

NEW
2nd Qtr 2010

DURST

TARGETED APPLICATIONS

- Agricultural, Construction, Forestry, Industrial, Mining, and Power Generation
- New Tier 4 engines

FEATURES

- **Modular Design** – bearings and gears are self-contained within the housings. Adapter groups are not required for assembly of gearbox.
- **SOS Spur Gears** – (solid on shaft) one-piece gear/shaft design provides consistent and uniform alignment. Reduces the total number of parts. One-piece design simplifies assembly.
- **Improved Durability** – oil passages built into the housings, along with bearing design, create constant oil flow across splines and through bearings, resulting in longer trouble-free operation. This wet spline feature is patented (No. 7,152,711).
- **Simplicity** – the single seal, bearing, gear, and adapter group design, already available across the entire Durst Pump Drive product line, is easy to assemble and service.

BENEFITS

- **High Rating** – gear geometry (AGMA class 10) and large ball bearing design, result in high horsepower and torque rating.
- **Serviceability** – does not require pressing shafts through housings and gears in order to assemble. Ball bearings do not require special shimming in order to set end play. Pump pads and input adapters can be easily changed without disturbing bearings.
- **Availability** – Commonality of parts and shorter assembly time, results in quicker turn-a-round. Immediately available from stocking distributors or from the factory.

1PD09 PUMP DRIVE

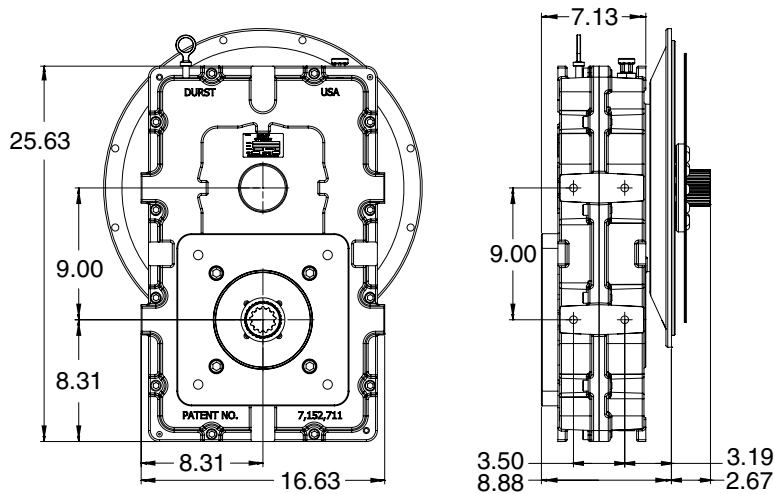


SPECIFICATIONS

- Single Output
- 9" Drop Gear Centers
- 815 Hp @ 2500 rpm
- 1,710 lb-ft Torque
- Ratios from 1:1 to 2:1
- Dimensions: 7.6"D x 16.6"W x 25.6"H (see reverse side for details)
- Designed to SAE and AGMA standards
- Estimated Weight: 325 lbs.

Driven by DURST

DIMENSIONS 1PD09



Driven by DURST

Since 1932 when Walter Durst converted his poultry farm into a small foundry and iron works, Durst has become a leader in the power transmission industry. In 1967, Durst was acquired by Regal Beloit Corporation (NYSE: RBC), a leading manufacturer of mechanical and electrical motion control and power generation products serving markets throughout the world.

In addition to direct drive and gear driven pump drives, Durst manufactures bevel, worm, irrigation and parallel shaft drives as well as shifting transmissions, transfer cases, opening gearing and turning gears for a multitude of applications. As a division of Regal Beloit, Durst is a company that truly provides products "at the heart of what drives your world."



DURST

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