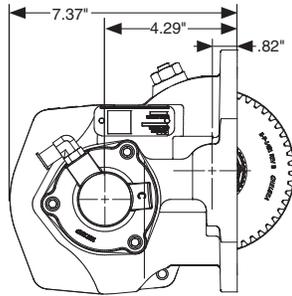
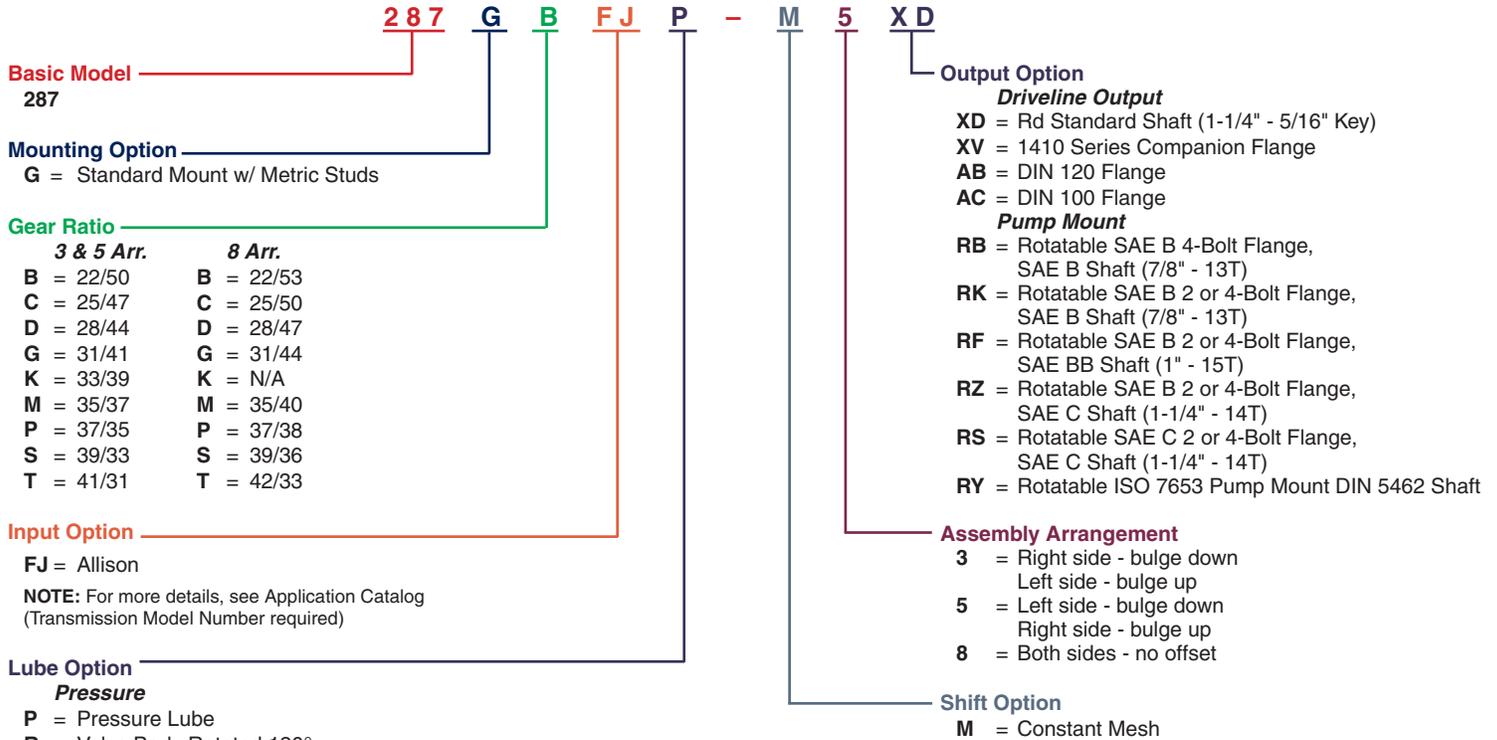
## Product Features and Benefits:

- **Torque** – Features a single continuous duty torque rating.
- **Constant Mesh** – Economical workhorse features a cast iron housing.
- **Clearance** – Interference issues have been reduced with rotatable cast iron flanges.
- **Positive Stop** – Driveline outputs; eliminates oil seal damage from coupling.
- **Protection** – Wet Spline Lubrication option provides 7 to 10 times greater shaft life.
- **Speeds** – Broader coverage of speed ratios expanded from 5 ratios to 9 ratios.
- **Hose Included** – No need to order separately.

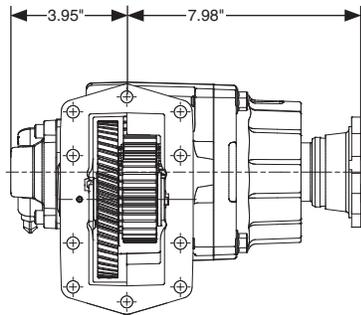
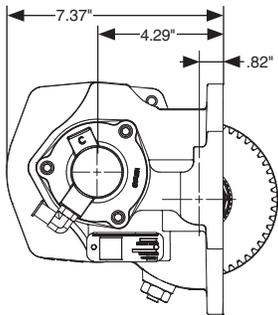
## Contact Information:

**Transdiesel Australia Pty Ltd**  
77 McKellar Way, Epping, Victoria, Australia 3076  
ph: (03) 9305 0800  
[www.transdiesel.com.au](http://www.transdiesel.com.au)

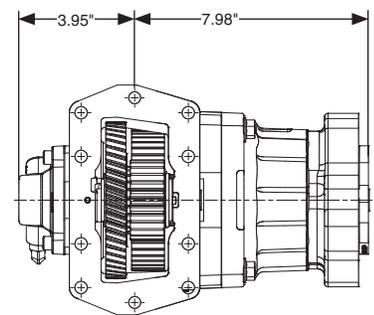
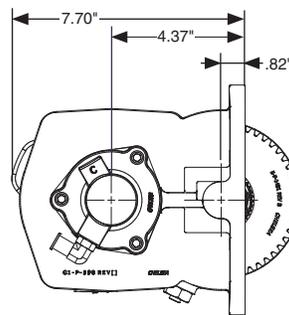
# 287 SERIES POWER TAKE-OFF SPECIFICATIONS AND TECHNICAL DATA



Assembly 3



Assembly 5



Assembly 8

## Specifications Chart

Approximate Weight: 44 lbs. [20 kg]

	287*B	287*C	287*D	287*G	287*K	287*M	287*P	287*S	287*T
Continuous Torque Rating (lbs-ft) [Nm]	300 [407]	390 [529]	390 [529]	360 [488]	340 [461]	318 [431]	290 [393]	265 [359]	240 [325]
HP Rating for Continuous Duty									
At 500 RPM of Output Shaft (HP) [Kw]	29 [21]	37 [28]	37 [28]	34 [26]	32 [24]	30 [23]	28 [21]	25 [19]	23 [17]
At 1000 RPM of Output Shaft (HP) [Kw]	57 [43]	74 [56]	74 [56]	69 [51]	65 [48]	61 [45]	55 [41]	50 [38]	46 [34]

Supersedes HY25-0186-B1/US June 2017 HY25-0186-B1/US April 2018