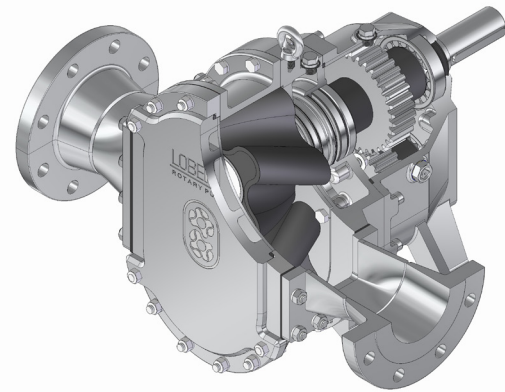




LOBEPRO

ROTARY PUMPS

L266



Positive Displacement Rotary Lobe Pumps

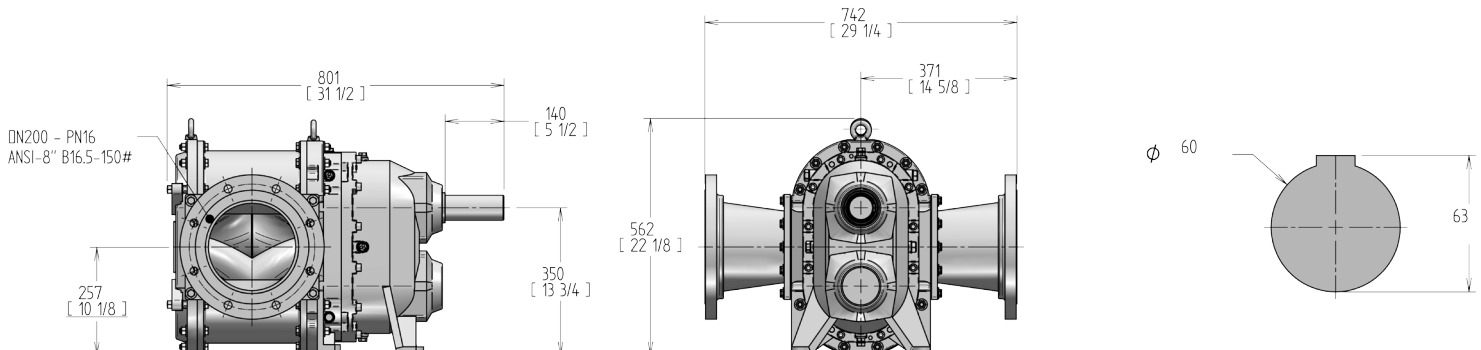
SPECIFICATIONS US Metric

| | | |
|--|--------------|-------------------------|
| Rated Capacity: | 0-1,330 gpm | 0-302 m ³ /h |
| Displacement (per 100 revolutions): | 266 gal (US) | 1,003 L |
| Working Pressure: | 50 psi | 3.5 bar |
| Max. Pressure: | 75 psi | 5.2 bar |
| Starting Torque: | 3,857 in lbf | 436 N m |
| Rated Speed: | 0-500 RPM** | 0-500 RPM** |
| Shaft Diameter: | 2.5" | 63 mm |
| Flange Connection | ANSI 8" | DN 200 |
| Weight: | 616 lbs | 280 kg |
| Solids Handling | | |
| Spherical Compressible | 3" | 76 mm |
| Spherical Hard* | 1/8" | 3 mm |

* Larger hard solids will pass through but may cause damage.

| MODEL > | GL266 | SL266 | CL266 |
|---------------------------|---|---|--|
| Service | General Use | Sludge, Mud and Slurries | Chemical/Corrosive |
| Rotary Lobes | | | |
| Elastomer | NBR | NBR | FKM/Viton |
| Lobe Profile | Helix | Helix | Helix |
| Number of lobe wings | 4 | 4 | 4 |
| Core | ASTM A48 | ASTM A48 | ASTM A48 |
| Sealing | | | |
| O-rings | NBR | NBR | FKM/Viton |
| Oil seals | NBR Option HNBR | NBR Option HNBR | FKM/Viton |
| Cartridge Seals | | | |
| Mechanical Seal | Duronit | Duronit | Silicon Carbide |
| Seal Holders | Mild Steel coated with Electroless Nickel | Mild Steel coated with Electroless Nickel | Stainless Steel 316 |
| Housing Segments** | | | |
| Medium touched | Class 30 Grey Iron | AGI-600 Austempered Grey Iron | Stainless Steel 316 |
| Wear Plates | | | |
| Medium touched | A36 Steel | AR500 Steel (Brinell 500) | Stainless Steel 316 |
| Shaft | | | |
| Medium Untouched | AISI 4140 Steel | AISI 4140 Steel | AISI 4140 Steel, Electroless Nickel Coated |
| Quench Chamber | | | |
| Medium touched | ASTM A48 rust primed | ASTM A48 rust primed | ASTM A48 Electroless Nickel Coated |
| Gear Housing | | | |
| Casting | ASTM A48 | ASTM A48 | ASTM A48 |
| Bolts | | | |
| Medium touched | Steel ASTM F568/ISO 898/I | Steel ASTM F568/ISO 898/I | Stainless Steel DIN 931 A2-A4 |
| Bolts- Strain Bolt | | | |
| Medium untouched | ASTM A574M-12.9 Zinc Plated | ASTM A574M-12.9 Zinc Plated | ASTM A574M-12.9 Electroless Nickel coated |
| Gears | | | |
| Medium untouched | AGMA Class 9 SAE 1045 steel | AGMA Class 9 SAE 1045 steel | AGMA Class 9 SAE 1045 steel |
| Pressure Disc | | | |
| Medium touched | A36 Steel | A36 Steel | Stainless Steel 316 |
| Bolt Circle | | | |
| Medium touched | A36 Steel | A36 Steel | Stainless Steel 316 |

NOTE: A wide range of optional materials are available for each model. Above specs are for standard builds. Consult Factory for other variations.

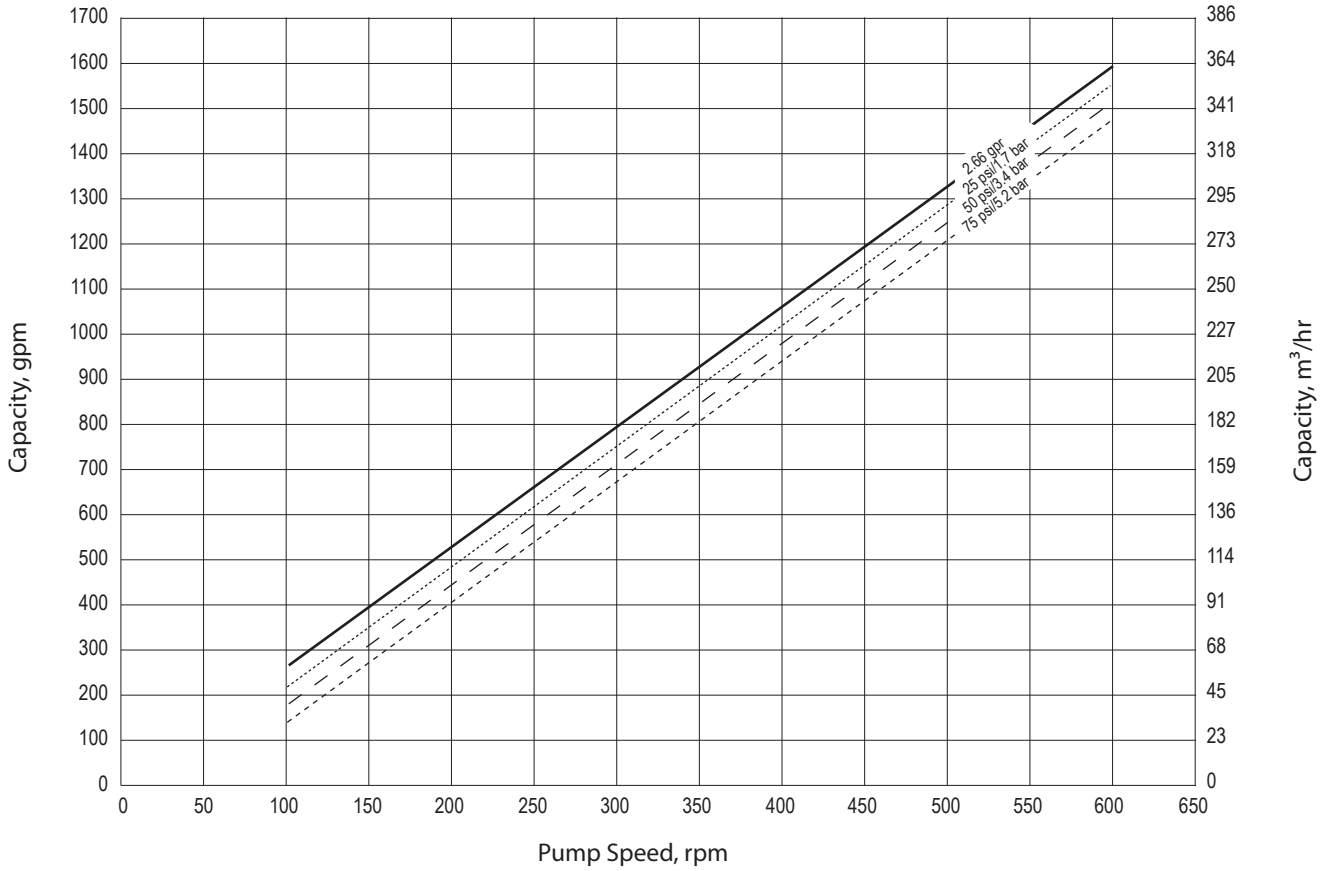


Section 40-50

29 August 2011

L266 CURVES

Performance Curve



Horsepower Requirements

