

MULTI-SPEED MUD PUMP TRANSMISSION - X2R

Model

- 2 Speed X2R

Rating

- 1,600 HP @ 2,100 RPM

Gear Ratios

- 2:1 & 3:1 Reduction Ratios

Features & Options

- Side load capability
- Reduced overall footprint
- Improved engine efficiency
- Reduces the need for liner change-outs
- Specifically designed for high speed diesel engines
- LH/RH gauge and filter locations available

Gearbox Housing

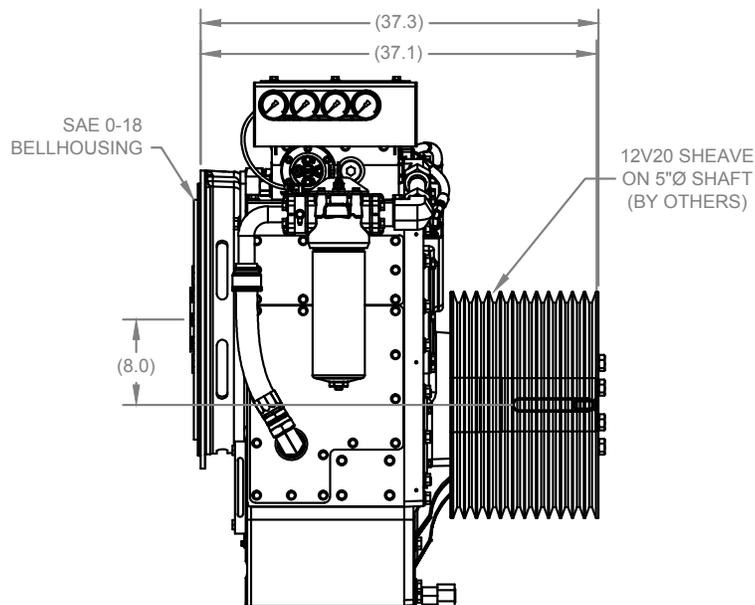
- Ductile Iron Housing

Bell Housing

- SAE "0" and "00" for engine mounting

Gears

- Carburized and ground alloy steel



Clutch

- Smooth engagement/soft start multi plate wet clutch
- High speed disengagement
- Low viscous drag clutch

Input Coupling

- Resilient coupling is tuned to absorb any excessive torsional vibrations in the system
- Silicone material resistant to heat and oil
- 19" and 21" flywheel adapters

Lubrication and Hydraulic System

- Forced lubrication system includes:
 - Pressure and Temperature gauges
 - Relief valve and oil filter with bypass
- Self-contained oil reservoir
- Integral oil pump

Transmission Control Module

- Electronic control and monitoring of hydraulics
- Operation of clutch solenoids
- Communicates with Engine Control Module (ECM)
- High speed clutch engagement interlock



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