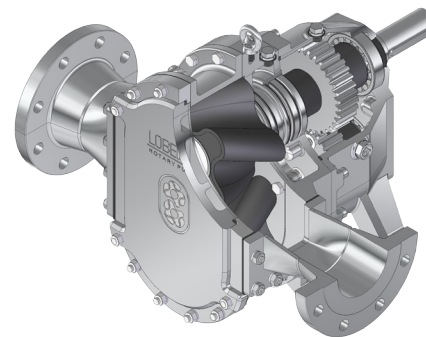




# L133d



## SPECIFICATIONS

	US	Metric
Rated Capacity:	0-665 gpm	0-151 m <sup>3</sup> /h
Displacement (per 100 revolutions):	133 gal (US)	501 L
Working Pressure:	150 psi	10.3 bar
Max. Pressure:	175 psi	12 bar
Starting Torque:	3,857 in lbf	436 N m
Rated Speed:	0-500 RPM**	0-600 RPM**
Shaft Diameter:	2.5"	63 mm
Flange Connection	ANSI 6"	DN 150
Weight:	507 lbs	230 kg
Solids Handling		
Spherical Compressible	3"	76 mm
Spherical Hard	1/8"	3 mm

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

## Positive Displacement Rotary Lobe Pumps

### MODEL >

#### Service

### GL133d

#### General Use

### SL133d

#### Sludge, Mud and Slurries

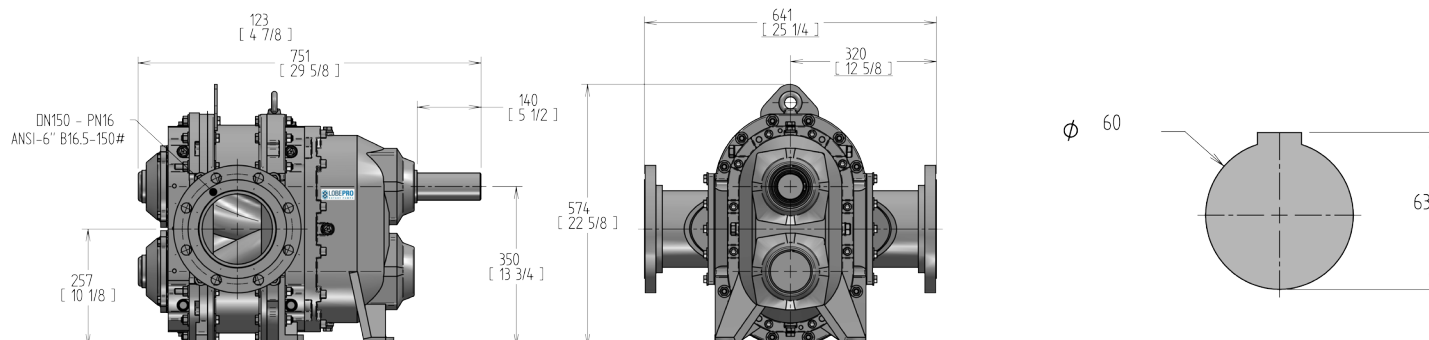
### CL133d

#### 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
<b>Sealing</b>			
O-rings	NBR	NBR	FKM/Viton
Oil seals	NBR Option HNBR	NBR Option HNBR	FKM/Viton
<b>Cartridge Seals</b>			
Mechanical Seal	Duronit	Duronit	Silicon Carbide
Seal Holders	Mild Steel coated with Electroless Nickel	Mild Steel coated with Electroless Nickel	Stainless Steel 316
<b>Housing Segments**</b>			
Medium touched	Class 30 Grey Iron	AGI-600 Austempered Grey Iron	Stainless Steel 316
<b>Wear Plates</b>			
Medium touched	A36 Steel	AR500 Steel (Brinell 500)	Stainless Steel 316
<b>Shaft</b>			
Medium Untouched	AISI 4140 Steel	AISI 4140 Steel	AISI 4140 Steel, Electroless Nickel Coated
<b>Quench Chamber</b>			
Medium touched	ASTM A48 rust primed	ASTM A48 rust primed	ASTM A48 Electroless Nickel Coated
<b>Gear Housing</b>			
Casting	ASTM A48	ASTM A48	ASTM A48
<b>Bolts</b>			
Medium touched	Steel ASTM F568/ISO 898/I	Steel ASTM F568/ISO 898/I	Stainless Steel DIN 931 A2-A4
<b>Bolts- Strain Bolt</b>			
Medium untouched	ASTM A574M-12.9 Zinc Plated	ASTM A574M-12.9 Zinc Plated	ASTM A574M-12.9 Electroless Nickel coated
<b>Gears</b>			
Medium untouched	AGMA Class 9 SAE 1045 steel	AGMA Class 9 SAE 1045 steel	AGMA Class 9 SAE 1045 steel
<b>Pressure Disc</b>			
Medium touched	A36 Steel	A36 Steel	Stainless Steel 316
<b>Bolt Circle</b>			
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.

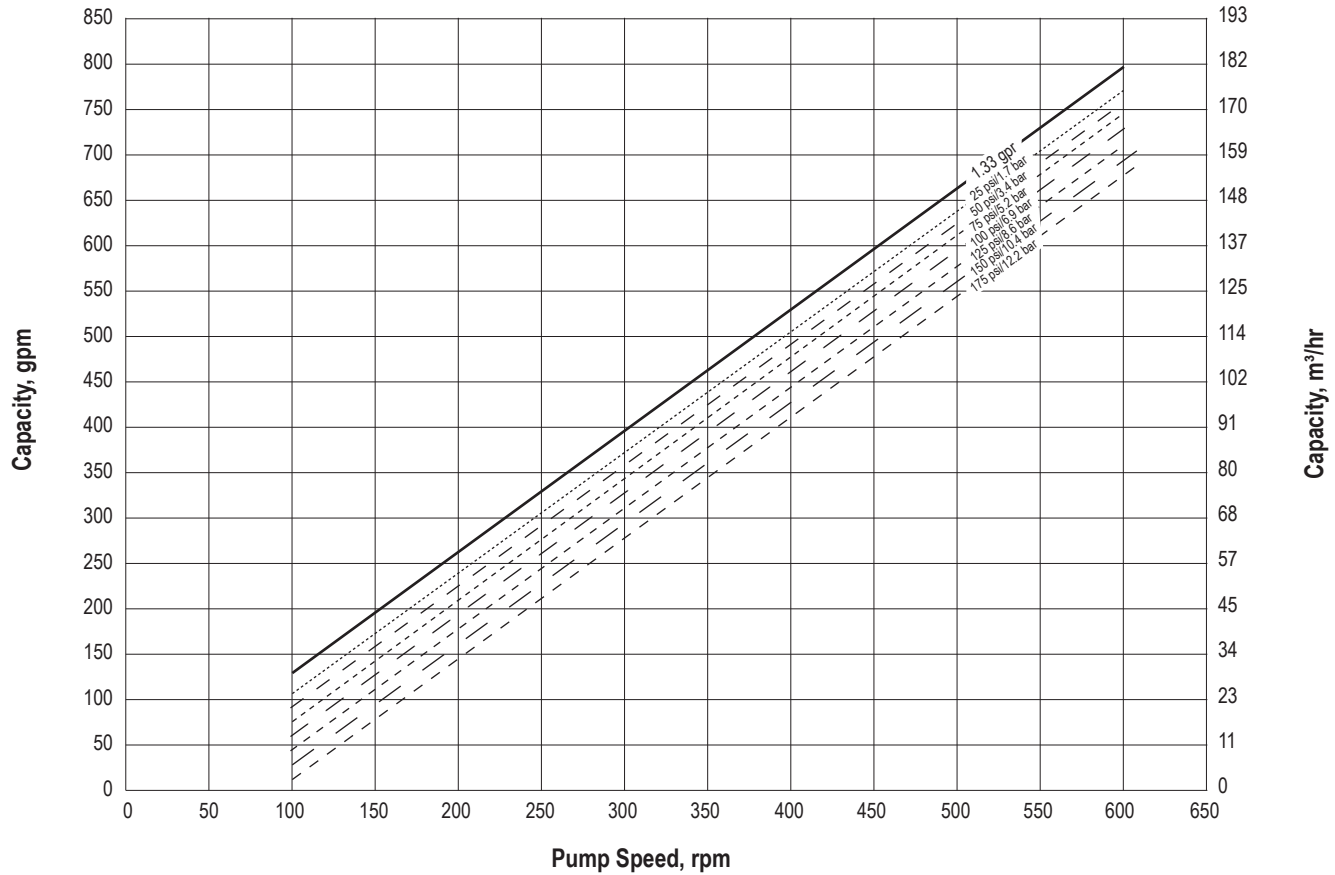


# Section 40-45

29 August 2011

## L133d CURVES

### Performance Curve



### Horsepower Requirements

