

CHELSEA® 282 SERIES

Air or Hydraulic PowerShift PTO for Mechanical or Automatic Transmissions

Power density is what you will find in the Chelsea 282 Series PTO. This series is designed with a compact housing that helps eliminate clearance issues. High capacity bearings and superior gear designs support torque ratings up to 300 lbs-ft for ultimate performance. There is no need to de-rate the PTO for continuous duty applications. The robust design of this PTO transmits all the power you will need. It features multiple shift options that are integrated into the PTO housing. The hoses are included with the PTO for simplified ordering. Our popular Electronic Overspeed Control (EOC) is also available to protect your driven equipment. Multiple internal gear ratios offer a wide variety of speeds to meet your application requirements. The direct mount pump flange options are available with our Wet Spline design that provides you with the confidence of increased PTO and pump shaft life.

NOTE: The 282 replaces the 238.

Applications:

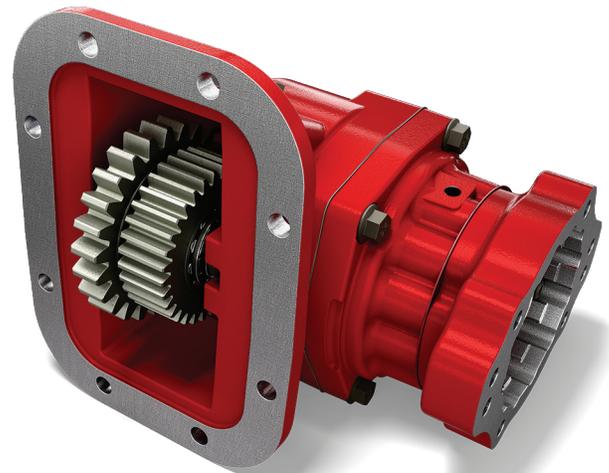
- LP Gas Trucks
- Water Trucks
- Tow and Recovery
- Service Trucks
- Dump Trucks
- Aerial Trucks

Product Features and Benefits:

- Patented Integrated Air Valve.
- Patented Shaft Brake.
- Wet Spline Option – Extends PTO and pump shaft life.
- Pressure Lubrication – Extends PTO service life.
- Electronic Overspeed Control – Protects driven equipment.
- Single Duty Torque Rating – Continuous duty.
- SmartStart Option – Reduces high inertia startup.

U.S. Pat. No. 10,286,779

U.S. Pat. No. 7,159,701

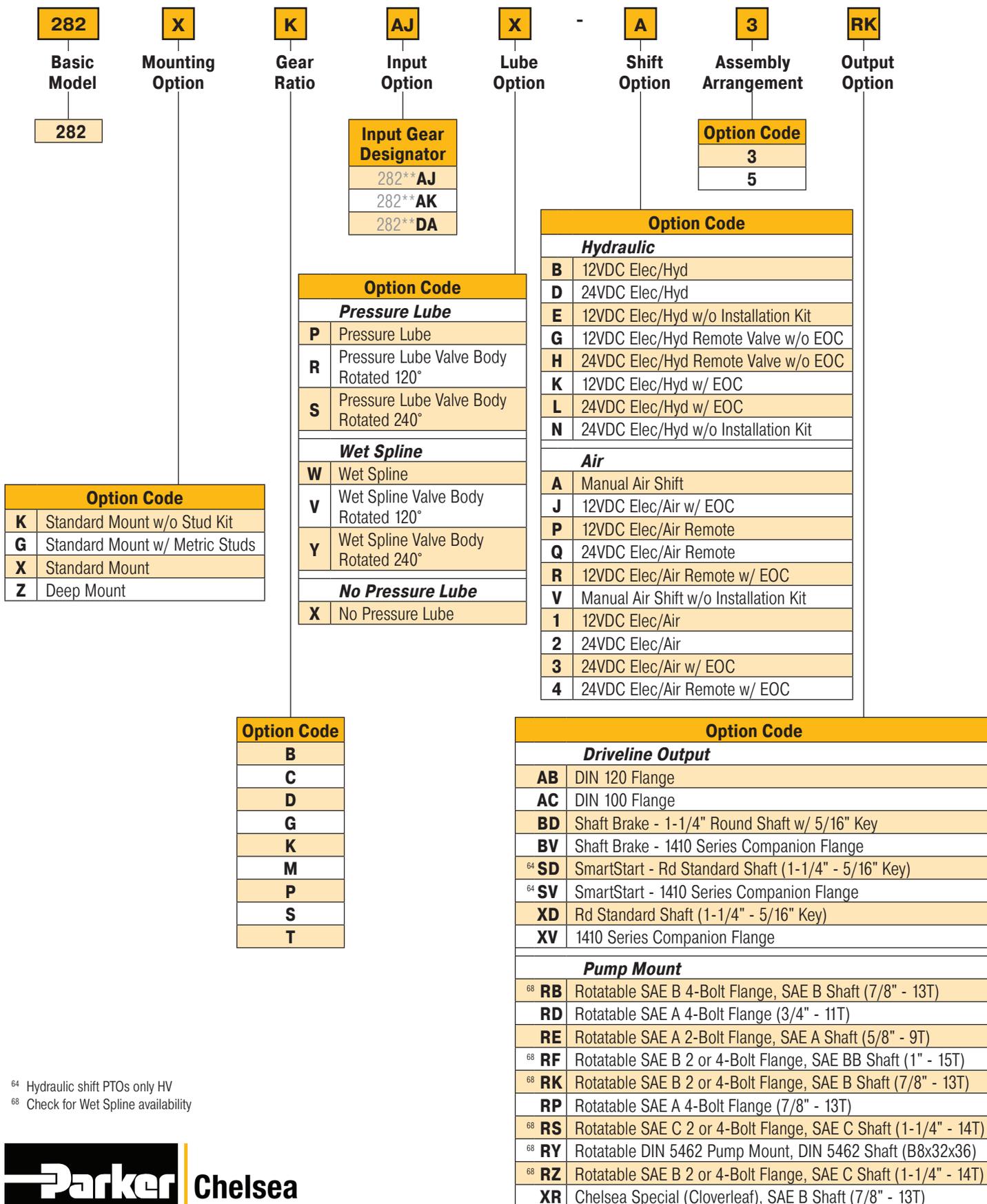


282 Series



282 Series Power Take-Off – Allison, Eaton Fuller, Mack

Model Number Designator

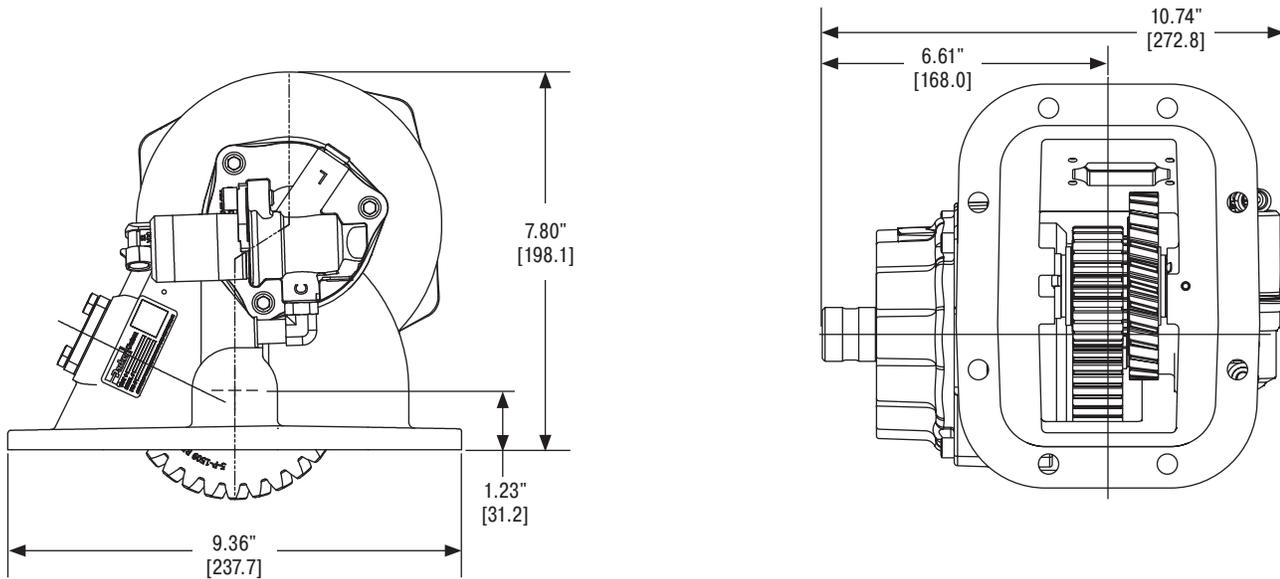


⁶⁴ Hydraulic shift PTOs only HV

⁶⁸ Check for Wet Spline availability

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Dimensions & Specifications – For PTO output information see application catalog



Specifications Chart	Approximate Weight: 49 lbs. [22 kg]								
	282*B	282*C	282*D	282*G	282*K	282*M	282*P	282*S	282*T
Intermittent & Continuous Torque Rating lb-ft [N-m]	300 [407]	300 [407]	300 [407]	300 [407]	300 [407]	300 [407]	300 [407]	300 [407]	300 [407]
HP Rating for Intermittent & Continuous Service									
At 500 RPM of Output Shaft HP [kW]	29 [21]	29 [21]	29 [21]	29 [21]	29 [21]	29 [21]	29 [21]	29 [21]	29 [21]
At 1000 RPM of Output Shaft HP [kW]	57 [43]	57 [43]	57 [43]	57 [43]	57 [43]	57 [43]	57 [43]	57 [43]	57 [43]

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