

# Chelsea® 272/282 Series

PowerShift PTO – Air or Hydraulic  
for Mechanical or Automatic Transmissions



## Overview:

Power density is what you will find in the New Chelsea 272 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 eighteen shift options, twelve of which 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. Nine 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 272 replaces the 230/231, 236 and 270/271. The 282 replaces the 238.

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



## Product Features and Benefits:

- SAE 6-Bolt housing – 272
- Low profile SAE 6-Bolt housing – 272M
- SAE 8-Bolt housing – 282
- Air or Hydraulic Shift Options
- Integrated Air Valve – No remote valve (patent pending)
- Shaft Brake – Internal self-adjusting (patent 7159701)
- 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
- Smart Start Option – Reduces high inertia startup
- Two Year Warranty

## Contact Information:

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

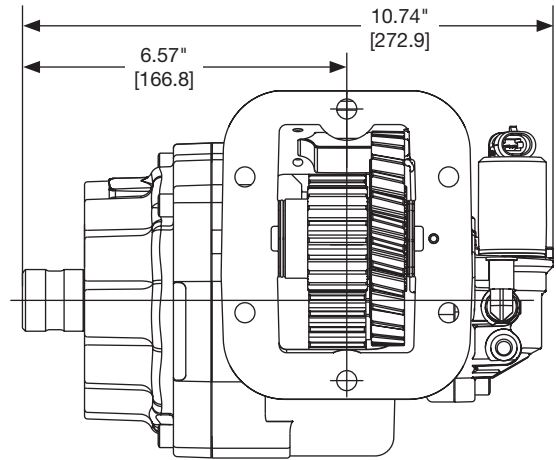
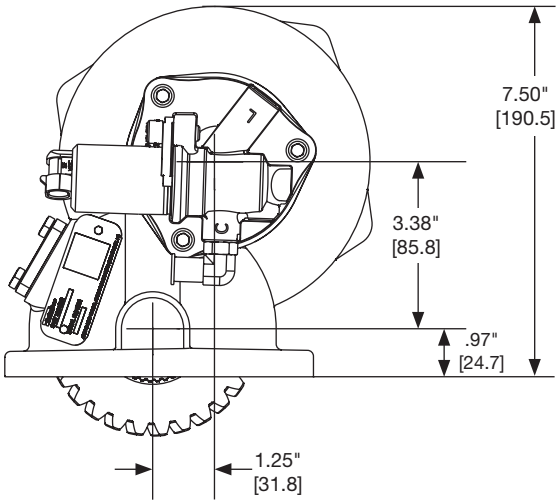


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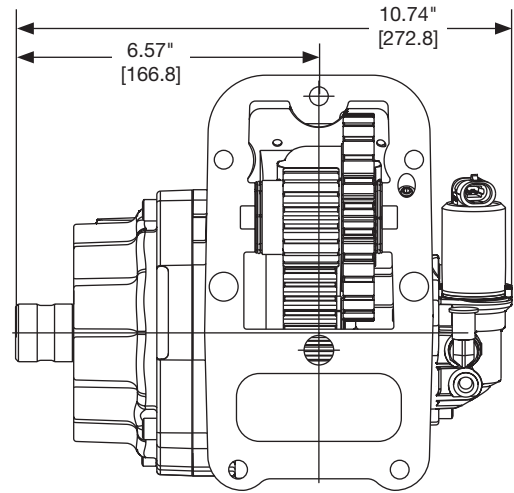
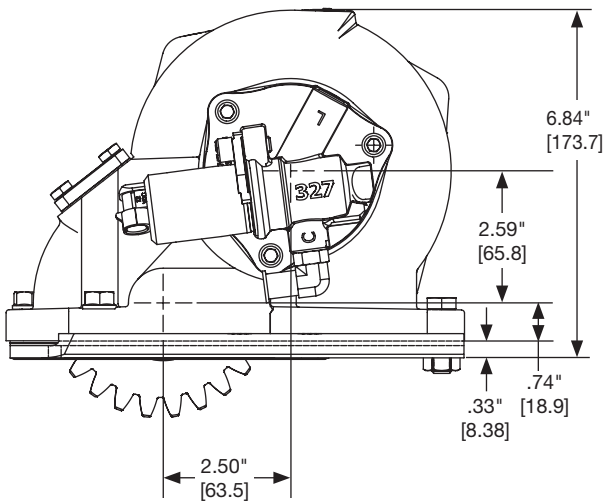


# 272/272M/282 SERIES HOUSING DIMENSIONS

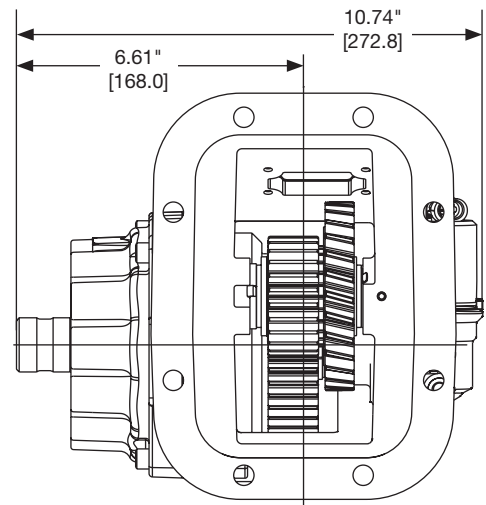
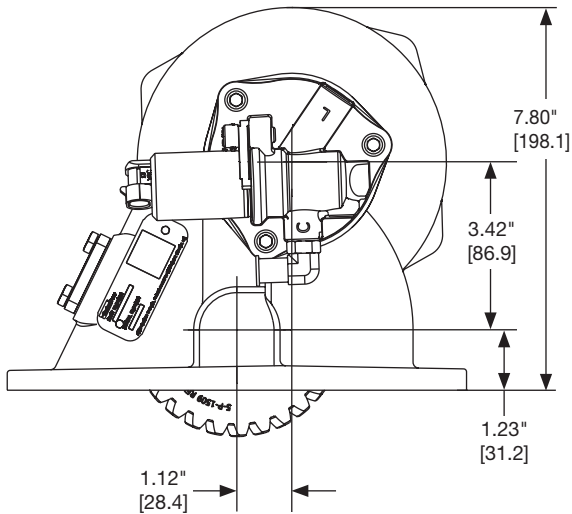
## 272 Series



## 272M Series



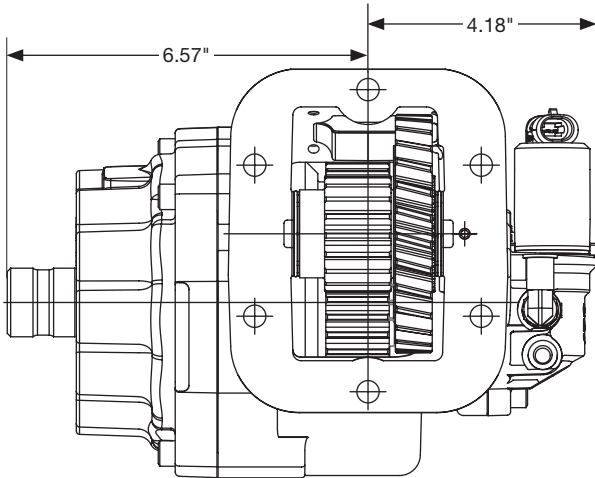
## 282 Series



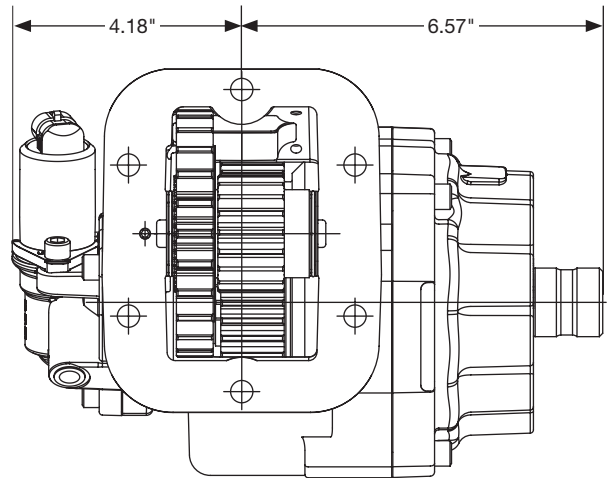
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# ASSEMBLY ARRANGEMENTS

## 272 Series

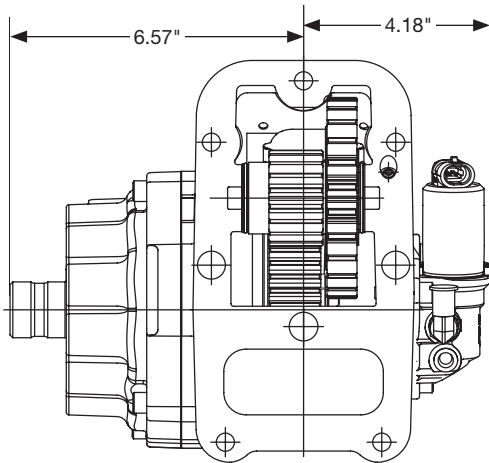


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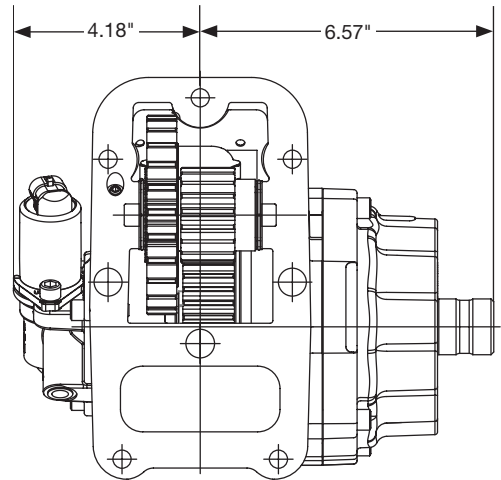


"3" Arrangement

## 272M Series

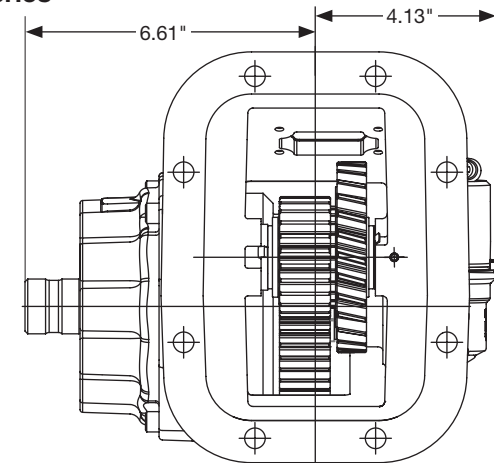


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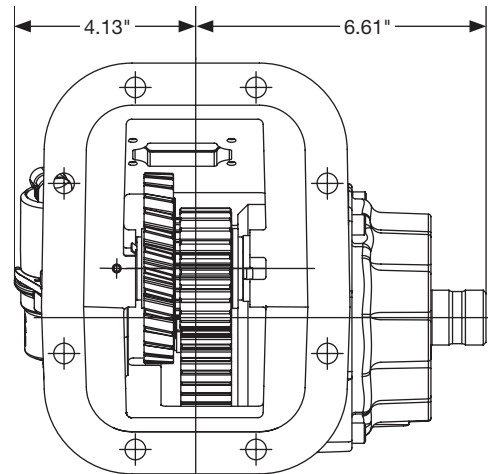


"3" Arrangement

## 282 Series



"5" Arrangement



"3" Arrangement