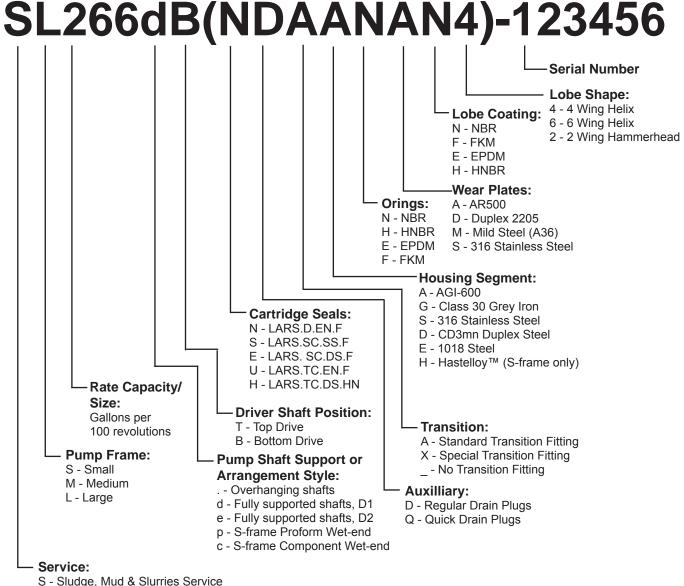


LobePro Pump Identification

LobePro rotary pumps are modelled and identified according to its intended application or use. Standard pump assembly is for none to abrasive application. The nomenclature below describes the standard pump frame size, capacity, pressure capability, drive shaft arrangement, application and the serial number. Other options are available. Most common are listed below.



- C Chemical & Corrosive Service
- D Duplex Steel-Oil & Gas Service

API-S - API 676 Compliant Service in a Abrasive & Sludge Application

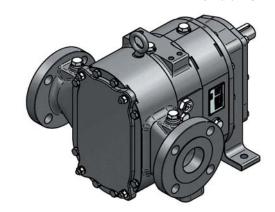
API-C - API 676 Compliant Service in a Chemical or Corrosive Application

API-D - API 676 Compliant Service in an Oil & Gas Application

Example: The pump series described above is a large rotary pump with rated capacity of 266 gallons per 100 revolutions. The pump is for high pressure application with a bottom drive shaft, pumping an extremely abrasive material. This pump also features: LARS.D.EN.F Cartridge Seals, Regular Drain Plugs, ANSI Standard Steel Transition Fittings, AGI 600 Housing Segments, NBR Orings, AR500 Wear Plates, NBR 70 Coated 4 Wing Helix Lobes. The pump serial number is 123456. LobePro typical applications are listed in Manual Section 30.



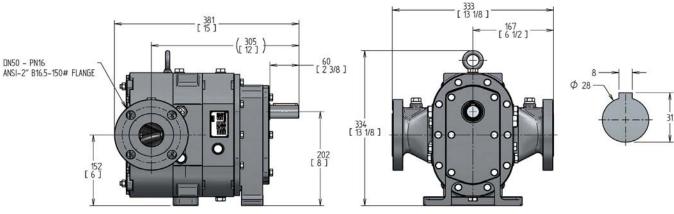
SPECIFICATIONS	US	Metric
Rated Capacity: Displacement (per 100 revolutions): Working Pressure (continuous): Max. Pressure (intermittent) Rated Speed: Flange Connection Class: Flange Connection Size: Weight: Solids Handling:	0-72 gpm 8 gal (US) 175 psi 200 psi 0-900 RPM ANSI 16.5-150# ANSI 2" 150 lbs	0-16 M³/Hr 30 L 12 Bar 13.8 Bar 0-900 RPM DN – PN 16 DN 50 68 Kg
Spherical Compressible	0.75"	19 mm
Spherical Hard*	1/8"	3 mm
* Larger hard solids will pass through but may o	cause damage.	/



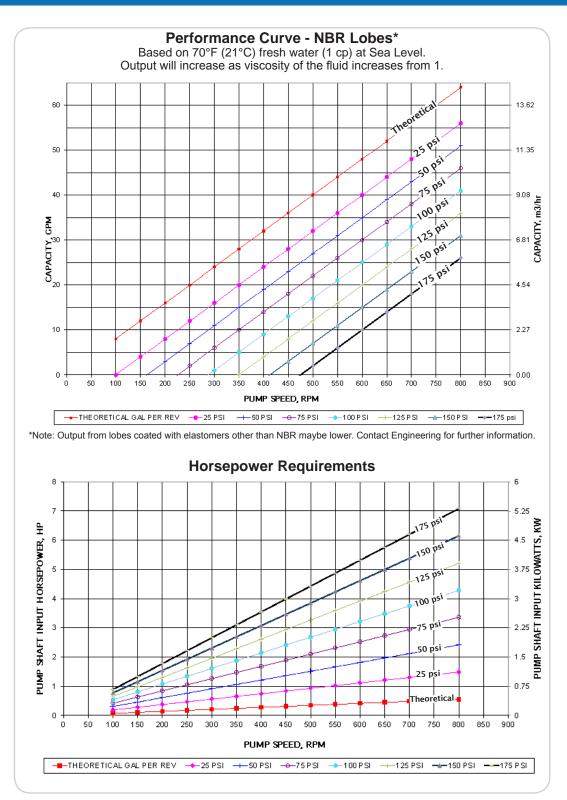
Positive Displacement Rotary Lobe Pumps

MODEL >	SS8p	CS8p	DS8p
Service	Sludge, Mud and Slurries*	Chemical/Corrosive	Oil, Gas & Abrasives
WETTED PARTS			
Rotary Lobes			
Elastomer Lobe Profile	NBR Opt. HNBR, FKM, EPDM or Eng. Rec.	FKM or HNBR Opt. NBR, EPDM or Eng. Rec. Helix	FKM or HNBR Opt. NBR, EPDM or Eng. Rec.
Number of lobe wings	Helix	neiix 6	Helix
Core	Carbon Steel	Carbon Steel	Carbon Steel
Sealing Elastomers			
O-rings	FKM	FKM or Engineer Recommendation	FKM or Engineer Recommendation
Lip seals Mechanical Seals	FKM or Engineer Recommendation	FKM or Engineer Recommendation	FKM or Engineer Recommendation
Mechanical Seal	Duronit	Silicon Carbide	Silicon Carbide
	Opt. Tungsten Carbide, Silicon Carbide or Eng.Rec	Dopt. Tungsten Carbide or Engineer Rec.	Opt. Tungsten Carbide or Engineer Rec.
Seal Holders	Carbon Steel with Corrosion resistant coating	Stainless Steel Type 316	Duplex Stainless Steel
Wear Plates	AR500 Steel (Brinell 500)	Stainless Steel Type 316	Duplex Stainless Steel
Pump Wetend Housing			
Proform design**	Class 30 Grey Iron	Duplex CD3Mn Stainless Steel	Duplex CD3Mn Stainless Steel
Bolts	Carbon Steel ISO 898-I	Stainless Steel A2-A4	Duplex Stainless Steel
Pressure Disc	Stainless Steel Type 316L	Stainless Steel Type 316L	Duplex Stainless Steel
LIMITED EXPOSURE PARTS			
Pump Cover	Carbon Steel Opt. Engineering Recommendation	Carbon Steel Opt. 316 Stainless Steel	Carbon Steel Opt. Duplex Stainless Steel
NON-WETTED PARTS		•	
Quench /Seal Cooling Chamber	Carbon Steel	Carbon Steel	Carbon Steel
Gears	GMA Class 9 AISI 1045 steel	GMA Class 9 AISI 1045 steel	GMA Class 9 AISI 1045 steel
Gear Housing	Carbon Steel or ASTM A48 Grey Iron rust primed	Carbon Steel or ASTM A48 Grey Iron	Carbon Steel or ASTM A48 Grey Iron
Shaft	AISI 4140 Alloy Steel	AISI 4140 Alloy Steel	AISI 4140 Alloy Steel
PAINTING REQUIREMENTS			
Standard Painting	SSPC/SP6 Sandblast Paint	SSPC/SP6 Sandblast Paint	SSPC/SP6 Sandblast Paint
	LobePro Blue	LobePro Silver	LobePro Silver

NOTE: Listed above are standard pump assemblies; lobe styles and materials subject to recommendation by LobePro Engineering. A wide range of optional materials are available for each model. Consult LobePro for further information. *Consult Factory for application temperature above 80°C (175°F). **Proform housing segment incorporates housing segment, flange ring, barrier plate and integral suction and discharge flange fittings in one piece. Component Design available in Sc line.



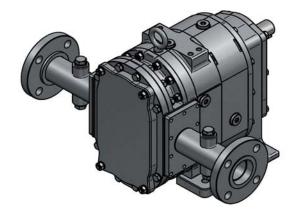
S8 CURVES





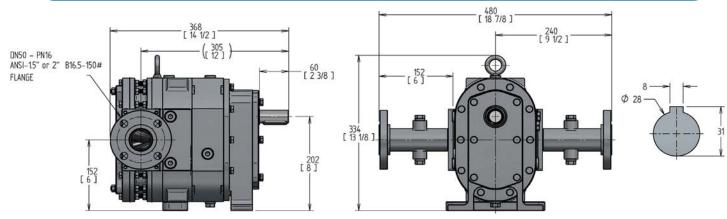
S8c

SPECIFICATIONS	US	Metric	
Rated Capacity: Displacement (per 100 revolutions): Working Pressure (continuous): Max. Pressure (intermittent) Rated Speed: Flange Connection Class: Flange Connection Size: Weight: Solids Handling:	0-72 gpm 8 gal (US) 175 psi 200 psi 0-900 RPM ANSI 16.5-150# ANSI 1.5" 141 lbs	0-16 M³/Hr 30 L 12 Bar 13.8 Bar 0-900 RPM DN – PN 16 DN 40 64 Kg	
Spherical Compressible Spherical Hard*	0.75" 1/8"	19 mm 3 mm	
* Larger hard solids will pass through but may	cause damage.		,



Positive Displacement Rotary Lobe Pumps

MODEL > SS8c CS8c Sludge, Mud and Slurries* Chemical/Corrosive Service WETTED PARTS Rotary Lobes NBR Opt. HNBR, FKM, EPDM or Eng. Rec. FKM or HNBR Opt. NBR, EPDM or Eng. Rec. Lobe Profile Number of lobe wings Carbon Steel Carbon Steel **Sealing Elastomers** FKM or Engineer Recommendation FKM or Engineer Recommendation Lip seals FKM or Engineer Recommendation Mechanical Seals
Mechanical Seal Opt. Tungsten Carbide, Silicon Carbide or Engineer Rec. Carbon Steel with Corrosion resistant coating Opt. Tungsten Carbide or Engineer Rec. Stainless Steel Type 316 Seal Holders Wear Plates AR500 Steel (Brinell 500) Stainless Steel Type 316 **Housing Segments Duplex Stainless Steel** Carbon Steel ASTM A36 Carbon Steel Flange Ring Stainless Steel Type 316L Bolts Carbon Steel ISO 898-I Stainless Steel A2-A4 Pressure Disc Stainless Steel Type 316L Stainless Steel Type 316L LIMITED EXPOSURE PARTS Quench Adaptor/Barrier Plate Carbon Steel Pump Cover Carbon Steel Opt. Engineering Recommendation Carbon Steel Opt. 316 Stainless Steel NON-WETTED PARTS Quench /Seal Cooling Chamber Carbon Steel Carbon Steel GMA Class 9 AISI 1045 steel GMA Class 9 AISI 1045 steel Gears **Gear Housing** Carbon Steel or ASTM A48 Grey Iron rust primed Carbon Steel or ASTM A48 Grey Iron Shaft AISI 4140 Alloy Steel AISI 4140 Alloy Steel PAINTING REQUIREMENTS Standard Painting SSPC/SP6 Sandblast Paint SSPC/SP6 Sandblast Paint LobePro Silver

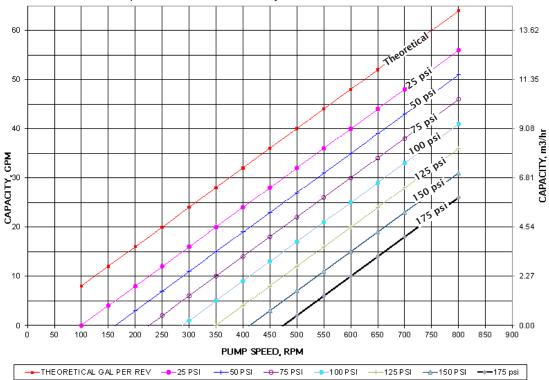


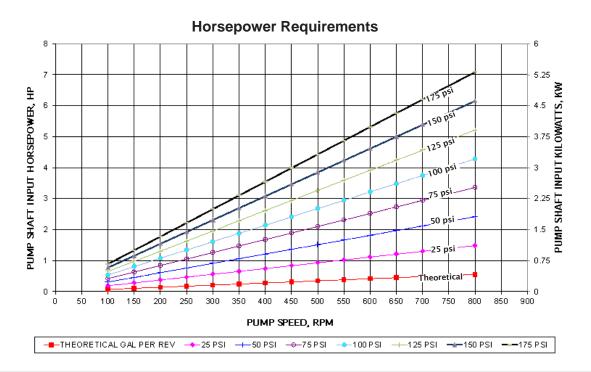
LobePro, Inc. • 2610 Sidney Lanier Drive • Brunswick, Georgia 31525 • 912-466-0304 • 1-888-997-7867 • www.LobePro.com
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S8 CURVES

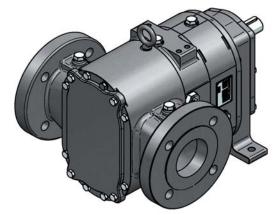
Performance Curve - NBR Lobes*

Based on 70°F (21°C) fresh water (1 cp) at Sea Level. Output will increase as viscosity of the fluid increases from 1.





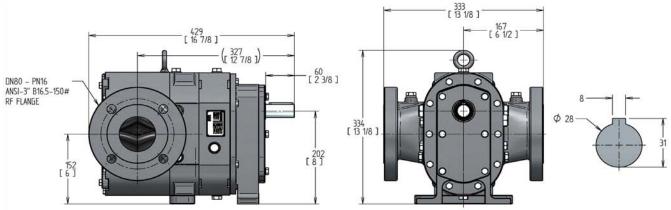
Rated Capacity: 0 - 144 gpm 0 - 32 M³/hr Displacement (per 100 revolutions): 16 gal (US) 60 L Working Pressure (continuous): 150 psi 10.3 Bar Max. Pressure (intermittent): 175 psi 12.1 Bar Rated Speed: 0-900 RPM 0-900 RPM Flange Connection Class: ANSI 16.5-150# DN - PN 16 Flange Connection Size: ANSI 3" DN 80 Weight: 175 lbs 80 Kg	SPECIFICATIONS	US	Metric
	Displacement (per 100 revolutions): Working Pressure (continuous): Max. Pressure (intermittent): Rated Speed: Flange Connection Class: Flange Connection Size:	16 gal (US) 150 psi 175 psi 0-900 RPM ANSI 16.5-150# ANSI 3"	60 L 10.3 Bar 12.1 Bar 0-900 RPM DN – PN 16 DN 80
Spherical Compressible			



Positive Displacement Rotary Lobe Pumps

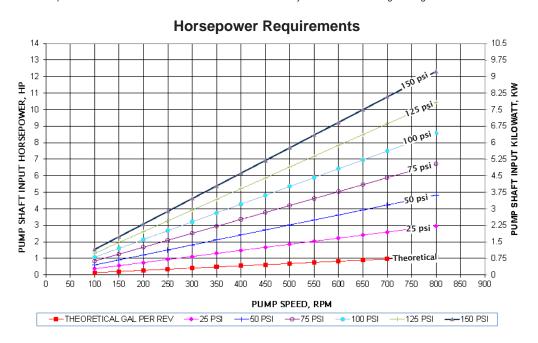
MODEL >	SS16p	CS16p	DS16p	HS16p
Service	Sludge, Mud & Slurries	Chemical/Corrosive	Oil, Gas & Abrasives	Highly Corrosive, H2S
WETTED PARTS				
Rotary Lobes				
Elastomer	NBR	FKM or HNBR;	FKM or HNBR	FKM or HNBR
Lobe Profile	Opt. HNBR, FKM, EPDM, Eng. Rec. Helix	Opt. NBR, EPDM, Eng. Rec. Helix	Opt. NBR, EPDM, Eng. Rec. Helix	Opt. NBR, EPDM, Eng. Rec. Helix
Number of lobe wings	6	6	6	6
Core	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel
Sealing Elastomers				
O-rings	FKM	FKM or Engineer Recommendation	FKM or Engineer Recommendation	FKM or Engineer Recommendation
Lip seals	FKM or Engineer Recommendation	FKM or Engineer Recommendation	FKM or Engineer Recommendation	FKM or Engineer Recommendation
Mechanical Seals	-	0.11	0" 0 111	0
Mechanical Seal	Duronit Opt. Tungsten Carbide or Silicon Carbide	Silicon Carbide	Silicon Carbide Opt. Tungsten Carbide or Eng. Rec.	Silicon Carbide Opt. Tungsten Carbide or Eng. Rec.
Seal Holders	Carbon Steel with Corrosion resistant coating	Stainless Steel Type 316	Duplex Stainless Steel	Duplex Stainless Steel
Wear Plates	AR500 Steel (Brinell 500)	Stainless Steel Type 316	Duplex Stainless Steel	Duplex Stainless Steel
Pump Wetend Housing				
Proform design**	Class 30 Grey Iron	Duplex CD3Mn Stainless Steel	Duplex CD3Mn Stainless Steel	Hastelloy™ CW-2M
Bolts	Carbon Steel ISO 898-I	Stainless Steel A2-A4	Duplex Stainless Steel	Duplex Stainless Steel
Pressure Disc	Stainless Steel Type 316L	Stainless Steel Type 316L	Duplex Stainless Steel	Duplex Stainless Steel
LIMITED EXPOSURE PAR	· · · · · · · · · · · · · · · · · · ·	3		
Pump Cover	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel
- ump oover	Opt. Engineering Rec.	Opt. 316 Stainless Steel	Opt. Duplex Stainless Steel	Opt. Duplex Stainless Steel
NON-WETTED PARTS				
Quench /Seal Cooling	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel
Chamber				
Gears	GMA Class 9 AISI 1045 steel	GMA Class 9 AISI 1045 steel	GMA Class 9 AISI 1045 steel	GMA Class 9 AISI 1045 steel
Gear Housing	Carbon Steel or ASTM A48 Grey Iron	Carbon Steel or ASTM A48 Grey Iron	Carbon Steel or ASTM A48 Grey Iron	Carbon Steel or ASTM A48 Grey Iron
	rust primed			
Shaft	AISI 4140 Alloy Steel	AISI 4140 Alloy Steel	AISI 4140 Alloy Steel	AISI 4140 Alloy Steel
PAINTING REQUIREMENT	TS			
Standard Painting	SSPC/SP6 Sandblast Paint	SSPC/SP6 Sandblast Paint	SSPC/SP6 Sandblast Paint	SSPC/SP6 Sandblast Paint
	LobePro Blue	LobePro Silver	LobePro Silver	LobePro Silver

NOTE: Listed above are standard pump assemblies; lobe styles and materials subject to recommendation by LobePro Engineering. A wide range of optional materials are available for each model. Consult LobePro for further information. *Consult Factory for application temperature above 80°C (175°F). **Proform housing segment incorporates housing segment, flange ring, barrier plate and integral suction and discharge flange fittings in one piece. Component Design available in Sc line.



S16 CURVES

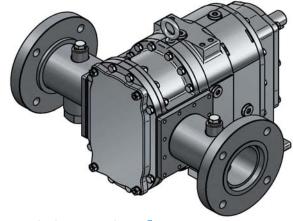
Performance Curve - NBR Lobes* Based on 70°F (21°C) fresh water (1 cp) at Sea Level. Output will increase as viscosity of the fluid increases from 1. 130 29.51 Theoretical 120 27.24 110 24.97 50 Psi 100 22.70 15 psi 90 20.43 100 psi 80 18.16 O M 70 15.89 CAPACITY, 0 60 13.62 11.35 40 9.08 30 20 4.54 10 2.27 0 0.00 900 Ó 50 100 150 200 250 300 350 400 450 500 550 600 650 700 750 800 850 PUMP SPEED, RPM





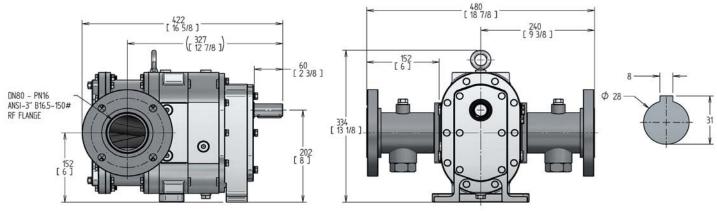
S16c

SPECIFICATIONS	US	Metric
Rated Capacity: Displacement (per 100 revolutions): Working Pressure (continuous): Max. Pressure (intermittent): Rated Speed: Flange Connection Class: Flange Connection Size: Weight: Solids Handling: Spherical Compressible Spherical Hard* * Larger hard solids will pass through but may of	0-144 gpm 16 gal (US) 150 psi 175 psi 0-900 RPM ANSI 16.5-150# ANSI 3" 175 lbs 0.75" 1/8"	0-32 M³/hr 60 L 10.3 Bar 12.1 Bar 0-900 RPM DN – PN 16 DN 80 80 Kg 19 mm 3 mm



Positive Displacement Rotary Lobe Pumps

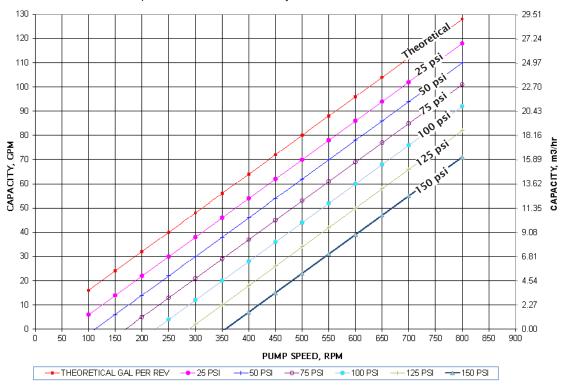
MODEL >	SS16c	CS16c
Service	Sludge, Mud and Slurries*	Chemical/Corrosive
WETTED PARTS		
Rotary Lobes		
Elastomer	NBR Opt. HNBR, FKM, EPDM or Eng. Rec.	FKM or HNBR Opt. NBR, EPDM or Eng. Rec.
Lobe Profile Number of lobe wings	Helix 6	Helix 6
Core	Carbon Steel	Carbon Steel
Sealing Elastomers		
O-rings	FKM	FKM or Engineer Recommendation
Lip seals	FKM or Engineer Recommendation	FKM or Engineer Recommendation
Mechanical Seals	D "	0111
Mechanical Seal	Duronit Opt. Tungsten Carbide, Silicon Carbide or Engineer Rec.	Silicon Carbide Opt. Tungsten Carbide or Engineer Rec.
Seal Holders	Carbon Steel with Corrosion resistant coating	Stainless Steel Type 316
Wear Plates	AR500 Steel (Brinell 500)	Stainless Steel Type 316
Housing Segments	Carbon Steel	Duplex Stainless Steel
Flange Ring	ASTM A36 Carbon Steel	Stainless Steel Type 316L
Bolts	Carbon Steel ISO 898-I	Stainless Steel A2-A4
Pressure Disc	Stainless Steel Type 316L	Stainless Steel Type 316L
LIMITED EXPOSURE PARTS		
Quench Adaptor/Barrier Plate	Carbon Steel	Carbon Steel
Pump Cover	Carbon Steel Opt. Engineering Recommendation	Carbon Steel Opt. 316 Stainless Steel
NON-WETTED PARTS		
Quench /Seal Cooling Chamber	Carbon Steel	Carbon Steel
Gears	GMA Class 9 AISI 1045 steel	GMA Class 9 AISI 1045 steel
Gear Housing	Carbon Steel or ASTM A48 Grey Iron rust primed	Carbon Steel or ASTM A48 Grey Iron
Shaft	AISI 4140 Alloy Steel	AISI 4140 Alloy Steel
PAINTING REQUIREMENTS	<u> </u>	*
Standard Painting	SSPC/SP6 Sandblast Paint	SSPC/SP6 Sandblast Paint
•	LobePro Blue	LobePro Silver

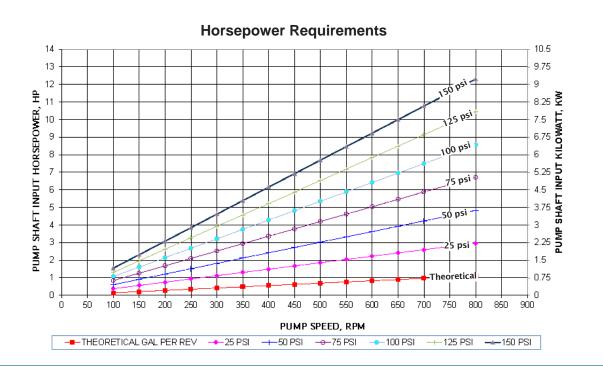


S16 CURVES

Performance Curve - NBR Lobes*

Based on 70°F (21°C) fresh water (1 cp) at Sea Level. Output will increase as viscosity of the fluid increases from 1.

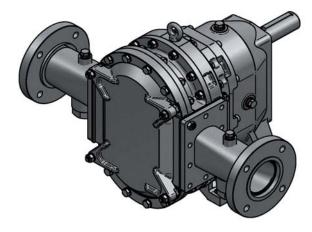






M34

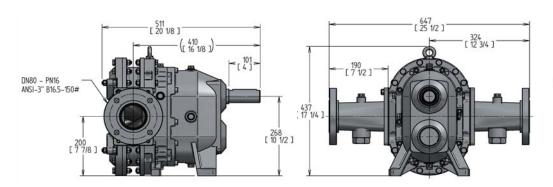
SPECIFICATIONS	US	Metric
Rated Capacity: Displacement (per 100 revolutions): Working Pressure: Max. Pressure: Starting Torque: Rated Speed: Shaft Diameter: Flange Connection Class: Flange Connection Size: Weight:	0-204 gpm 34 gal (US) 145 psi 175 psi 1,121 in lbf 0-600 RPM 1.65" ANSI 16.5-150# ANSI 3" 257 lbs	0-46 m³/h 129 L 10 bar 12 bar 127 N m 0-600 RPM 42 mm DN – PN 16 DN 80 117 kg
Solids Handling: Spherical Compressible Spherical Hard*	1.5" 1/8"	38 mm 3 mm
* Larger hard solids will pass through but may o		V 111111

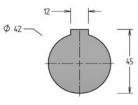


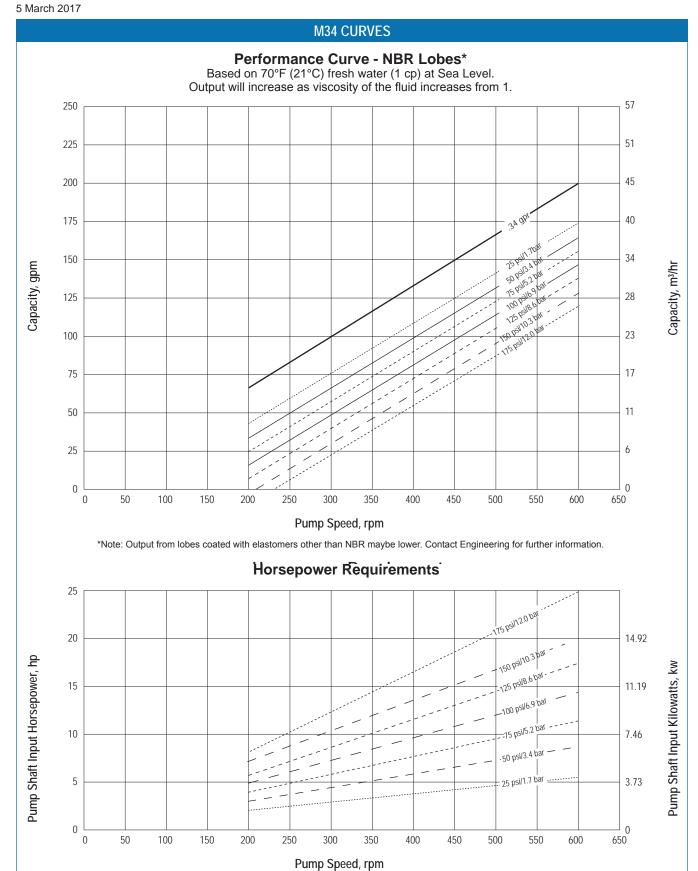
Positive Displacement Rotary Lobe Pumps

MODEL > **SM34 CM34 DM34 Service** Sludge, Mud and Slurries* Chemical/Corrosive Oil, Gas & Abrasives WETTED PARTS Rotary Lobes NBR Opt. HNBR, FKM, EPDM or Eng. Rec. FKM or HNBR Opt. NBR. EPDM or Eng. Rec. FKM or HNBR Opt. NBR, EPDM or Eng. Rec. Flastomer Lobe Profile Helix Helix Number of lobe wings Carbon Steel Carbon Steel Carbon Steel Core Sealing Elastomers FKM FKM or Engineer Recommendation FKM or Engineer Recommendation FKM or Engineer Recommendation FKM or Engineer Recommendation O-rings Lip seals FKM or Engineer Recommendation Mechanical Seals

Mechanical Seal Silicon Carbide Silicon Carbide Opt. Tungsten Carbide, Silicon Carbide, or Eng. Rec. Opt. Tungsten Carbide or Engineer Rec. Opt. Tungsten Carbide or Engineer Rec. Stainless Steel Type 316 Seal Holders Carbon Steel with Corrosion resistant coating **Duplex Stainless Steel** Wear Plates AR500 Steel (Brinell 500) Stainless Steel Type 316 **Duplex Stainless Steel** ASTM A48 Grey Iron rust primed **Duplex Stainless Steel Duplex Stainless Steel Housing Segments** Flange Ring ASTM A36 Carbon Steel Stainless Steel Type 316L **Duplex Stainless Steel** Bolts Carbon Steel ISO 898-I Stainless Steel A2-A4 **Duplex Stainless Steel** Pressure Disc Stainless Steel Type 316L Stainless Steel Type 316L **Duplex Stainless Steel** LIMITED EXPOSURE PARTS Quench /Seal Cooling Chamber ASTM A48 Grey Iron rust primed ASTM A48 Grey Iron
with PTFE / Ceramic Teflon etched on face ASTM A48 Grey Iron
with PTFE / Ceramic Teflon etched on face ASTM A48 Grey Iron rust primed ASTM A48 Grey Iron Opt. 316 Stainless Stee Pump Cover ASTM A48 Grey Iron Opt. Duplex Stainless Steel NON-WETTED PARTS Gears GMA Class 9 AISI 1045 steel GMA Class 9 AISI 1045 steel GMA Class 9 AISI 1045 steel Gear Housing ASTM A48 Grey Iron rust primed ASTM A48 Grey Iron ASTM A48 Grey Iron Shaft AISI 4140 Alloy Steel AISI 4140 Alloy Steel AISI 4140 Alloy Steel PAINTING REQUIREMENTS SSPC/SP6 Sandblast Paint SSPC/SP6 Sandblast Paint SSPC/SP6 Sandblast Paint Standard Painting LobePro Blue LobePro Silver LobePro Silver



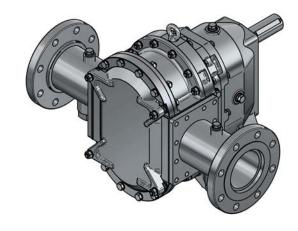






M50

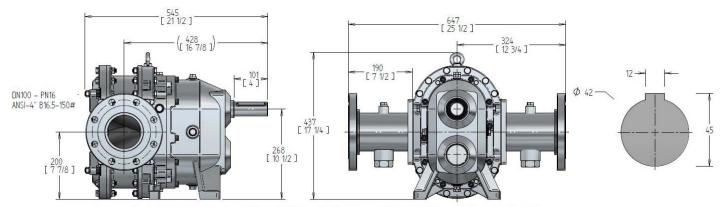
SPECIFICATIONS	US	Metric
Rated Capacity: Displacement (per 100 revolutions): Working Pressure: Max. Pressure: Starting Torque: Rated Speed: Shaft Diameter: Flange Connection Class: Flange Connection Size: Weight: Solids Handling: Spherical Compressible Spherical Hard* * Larger hard solids will pass through but may car	0-300 gpm 50 gal (US) 125 psi 150 psi 1,273 in lbf 0-600 RPM 1.65" ANSI 16.5-150# ANSI 4" 290 lbs	0-68 m³/h 189 L 8.6 bar 10.3 bar 144 N m 0-600 RPM 42 mm DN - PN 16 DN 100 132 kg 38 mm 3 mm



Positive Displacement Rotary Lobe Pumps

MODEL > **CM50 SM50 DM50** Sludge, Mud and Slurries* Chemical/Corrosive Oil. Gas & Abrasives **Service** WETTED PARTS Rotary Lobes NBR Opt. HNBR, FKM, EPDM or Eng. Rec. Elastomer Lobe Profile FKM or HNBR Opt. NBR, EPDM or Eng. Rec. FKM or HNBR Opt. NBR, EPDM or Eng. Rec. Helix Helix Helix Number of lobe wings Core Carbon Steel Carbon Steel Carbon Steel Sealing Elastomers FKM or Engineer Recommendation Lip seals Mechanical Seals

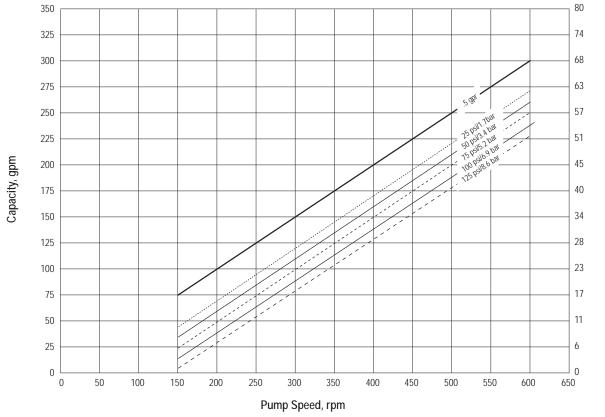
Mechanical Seal Silicon Carbide Silicon Carbide Opt. Tungsten Carbide, Silicon Carbide, or Eng. Rec. Opt. Tungsten Carbide or Engineer Rec. Opt. Tungsten Carbide or Engineer Rec. Seal Holders Carbon Steel with Corrosion resistant coating Stainless Steel Type 316 Duplex Stainless Steel Wear Plates AR500 Steel (Brinell 500) Stainless Steel Type 316 **Duplex Stainless Steel Housing Segments** ASTM A48 Grey Iron rust primed **Duplex Stainless Steel Duplex Stainless Steel** ASTM A36 Carbon Steel Stainless Steel Type 316L **Duplex Stainless Steel** Flange Ring **Duplex Stainless Steel** Carbon Steel ISO 898-I Stainless Steel A2-A4 Bolts Stainless Steel Type 316L Stainless Steel Type 316L **Duplex Stainless Steel** Pressure Disc LIMITED EXPOSURE PARTS Quench /Seal Cooling Chamber ASTM A48 Grey Iron rust primed ASTM A48 Grey Iron
with PTFE / Ceramic Teflon etched on face ASTM A48 Grey Iron
with PTFE / Ceramic Teflon etched on face Pump Cover ASTM A48 Grey Iron rust primed ASTM A48 Grey Iron Opt. 316 Stainless Steel ASTM A48 Grey Iron Opt. Duplex Stainless Steel NON-WETTED PARTS Gears GMA Class 9 AISI 1045 steel GMA Class 9 AISI 1045 steel GMA Class 9 AISI 1045 steel ASTM A48 Grey Iron ASTM A48 Grey Iron Gear Housing ASTM A48 Grey Iron rust primed AISI 4140 Alloy Steel AISI 4140 Alloy Steel AISI 4140 Alloy Steel PAINTING REQUIREMENTS Standard Painting SSPC/SP6 Sandblast Paint SSPC/SP6 Sandblast Paint SSPC/SP6 Sandblast Paint LobePro Blue LobePro Silver LobePro Silver



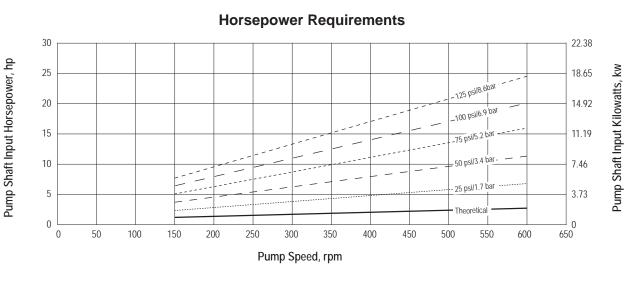
M50 CURVES

Performance Curve - NBR Lobes*

Based on 70°F (21°C) fresh water (1 cp) at Sea Level. Output will increase as viscosity of the fluid increases from 1.



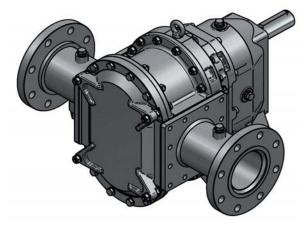
Capacity, m³/hr





M68

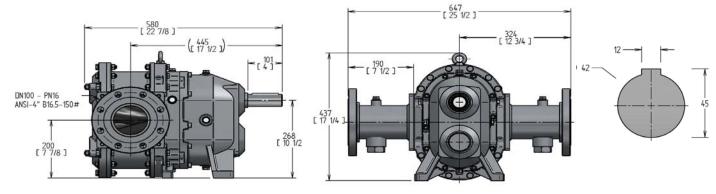
SPECIFICATIONS	US	Metric
Rated Capacity: Displacement (per 100 revolutions): Working Pressure: Max. Pressure: Starting Torque: Rated Speed: Shaft Diameter: Flange Connection Class: Flange Connection Size: Weight: Solids Handling:	0-408 gpm 68 gal (US) 100 psi 125 psi 1,417 in lbf 0-600 RPM 1.65" ANSI 16.5-150# ANSI 4" 290 lbs	0-93 m³/h 256 L 6-9 bar 8.6 bar 160 N m 0-600 RPM 42 mm DN – PN 16 DN 100 132 kg
Spherical Compressible	1.5"	38 mm
Spherical Hard* * Larger hard solids will pass through but may o	1/8" cause damage.	3 mm



Positive Displacement Rotary Lobe Pumps

MODEL >	SM68	CM68	DM68
Service	Sludge, Mud and Slurries*	Chemical/Corrosive	Oil, Gas & Abrasives
WETTED PARTS			
Rotary Lobes			
Elastomer Lobe Profile	NBR Opt. HNBR, FKM, EPDM or Eng. Rec.	FKM or HNBR Opt. NBR, EPDM or Eng. Rec. Helix	FKM or HNBR Opt. NBR, EPDM or Eng. Rec. Helix
Number of lobe wings	Helix 4	4	Helix 4
Core	Carbon Steel	Carbon Steel	Carbon Steel
Sealing Elastomers			
Ö-rings	FKM	FKM or Engineer Recommendation	FKM or Engineer Recommendation
Lip seals Mechanical Seals	FKM or Engineer Recommendation	FKM or Engineer Recommendation	FKM or Engineer Recommendation
Mechanical Seal	Duronit	Silicon Carbide	Silicon Carbide
	Opt. Tungsten Carbide, Silicon Carbide, or Eng. Rec	Opt. Tungsten Carbide or Engineer Rec	Opt. Tungsten Carbide or Engineer Rec.
Seal Holders	Carbon Steel with Corrosion resistant coating	Stainless Steel Type 316	Duplex Stainless Steel
Wear Plates	AR500 Steel (Brinell 500)	Stainless Steel Type 316	Duplex Stainless Steel
Housing Segments	ASTM A48 Grey Iron rust primed	Duplex Stainless Steel	Duplex Stainless Steel
Flange Ring	ASTM A36 Carbon Steel	Stainless Steel Type 316L	Duplex Stainless Steel
Bolts	Carbon Steel ISO 898-I	Stainless Steel A2-A4	Duplex Stainless Steel
Pressure Disc	Stainless Steel Type 316L	Stainless Steel Type 316L	Duplex Stainless Steel
LIMITED EXPOSURE PARTS			
Quench /Seal Cooling Chamber	ASTM A48 Grey Iron rust primed	ASTM A48 Grey Iron with PTFE / Ceramic Teflon etched on face	ASTM A48 Grey Iron with PTFE / Ceramic Teflon etched on face
Pump Cover	ASTM A48 Grey Iron rust primed	ASTM A48 Grey Iron Opt. 316 Stainless Steel	ASTM A48 Grey Iron Opt. Duplex Stainless Steel
NON-WETTED PARTS			
Gears	GMA Class 9 AISI 1045 steel	GMA Class 9 AISI 1045 steel	GMA Class 9 AISI 1045 steel
Gear Housing	ASTM A48 Grey Iron rust primed	ASTM A48 Grey Iron	ASTM A48 Grey Iron
Shaft	AISI 4140 Alloy Steel	AISI 4140 Alloy Steel	AISI 4140 Alloy Steel
PAINTING REQUIREMENTS			
Standard Painting	SSPC/SP6 Sandblast Paint	SSPC/SP6 Sandblast Paint	SSPC/SP6 Sandblast Paint
	LobePro Blue	LobePro Silver	LobePro Silver

Consult LobePro for further information. *Consult Factory for application temperature above 80°C (175°F).

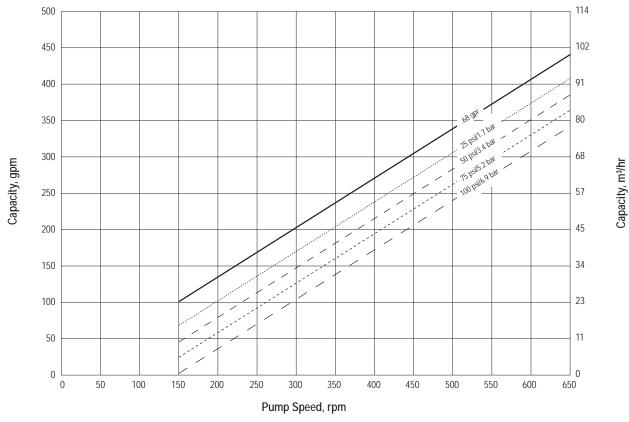


Pump Shaft Input Horsepower, hp

M68 CURVES

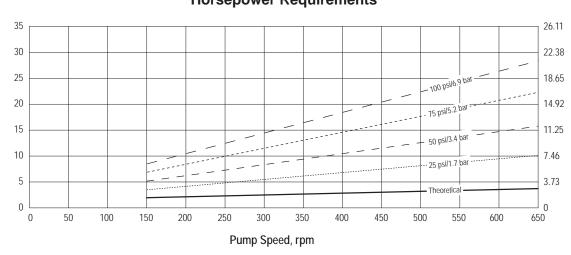
Performance Curve - NBR Lobes*

Based on 70°F (21°C) fresh water (1 cp) at Sea Level. Output will increase as viscosity of the fluid increases from 1.



*Note: Output from lobes coated with elastomers other than NBR maybe lower. Contact Engineering for further information.

Horsepower Requirements

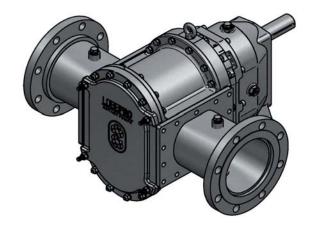


Pump Shaft Input Kilowatts, kw



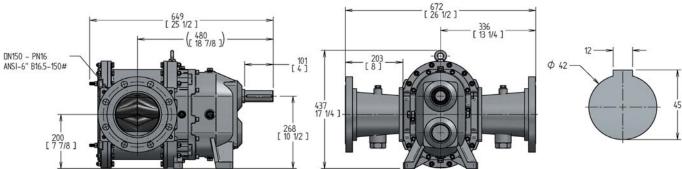
M100

SPECIFICATIONS	US	Metric
Rated Capacity: Displacement (per 100 revolutions): Working Pressure: Max. Pressure: Starting Torque: Rated Speed: Shaft Diameter: Flange Connection Class: Flange Connection Size: Weight: Solids Handling:	0-600gpm 100 gal (US) 50 psi 75 psi 1,685 in lbf 0-600 RPM 1.65" ANSI 16.5-150# ANSI 6" 390 lbs	0-136 m³/h 377 L 3.5 bar 5.2 bar 190 N m 0-600 RPM 42 mm DN – PN 16 DN 150 175 kg
Spherical Compressible Spherical Hard*	1.5" 1/8"	38 mm 3 mm
* Larger hard solids will pass through but may	cause damage.	



Positive Displacement Rotary Lobe Pumps

MODEL >	SM100	CM100	DM100
Service	Sludge, Mud and Slurries*	Chemical/Corrosive	Oil, Gas & Abrasives
WETTED PARTS			
Rotary Lobes			
Elastomer	NBR Opt. HNBR, FKM, EPDM or Eng. Rec.	FKM or HNBR Opt. NBR, EPDM or Eng. Rec.	FKM or HNBR Opt. NBR, EPDM or Eng. Rec.
Lobe Profile Number of lobe wings	Helix	Helix	Helix
Core	Carbon Steel	Carbon Steel	Carbon Steel
Sealing Elastomers			
O-rings	FKM	FKM or Engineer Recommendation	FKM or Engineer Recommendation
Lip seals	FKM or Engineer Recommendation	FKM or Engineer Recommendation	FKM or Engineer Recommendation
Mechanical Seals	D 1	0.11	0.1.
Mechanical Seal	Duronit Opt Tungston Carbido, Silicon Carbido, or Eng. Ros	Silicon Carbide	Silicon Carbide
Seal Holders	Opt. Tungsten Carbide, Silicon Carbide, or Eng. Rec Carbon Steel with Corrosion resistant coating	Stainless Steel Type 316	Opt. Tungsten Carbide or Engineer Rec. Duplex Stainless Steel
Wear Plates	AR500 Steel (Brinell 500)	Stainless Steel Type 316	Duplex Stainless Steel
Housing Segments	ASTM A48 Grey Iron rust primed	Duplex Stainless Steel	Duplex Stainless Steel
Flange Ring	ASTM A36 Carbon Steel	Stainless Steel Type 316L	Duplex Stainless Steel
Bolts	Carbon Steel ISO 898-I	Stainless Steel A2-A4	Duplex Stainless Steel
Pressure Disc	Stainless Steel Type 316L	Stainless Steel Type 316L	Duplex Stainless Steel
LIMITED EXPOSURE PARTS			
Quench /Seal Cooling Chamber	ASTM A48 Grey Iron rust primed	ASTM A48 Grey Iron	ASTM A48 Grey Iron
		with PTFE / Ceramic Teflon etched on face	with PTFE / Ceramic Teflon etched on face
Pump Cover	ASTM A48 Grey Iron rust primed	ASTM A48 Grey Iron Opt. 316 Stainless Steel	ASTM A48 Grey Iron Opt. Duplex Stainless Steel
NON-WETTED PARTS			
Gears	GMA Class 9 AISI 1045 steel	GMA Class 9 AISI 1045 steel	GMA Class 9 AISI 1045 steel
Gear Housing	ASTM A48 Grey Iron rust primed	ASTM A48 Grey Iron	ASTM A48 Grey Iron
Shaft	AISI 4140 Alloy Steel	AISI 4140 Alloy Steel	AISI 4140 Alloy Steel
PAINTING REQUIREMENTS			
Standard Painting	SSPC/SP6 Sandblast Paint	SSPC/SP6 Sandblast Paint	SSPC/SP6 Sandblast Paint
	LobePro Blue	LobePro Silver	LobePro Silver

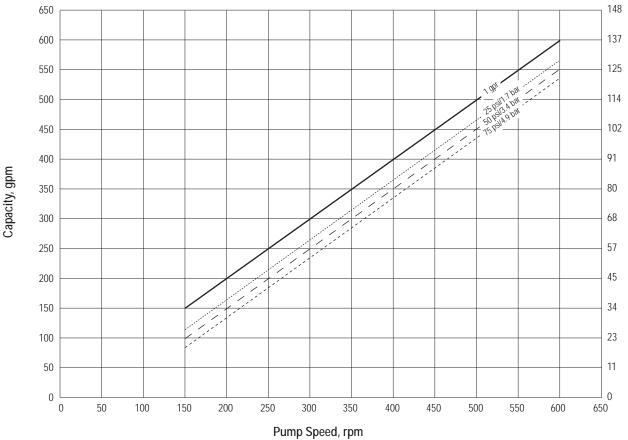


Pump Shaft Input Horsepower, hp



Performance Curve - NBR Lobes*

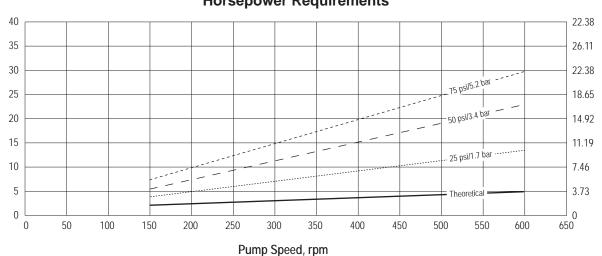
Based on 70°F (21°C) fresh water (1 cp) at Sea Level. Output will increase as viscosity of the fluid increases from 1.



Capacity, m3/hr

Pump Shaft Input Kilowatts, kw

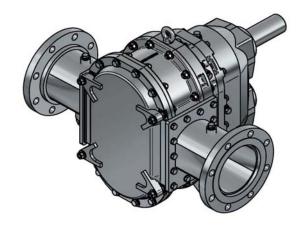






L133

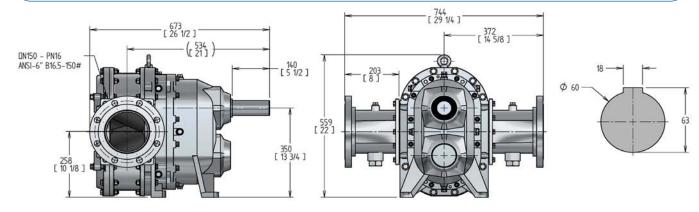
SPECIFICATIONS	US	Metric	
Rated Capacity: Displacement (per 100 revolutions): Working Pressure: Max. Pressure: Starting Torque: Rated Speed: Shaft Diameter: Flange Connection Class: Flange Connection Size: Weight: Solids Handling	0-665 gpm 133 gal (US) 125 psi 140 psi 2,860 in lbf 0-500 RPM 2.4" ANSI 16.5-150# ANSI 6" 585 lbs	0-151 m³/h 501 L 8.6 bar 9.7 bar 323 N m 0-500 RPM 60 mm DN – PN 16 DN 150 265 kg	
Spherical Compressible Spherical Hard*	3" 1/8"	76 mm 3 mm	
* Larger hard solids will pass through but may cause damage.			



Positive Displacement Rotary Lobe Pumps

MODEL > **SL133 CL133 DL133** Sludge, Mud and Slurries* Chemical/Corrosive Oil, Gas & Abrasives **Service** WETTED PARTS Rotary Lobes NBR Opt. HNBR, FKM, EPDM or Eng. Rec. FKM or HNBR Opt. NBR, EPDM or Eng. Rec. FKM or HNBR Opt. NBR, EPDM or Eng. Rec. Elastome Lobe Profile Helix Helix Helix Number of lobe wings Carbon Steel Carbon Steel Carbon Steel Core Sealing Elastomers FKM or Engineer Recommendation FKM or Engineer Recommendation FKM or Engineer Recommendation O-rings FKM or Engineer Recommendation Lip seals FKM or Engineer Recommendation Mechanical Seals Silicon Carbide Silicon Carbide Opt. Tungsten Carbide or Engineer Rec. Duplex Stainless Steel Opt. Tungsten Carbide, Silicon Carbide, or Eng. Rec. Opt. Tungsten Carbide or Engineer Rec. Carbon Steel with Corrosion resistant coating

Stainless Steel Type 316 Seal Holders Stainless Steel Type 316 Wear Plates AR500 Steel (Brinell 500) **Duplex Stainless Steel Housing Segments** ASTM A48 Grey Iron rust primed Duplex Stainless Steel **Duplex Stainless Steel** ASTM A36 Carbon Steel Stainless Steel Type 316L **Duplex Stainless Steel** Flange Ring Bolts Carbon Steel ISO 898-I Stainless Steel A2-A4 **Duplex Stainless Steel** Pressure Disc Stainless Steel Type 316L Stainless Steel Type 316L **Duplex Stainless Steel** LIMITED EXPOSURE PARTS ASTM A48 Grey Iron
with PTFE / Ceramic Teflon etched on face ASTM A48 Grey Iron
with PTFE / Ceramic Teflon etched on face Quench /Seal Cooling Chamber ASTM A48 Grey Iron rust primed Pump Cover ASTM A48 Grey Iron rust primed ASTM A48 Grey Iron Opt. 316 Stainless Steel ASTM A48 Grey Iron Opt. Duplex Stainless Steel NON-WETTED PARTS GMA Class 9 AISI 1045 steel GMA Class 9 AISI 1045 steel GMA Class 9 AISI 1045 steel Gears **Gear Housing** ASTM A48 Grey Iron rust primed ASTM A48 Grey Iron ASTM A48 Grey Iron AISI 4140 Alloy Steel AISI 4140 Alloy Steel AISI 4140 Alloy Steel PAINTING REQUIREMENTS Standard Painting SSPC/SP6 Sandblast Paint SSPC/SP6 Sandblast Paint SSPC/SP6 Sandblast Paint LobePro Blue LobePro Silver LobePro Silver

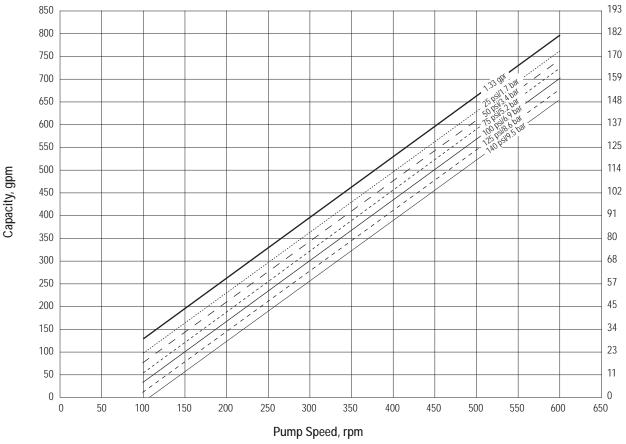


Pump Shaft Input Horsepower, hp

L133 CURVES

Performance Curve - NBR Lobes*

Based on 70°F (21°C) fresh water (1 cp) at Sea Level. Output will increase as viscosity of the fluid increases from 1.

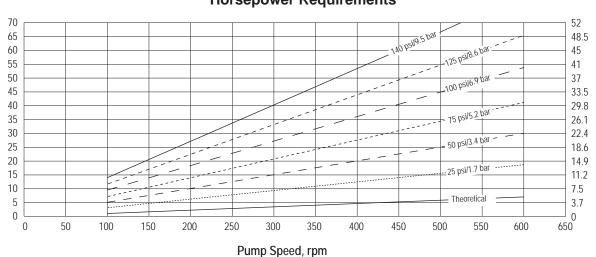


Capacity, m3/hr

Pump Shaft Input Kilowatts, kw

*Note: Output from lobes coated with elastomers other than NBR maybe lower. Contact Engineering for further information.

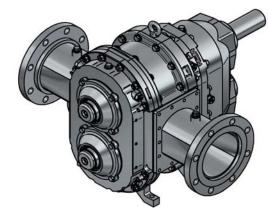
Horsepower Requirements





L133d

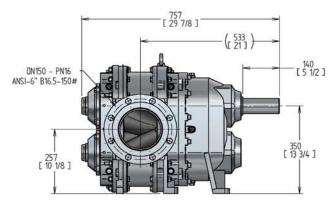
SPECIFICATIONS	US	Metric	
Rated Capacity: Displacement (per 100 revolutions): Working Pressure: Max. Pressure: Starting Torque: Rated Speed: Shaft Diameter: Flange Connection Class: Flange Connection Size: Weight: Solids Handling	0-665 gpm 133 gal (US) 150 psi 175 psi 3,857 in lbf 0-500 RPM 2.4" ANSI 16.5-150# ANSI 6" 660 lbs	0-151 m³/h 501 L 10.3 bar 12.1 bar 436 N m 0-500 RPM 60 mm DN – PN 16 DN 150 300 kg	
Spherical Compressible Spherical Hard	3" 1/8"	76 mm 3 mm	
* Larger hard solids will pass through but may cause damage.			

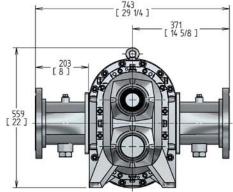


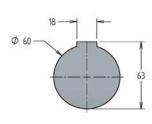
Positive Displacement Rotary Lobe Pumps

MODEL > **SL133d CL133d DL133d** Sludge, Mud and Slurries* Chemical/Corrosive Oil, Gas & Abrasives **Service** WETTED PARTS Rotary Lobes NBR Opt. HNBR, FKM, EPDM or Eng. Rec. FKM or HNBR Opt. NBR, EPDM or Eng. Rec. FKM or HNBR Opt. NBR, EPDM or Eng. Rec. Lobe Profile Helix Number of lobe wings Carbon Steel Carbon Steel Carbon Steel Sealing Elastomers FKM or Engineer Recommendation FKM or Engineer Recommendation)-rings FKM or Engineer Recommendation Lip seals FKM or Engineer Recommendation FKM or Engineer Recommendation Mechanical Seals

Mechanical Seal Duronit
Opt. Tungsten Carbide, Silicon Carbide, or Eng. Rec. Opt. Tungsten Carbide or Engineer Rec. Carbon Steel with Corrosion resistant coating
Stainless Steel Type 316 Silicon Carbide
Opt. Tungsten Carbide or Engineer Rec. Seal Holders Duplex Stainless Steel Wear Plates AR500 Steel (Brinell 500) Stainless Steel Type 316 **Duplex Stainless Steel Housing Segments** ASTM A48 Grey Iron rust primed Duplex Stainless Steel **Duplex Stainless Steel** Flange Ring ASTM A36 Carbon Steel Stainless Steel Type 316L **Duplex Stainless Steel** Carbon Steel ISO 898-I **Bolts** Stainless Steel A2-A4 **Duplex Stainless Steel** Pressure Disc Stainless Steel Type 316L Stainless Steel Type 316L **Duplex Stainless Steel** LIMITED EXPOSURE PARTS ASTM A48 Grey Iron
with PTFE / Ceramic Teflon etched on face ASTM A48 Grey Iron
with PTFE / Ceramic Teflon etched on face Quench /Seal Cooling Chamber ASTM A48 Grey Iron rust primed ASTM A48 Grey Iron Opt. Engineer Rec ASTM A48 Grey Iron Opt. Engineer Rec Pump Cover - DoorLd Assembly ASTM A48 Grey Iron rust primed NON-WETTED PARTS GMA Class 9 AISI 1045 steel GMA Class 9 AISI 1045 steel GMA Class 9 AISI 1045 steel Gears Gear Housing ASTM A48 Grey Iron rust primed ASTM A48 Grey Iron ASTM A48 Grey Iron AISI 4140 Alloy Steel AISI 4140 Alloy Steel AISI 4140 Alloy Steel PAINTING REQUIREMENTS Standard Painting SSPC/SP6 Sandblast Paint SSPC/SP6 Sandblast Paint SSPC/SP6 Sandblast Paint LobePro Blue LobePro Silver LobePro Silver







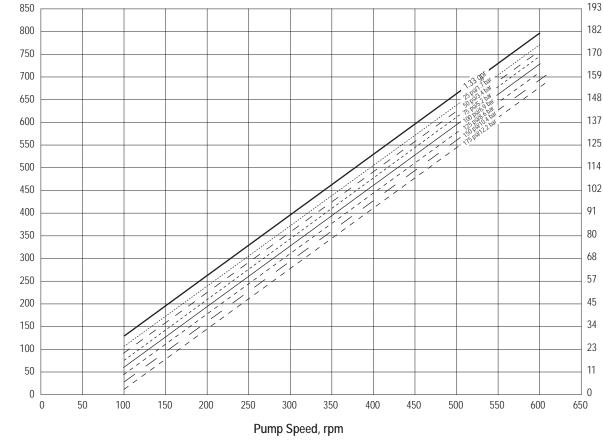
Capacity, gpm

Pump Shaft Input Horsepower, hp

L133d CURVES

Performance Curve - NBR Lobes*

Based on 70°F (21°C) fresh water (1 cp) at Sea Level. Output will increase as viscosity of the fluid increases from 1.



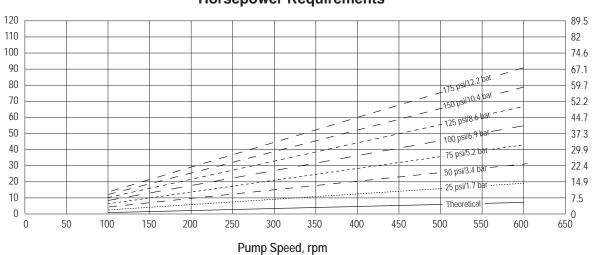
Capacity, m3/hr

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Pump Shaft Input Kilowatts,

*Note: Output from lobes coated with elastomers other than NBR maybe lower. Contact Engineering for further information.

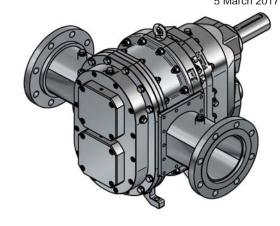
Horsepower Requirements





L133e

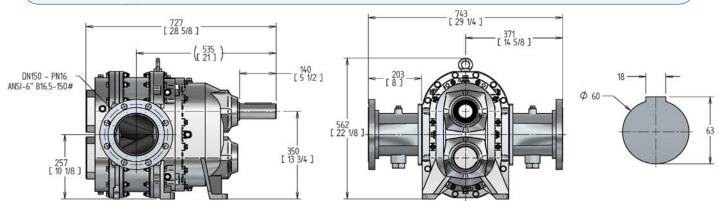
SPECIFICATIONS	US	Metric
Rated Capacity: Displacement (per 100 revolutions): Working Pressure: Max. Pressure: Starting Torque: Rated Speed: Shaft Diameter: Flange Connection Class: Flange Connection Size: Weight: Solids Handling Spherical Compressible Spherical Hard * Larger hard solids will pass through but may c	0-665 gpm 133 gal (US) 175 psi 200 psi 3,857 in lbf 0-500 RPM 2.4" ANSI 16.5-150# ANSI 6" 685 lbs 3" 1/8"	0-151 m³/h 501 L 12 bar 13.8 bar 436 N m 0-500 RPM 60 mm DN – PN 16 DN 150 311 kg 76 mm 3 mm



Positive Displacement Rotary Lobe Pumps

CL133e MODEL > **SL133e DL133e** Sludge, Mud and Slurries* Chemical/Corrosive Oil, Gas & Abrasives **Service** WETTED PARTS Rotary Lobes Elastomer NBR Opt. HNBR, FKM, EPDM or Eng. Rec. FKM or HNBR Opt. NBR, EPDM or Eng. Rec. FKM or HNBR Opt. NBR, EPDM or Eng. Rec. Lohe Profile Helix Helix Helix Number of lobe wings Carbon Steel Carbon Steel Carbon Steel Sealing Elastomers FKM or Engineer Recommendation FKM or Engineer Recommendation Ö-rings FKM or Engineer Recommendation Lip seals FKM or Engineer Recommendation FKM or Engineer Recommendation Mechanical Seals Mechanical Seal Silicon Carbide Silicon Carbide Opt. Tungsten Carbide, Silicon Carbide, or Eng. Rec. Opt. Tungsten Carbide or Engineer Rec. Carbon Steel with Corrosion resistant coating

Stainless Steel Type 316 Opt. Tungsten Carbide or Engineer Rec. Seal Holders Duplex Stainless Steel Wear Plates AR500 Steel (Brinell 500) Stainless Steel Type 316 **Duplex Stainless Steel Housing Segments** ASTM A48 Grey Iron rust primed **Duplex Stainless Steel Duplex Stainless Steel** Flange Ring ASTM A36 Carbon Steel Stainless Steel Type 316L **Duplex Stainless Steel** Carbon Steel ISO 898-I Bolts Stainless Steel A2-A4 **Duplex Stainless Steel** Pressure Disc Stainless Steel Type 316L Stainless Steel Type 316L **Duplex Stainless Steel** LIMITED EXPOSURE PARTS ASTM A48 Grey Iron
with PTFE / Ceramic Teflon etched on face ASTM A48 Grey Iron
with PTFE / Ceramic Teflon etched on face Quench /Seal Cooling Chamber ASTM A48 Grey Iron rust primed Pump Cover - DoorLe Assembly Carbon Steel Carbon Steel Opt. Engineer Rec Carbon Steel Opt. Engineer Rec NON-WETTED PARTS GMA Class 9 AISI 1045 steel GMA Class 9 AISI 1045 steel GMA Class 9 AISI 1045 steel Gears **Gear Housing** ASTM A48 Grey Iron rust primed ASTM A48 Grey Iron ASTM A48 Grey Iron Shaft AISI 4140 Alloy Steel AISI 4140 Alloy Steel AISI 4140 Alloy Steel PAINTING REQUIREMENTS Standard Painting SSPC/SP6 Sandblast Paint SSPC/SP6 Sandblast Paint SSPC/SP6 Sandblast Paint LobePro Blue LobePro Silver LobePro Silver



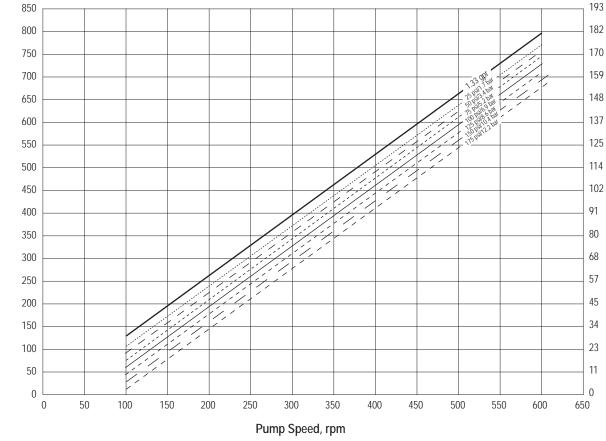
Capacity, gpm

Pump Shaft Input Horsepower, hp

L133e CURVES

Performance Curve - NBR Lobes*

Based on 70°F (21°C) fresh water (1 cp) at Sea Level. Output will increase as viscosity of the fluid increases from 1.



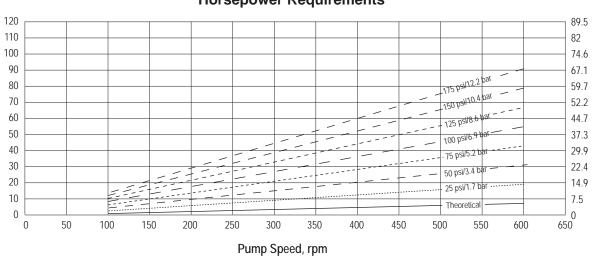
Capacity, m3/hr

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Pump Shaft Input Kilowatts,

*Note: Output from lobes coated with elastomers other than NBR maybe lower. Contact Engineering for further information.

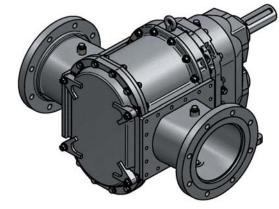
Horsepower Requirements





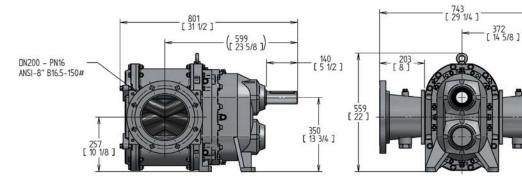
L266

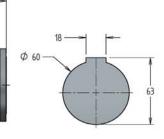
SPECIFICATIONS	US	Metric
Rated Capacity: Displacement (per 100 revolutions): Working Pressure: Max. Pressure: Starting Torque: Rated Speed: Shaft Diameter: Flange Connection Class: Flange Connection Size: Weight: Solids Handling Spherical Compressible Spherical Hard* * Larger hard solids will pass through but may ce	0-1,330 gpm 266 gal (US) 75 psi 100 psi 3,857 in lbf 0-500 RPM 2_4" ANSI 16.5-150# ANSI 8" 748 lbs 3" 1/8" ause damage.	0-302 m³/h 1,003 L 5.2 bar 6.9 bar 436 N m 0-500 RPM 60 mm DN – PN 16 DN 200 340 kg 76 mm 3 mm



Positive Displacement Rotary Lobe Pumps

MODEL >	SL266	CL266	DL266
Service	Sludge, Mud and Slurries*	Chemical/Corrosive	Oil, Gas & Abrasives
WETTED PARTS			
Rotary Lobes			
Elastomer	NBR Opt. HNBR, FKM, EPDM or Eng. Rec.	FKM or HNBR Opt. NBR, EPDM or Eng. Rec.	FKM or HNBR Opt. NBR, EPDM or Eng. Rec.
Lobe Profile	Helix	Helix	Helix
Number of lobe wings Core	4 Carbon Steel	4 Carbon Steel	4 Carbon Steel
	Carbon Steel	Carbon Steel	Carbon Steel
Sealing Elastomers O-rings	FKM	FKM or Engineer Recommendation	FKM or Engineer Recommendation
Lip seals	FKM or Engineer Recommendation	FKM or Engineer Recommendation	FKM or Engineer Recommendation
Mechanical Seals	Train or Engineer recommendation	Train or Engineer recommendation	Train of Engineer recommendation
Mechanical Seal	Duronit	Silicon Carbide	Silicon Carbide
Seal Holders	Opt. Tungsten Carbide, Silicon Carbide, or Eng. Rec Carbon Steel with Corrosion resistant coating	c. Opt. Tungsten Carbide or Engineer Rec. Stainless Steel Type 316	Opt. Tungsten Carbide or Engineer Rec. Duplex Stainless Steel
Wear Plates	AR500 Steel (Brinell 500)	Stainless Steel Type 316	Duplex Stainless Steel
Housing Segments	ASTM A48 Grey Iron rust primed	Duplex Stainless Steel	Duplex Stainless Steel
Flange Ring	ASTM A36 Carbon Steel	Stainless Steel Type 316L	Duplex Stainless Steel
Bolts	Carbon Steel ISO 898-I	Stainless Steel A2-A4	Duplex Stainless Steel
Pressure Disc	Stainless Steel Type 316L	Stainless Steel Type 316L	Duplex Stainless Steel
LIMITED EXPOSURE PARTS			
Quench /Seal Cooling Chamber	ASTM A48 Grey Iron rust primed	ASTM A48 Grev Iron	ASTM A48 Grey Iron
<u>adonomy coan cooming champon</u>	7.6-1117-110 Gray Hall Tube printed	with PTFE / Ceramic Teflon etched on face	with PTFE / Ceramic Teflon etched on face
Pump Cover	ASTM A48 Grey Iron rust primed	ASTM A48 Grey Iron Opt. 316 Stainless Steel	ASTM A48 Grey Iron Opt. Duplex Stainless Steel
NON-WETTED PARTS	· ·	· ·	' ' '
Gears	GMA Class 9 AISI 1045 steel	GMA Class 9 AISI 1045 steel	GMA Class 9 AISI 1045 steel
Gear Housing	ASTM A48 Grey Iron rust primed	ASTM A48 Grey Iron	ASTM A48 Grey Iron
Shaft	AISI 4140 Alloy Steel	AISI 4140 Alloy Steel	AISI 4140 Alloy Steel
PAINTING REQUIREMENTS			
Standard Painting	SSPC/SP6 Sandblast Paint	SSPC/SP6 Sandblast Paint	SSPC/SP6 Sandblast Paint
3	LobePro Blue	LobePro Silver	LobePro Silver



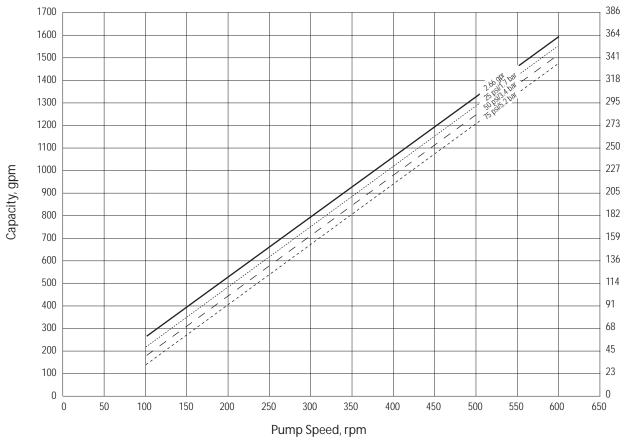


Pump Shaft Input Horsepower, hp

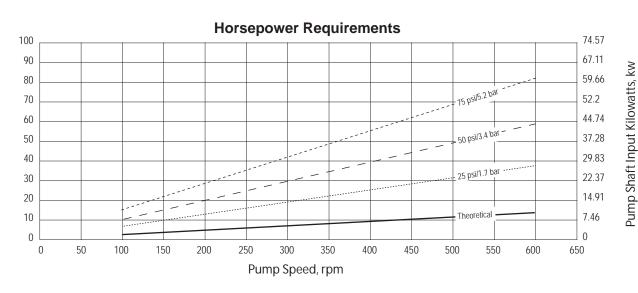
L266 CURVES

Performance Curve - NBR Lobes*

Based on 70°F (21°C) fresh water (1 cp) at Sea Level. Output will increase as viscosity of the fluid increases from 1.



Capacity, m3/hr

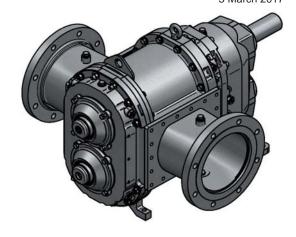




L266d

SPECIFICATIONS	US	Metric	
Rated Capacity: Displacement (per 100 revolutions): Working Pressure: Max. Pressure: Starting Torque: Rated Speed: Shaft Diameter: Flange Connection Class: Flange Connection Size: Weight: Solids Handling	0-1,330 gpm 266 gal (US) 125 psi 150 psi 3,857 in lbf 0-500 RPM 2.4" ANSI 16.5-150# ANSI 8" 815 lbs	0-302 m³/h 1,003 L 8.6 bar 10.3 bar 436 N m 0-500 RPM 60 mm DN – PN 10 DN 200 370 kg	
Spherical Compressible	3"	76 mm	
Spherical Hard*	1/8"	3 mm	
* Larger hard solids will pass through but may cause damage.			

Consult LobePro for further information. *Consult Factory for application temperature above 80°C (175°F).



Positive Displacement Rotary Lobe Pumps

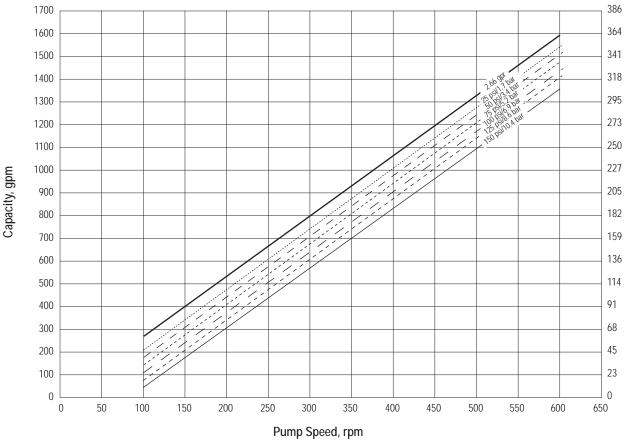
MODEL > DL266d SL266d CL266d **Service** Sludge, Mud and Slurries* Chemical/Corrosive Oil, Gas & Abrasives WETTED PARTS Rotary Lobes FKM or HNBR Opt. NBR, EPDM or Eng. Rec. NBR Opt. HNBR, FKM, EPDM or Eng. Rec. FKM or HNBR Opt. NBR, EPDM or Eng. Rec. Flastomer Lobe Profile Helix Helix Number of lobe wings Carbon Steel Core Carbon Steel Carbon Steel Sealing Elastomers O-rings Lip seals FKM or Engineer Recommendation Mechanical Seals Mechanical Seal Duronit
Opt. Tungsten Carbide, Silicon Carbide, or Eng. Rec. Opt. Tungsten Carbide or Engineer Rec. Carbon Steel with Corrosion resistant coating
Stainless Steel Type 316 Silicon Carbide Opt. Tungsten Carbide or Engineer Rec. Duplex Stainless Steel Seal Holders Wear Plates AR500 Steel (Brinell 500) Stainless Steel Type 316 **Duplex Stainless Steel** ASTM A48 Grey Iron rust primed **Housing Segments Duplex Stainless Steel Duplex Stainless Steel** Flange Ring ASTM A36 Carbon Steel Stainless Steel Type 316L **Duplex Stainless Steel** Bolts Carbon Steel ISO 898-I Stainless Steel A2-A4 **Duplex Stainless Steel** Pressure Disc Stainless Steel Type 316L Stainless Steel Type 316L **Duplex Stainless Steel** LIMITED EXPOSURE PARTS Quench /Seal Cooling Chamber ASTM A48 Grey Iron rust primed ASTM A48 Grey Iron
with PTFE / Ceramic Teflon etched on face ASTM A48 Grey Iron
with PTFE / Ceramic Teflon etched on face Pump Cover - DoorLd Assembly ASTM A48 Grey Iron rust primed ASTM A48 Grey Iron Opt. Engineer Rec ASTM A48 Grey Iron Opt. Engineer Rec NON-WETTED PARTS Gears GMA Class 9 AISI 1045 steel GMA Class 9 AISI 1045 steel GMA Class 9 AISI 1045 steel Gear Housing ASTM A48 Grey Iron rust primed ASTM A48 Grey Iron ASTM A48 Grey Iron AISI 4140 Alloy Steel AISI 4140 Alloy Steel AISI 4140 Alloy Steel PAINTING REQUIREMENTS Standard Painting SSPC/SP6 Sandblast Paint SSPC/SP6 Sandblast Paint SSPC/SP6 Sandblast Paint LobePro Silver LobePro Silver LobePro Blue NOTE: Listed above are standard pump assemblies; lobe styles and materials subject to recommendation by LobePro Engineering. A wide range of optional materials are available for each model.

Pump Shaft Input Horsepower, hp

L266d CURVES

Performance Curve - NBR Lobes*

Based on 70°F (21°C) fresh water (1 cp) at Sea Level. Output will increase as viscosity of the fluid increases from 1.

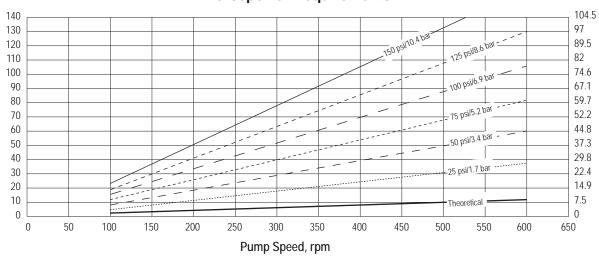


Capacity, m3/hr

Pump Shaft Input Kilowatts, kw

*Note: Output from lobes coated with elastomers other than NBR maybe lower. Contact Engineering for further information.

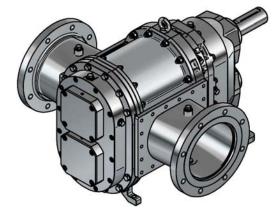
Horsepower Requirements





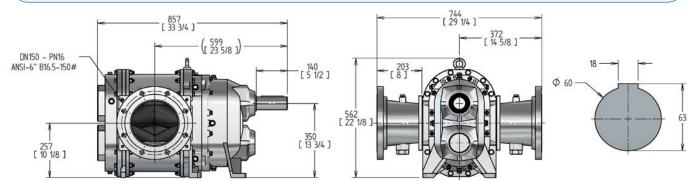
L266e

SPECIFICATIONS	US	Metric	
Rated Capacity: Displacement (per 100 revolutions): Working Pressure: Max. Pressure: Starting Torque: Rated Speed: Shaft Diameter: Flange Connection Class: Flange Connection Size: Weight: Solids Handling	0-1,330 gpm 266 gal (US) 150 psi 175 psi 3,857 in lbf 0-500 RPM 2.4" ANSI 16.5-150# ANSI 8" 815 lbs	0-302 m³/h 1,007 L 10.3 bar 12 bar 436 N m 0-500 RPM 60 mm DN – PN 10 DN 200 370 kg	
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 >	SL266 e	CL266 e	DL266e
Service	Sludge, Mud and Slurries*	Chemical/Corrosive	Oil, Gas & Abrasives
WETTED PARTS			
Rotary Lobes			
Elastomer	NBR Opt. HNBR, FKM, EPDM or Eng. Rec.	FKM or HNBR Opt. NBR, EPDM or Eng. Rec.	FKM or HNBR Opt. NBR, EPDM or Eng. Rec
Lobe Profile	Helix	Helix	Helix
Number of lobe wings Core	4 Carbon Steel	4 Carbon Steel	4 Carbon Steel
	Calbuit Steel	Calbull Steel	Calbult Steel
Sealing Elastomers O-rings	FKM	FKM or Engineer Recommendation	FKM or Engineer Recommendation
Lip seals	FKM or Engineer Recommendation	FKM or Engineer Recommendation	FKM or Engineer Recommendation
Mechanical Seals			
Mechanical Seal	Duronit	Silicon Carbide	Silicon Carbide
	Opt. Tungsten Carbide, Silicon Carbide, or Eng. Rec	Opt. Tungsten Carbide or Engineer Rec.	Opt. Tungsten Carbide or Engineer Rec.
Seal Holders	Carbon Steel with Corrosion resistant coating	Stainless Steel Type 316	Duplex Stainless Steel
Wear Plates	AR500 Steel (Brinell 500)	Stainless Steel Type 316	Duplex Stainless Steel
Housing Segments	ASTM A48 Grey Iron rust primed	Duplex Stainless Steel	Duplex Stainless Steel
Flange Ring	ASTM A36 Carbon Steel	Stainless Steel Type 316L	Duplex Stainless Steel
Bolts	Carbon Steel ISO 898-I	Stainless Steel A2-A4	Duplex Stainless Steel
Pressure Disc	Stainless Steel Type 316L	Stainless Steel Type 316L	Duplex Stainless Steel
LIMITED EXPOSURE PARTS			
Quench /Seal Cooling Chamber	ASTM A48 Grey Iron rust primed	ASTM A48 Grey Iron	ASTM A48 Grey Iron
	· · · · · · · · · · · · · · · · · · ·	with PTFE / Ceramic Teflon etched on face	with PTFE / Ceramic Teflon etched on face
Pump Cover - DoorLe Assembly	Carbon Steel	Carbon Steel Opt. Engineer Rec.	Carbon Steel Opt. Engineer Rec.
NON-WETTED PARTS			
Gears	GMA Class 9 AISI 1045 steel	GMA Class 9 AISI 1045 steel	GMA Class 9 AISI 1045 steel
Gear Housing	ASTM A48 Grey Iron rust primed	ASTM A48 Grey Iron	ASTM A48 Grey Iron
Shaft	AISI 4140 Alloy Steel	AISI 4140 Alloy Steel	AISI 4140 Alloy Steel
PAINTING REQUIREMENTS	•	•	· ·
Standard Painting	SSPC/SP6 Sandblast Paint	SSPC/SP6 Sandblast Paint	SSPC/SP6 Sandblast Paint
	LobePro Blue	LobePro Silver	LobePro Silver

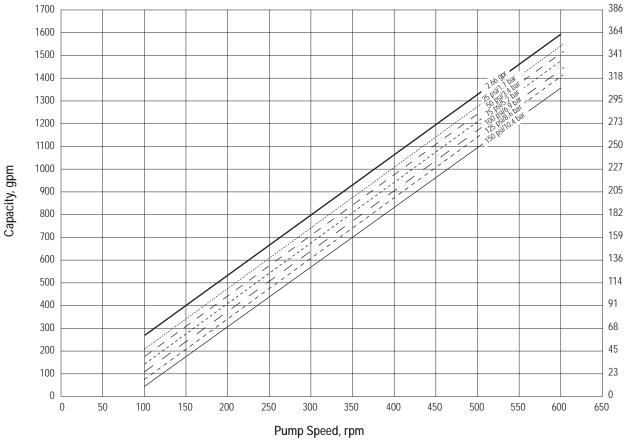


Pump Shaft Input Horsepower, hp

L266e CURVES

Performance Curve - NBR Lobes*

Based on 70°F (21°C) fresh water (1 cp) at Sea Level. Output will increase as viscosity of the fluid increases from 1.

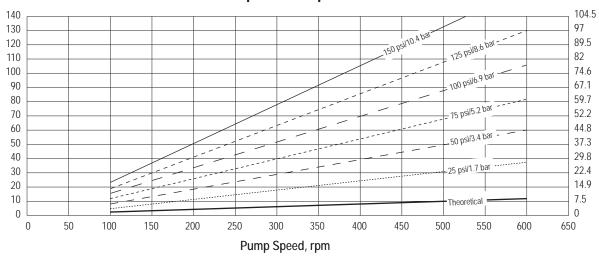


Capacity, m3/hr

Pump Shaft Input Kilowatts, kw

*Note: Output from lobes coated with elastomers other than NBR maybe lower. Contact Engineering for further information.

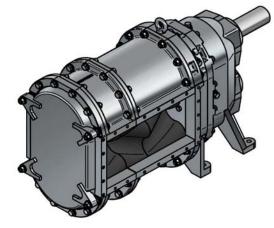
Horsepower Requirements





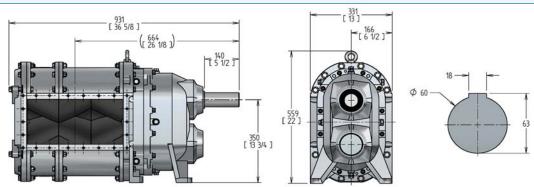
SPECIFICATIONS	US	Metric	
Rated Capacity: Displacement (per 100 revolutions): Working Pressure: Max. Pressure: Starting Torque: Rated Speed: Shaft Diameter: Flange Connection Class: Flange Connection Size: Weight: Solids Handling	0-1,995 gpm 399 gal (US) 40 psi 50 psi 3,857 in lbf 0-500 RPM 2.4" ANSI 16.5-150# ANSI 10" 770 lbs	0-453 m³/h 1,504 L 2.8 bar 3.5 bar 436 N m 0-500 RPM 60 mm DN – PN 16 DN 200 350 kg	
Spherical Compressible Spherical Hard*	3" 1/8"	76 mm 3 mm	
* Larger hard solids will pass through but may cause damage.			

Consult LobePro for further information. *Consult Factory for application temperature above 80°C (175°F).



Positive Displacement Rotary Lobe Pumps

MODEL > **SL399 CL399 DL399** Sludge, Mud and Slurries* Chemical/Corrosive Oil, Gas & Abrasives **Service** WETTED PARTS Rotary Lobes FKM or HNBR Opt. NBR, EPDM or Eng. Rec. Helix FKM or HNBR Opt. NBR, EPDM or Eng. Rec. Helix NBR Opt. HNBR, FKM, EPDM or Eng. Rec. Helix Elastomer Lobe Profile Number of lobe wings Carbon Steel Carbon Steel Carbon Steel Core Sealing Elastomers FKM or Engineer Recommendation FKM or Engineer Recommendation FKM or Engineer Recommendation FKM or Engineer Recommendation O-rings Lip seals FKM or Engineer Recommendation Mechanical Seals
Mechanical Seal Silicon Carbide Silicon Carbide Dorlonit
Opt. Tungsten Carbide, Silicon Carbide, or Eng. Rec. Opt. Tungsten Carbide or Engineer Rec.
Carbon Steel with Corrosion resistant coating
Stainless Steel Type 316 Opt. Tungsten Carbide or Engineer Rec. Seal Holders Duplex Stainless Stee Stainless Steel Type 316 **Duplex Stainless Steel** Wear Plates AR500 Steel (Brinell 500) ASTM A48 Grey Iron rust primed **Duplex Stainless Steel Housing Segments** Duplex Stainless Steel Flange Ring ASTM A36 Carbon Steel Stainless Steel Type 316L **Duplex Stainless Steel** Carbon Steel ISO 898-I Stainless Steel A2-A4 **Duplex Stainless Steel** Bolts Stainless Steel Type 316L Duplex Stainless Steel Pressure Disc Stainless Steel Type 316L LIMITED EXPOSURE PARTS ASTM A48 Grey Iron
with PTFE / Ceramic Teflon etched on face ASTM A48 Grey Iron
with PTFE / Ceramic Teflon etched on face Quench /Seal Cooling Chamber ASTM A48 Grey Iron rust primed ASTM A48 Grey Iron Opt. 316 Stainless Stee ASTM A48 Grey Iron rust primed ASTM A48 Grey Iron Opt. Duplex Stainless Steel Pump Cover NON-WETTED PARTS GMA Class 9 AISI 1045 steel GMA Class 9 AISI 1045 steel Gears GMA Class 9 AISI 1045 steel ASTM A48 Grey Iron ASTM A48 Grey Iron **Gear Housing** ASTM A48 Grey Iron rust primed Shaft AISI 4140 Alloy Steel AISI 4140 Alloy Steel AISI 4140 Alloy Steel PAINTING REQUIREMENTS Standard Painting SSPC/SP6 Sandblast Paint SSPC/SP6 Sandblast Paint SSPC/SP6 Sandblast Paint LobePro Blue LobePro Silver LobePro Silver NOTE: Listed above are standard pump assemblies; lobe styles and materials subject to recommendation by LobePro Engineering. A wide range of optional materials are available for each model.



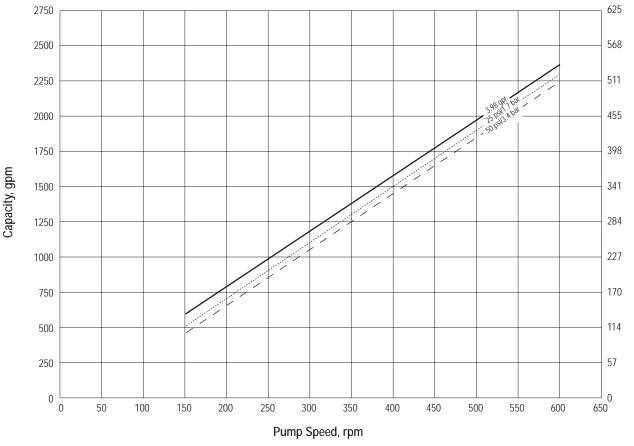
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Pump Shaft Input Horsepower, hp



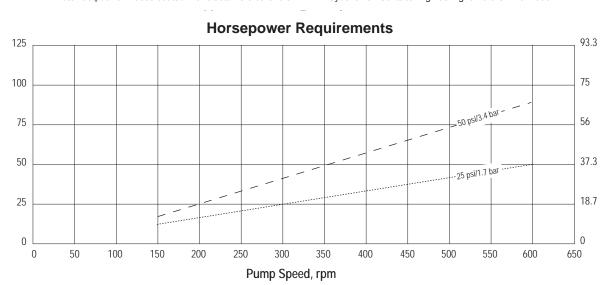
Performance Curve - NBR Lobes*

Based on 70°F (21°C) fresh water (1 cp) at Sea Level. Output will increase as viscosity of the fluid increases from 1.



Capacity, m3/hr

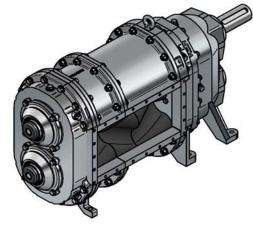
Pump Shaft Input Kilowatts, kw





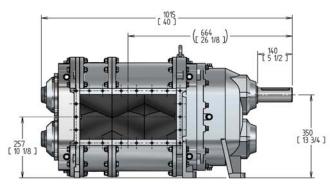
L399d

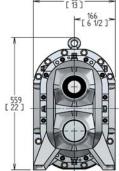
SPECIFICATIONS	US	Metric	
Rated Capacity: Displacement (per 100 revolutions): Working Pressure: Max. Pressure: Starting Torque: Rated Speed: Shaft Diameter: Flange Connection Class: Flange Connection Size: Weight: Solids Handling	0-1,995 gpm 399 gal (US) 85 psi 105 psi 3,857 in lbf 0-500 RPM 2.4" ANSI 16.5-150# ANSI 10" 845 lbs	0-453 m³/h 1,504 L 5.9 bar 7.2 bar 436 N m 0-500 RPM 60 mm DN – PN 16 DN 200 383 kg	
Spherical Compressible	3"	76 mm	
Spherical Hard*	1/8"	3 mm	
* Larger hard solids will pass through but may cause damage.			

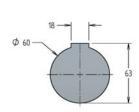


Positive Displacement Rotary Lobe Pumps

MODEL >	SL399d	CL399d	DL399d
Service	Sludge, Mud and Slurries*	Chemical/Corrosive	Oil, Gas & Abrasives
WETTED PARTS	-		
Rotary Lobes			
Elastomer	NBR Opt. HNBR, FKM, EPDM or Eng. Rec.	FKM or HNBR Opt. NBR, EPDM or Eng. Rec.	FKM or HNBR Opt. NBR, EPDM or Eng. Rec.
Lobe Profile	Helix	Helix	Helix
Number of lobe wings Core	Carbon Steel	Carbon Steel	4 Carbon Steel
Sealing Elastomers	Carbon Steel	Carbon Steel	Carbon Steel
Ö-rings	FKM	FKM or Engineer Recommendation	FKM or Engineer Recommendation
Lip seals	FKM or Engineer Recommendation	FKM or Engineer Recommendation	FKM or Engineer Recommendation
Mechanical Seals			
Mechanical Seal	Duronit	Silicon Carbide	Silicon Carbide
Seal Holders	Opt. Tungsten Carbide, Silicon Carbide, or Eng. Rec Carbon Steel with Corrosion resistant coating	. Opt. Tungsten Carbide or Engineer Rec. Stainless Steel Type 316	Opt. Tungsten Carbide or Engineer Rec. Duplex Stainless Steel
Wear Plates	AR500 Steel (Brinell 500)	Stainless Steel Type 316	Duplex Stainless Steel
Housing Segments	ASTM A48 Grey Iron rust primed	Duplex Stainless Steel	Duplex Stainless Steel
Flange Ring	ASTM A36 Carbon Steel	Stainless Steel Type 316L	Duplex Stainless Steel
Bolts	Carbon Steel ISO 898-I	Stainless Steel A2-A4	Duplex Stainless Steel
Pressure Disc	Stainless Steel Type 316L	Stainless Steel Type 316L	Duplex Stainless Steel
LIMITED EXPOSURE PARTS			
Quench /Seal Cooling Chamber	ASTM A48 Grey Iron rust primed	ASTM A48 Grey Iron	ASTM A48 Grey Iron
	7	with PTFE / Ceramic Teflon etched on face	with PTFE / Ceramic Teflon etched on face
Pump Cover - DoorLd Assembly	ASTM A48 Grey Iron rust primed	ASTM A48 Grey Iron Opt. Engineer Rec.	ASTM A48 Grey Iron Opt. Engineer Rec.
NON-WETTED PARTS			
Gears	GMA Class 9 AISI 1045 steel	GMA Class 9 AISI 1045 steel	GMA Class 9 AISI 1045 steel
Gear Housing	ASTM A48 Grey Iron rust primed	ASTM A48 Grey Iron	ASTM A48 Grey Iron
Shaft	AISI 4140 Alloy Steel	AISI 4140 Alloy Steel	AISI 4140 Alloy Steel
PAINTING REQUIREMENTS	· · · · · · · · · · · · · · · · · · ·	•	· · ·
Standard Painting	SSPC/SP6 Sandblast Paint	SSPC/SP6 Sandblast Paint	SSPC/SP6 Sandblast Paint
	LobePro Blue	LobePro Silver	LobePro Silver



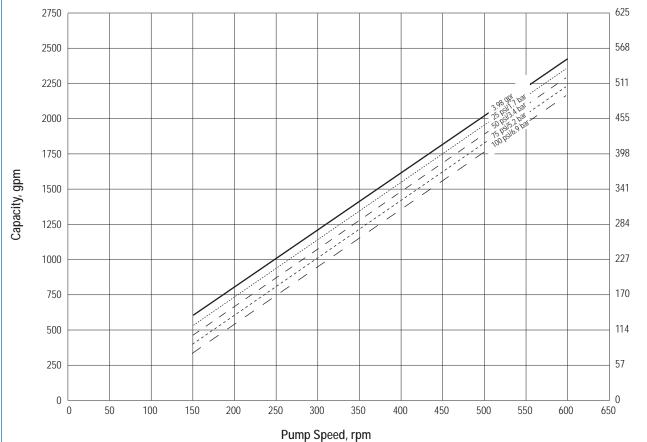




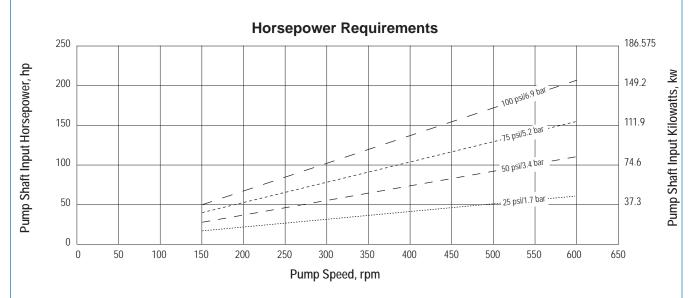
L399d CURVES

Performance Curve - NBR Lobes*

Based on 70°F (21°C) fresh water (1 cp) at Sea Level. Output will increase as viscosity of the fluid increases from 1.



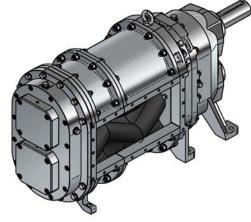
Capacity, m3/hr





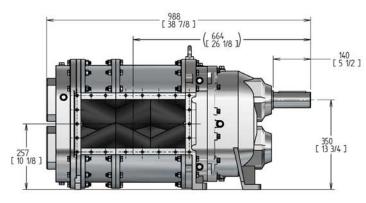
L399e

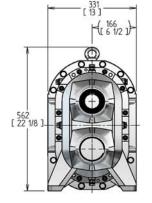
SPECIFICATIONS	US	Metric
Rated Capacity: Displacement (per 100 revolutions): Working Pressure: Max. Pressure: Starting Torque: Rated Speed: Shaft Diameter: Flange Connection Class: Flange Connection Size: Weight: Solids Handling	0-1,995 gpm 399 gal (US) 85 psi 105 psi 3,857 in lbf 0-500 RPM 2.4" ANSI 16.5-150# ANSI 10" 870 lbs	0-453 m³/h 1,504 L 5.9 bar 7.2 bar 436 N m 0-500 RPM 60 mm DN – PN 16 DN 200 395 kg
Spherical Compressible	3"	76 mm
Spherical Hard*	1/8"	3 mm
* Larger hard solids will pass through but may	cause damage.	

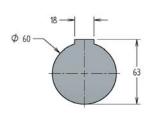


Positive Displacement Rotary Lobe Pumps

MODEL >	SL399e	CL399e	DL399e
Service	Sludge, Mud and Slurries*	Chemical/Corrosive	Oil, Gas & Abrasives
WETTED PARTS			
Rotary Lobes			
Elastomer	NBR Opt. HNBR, FKM, EPDM or Eng. Rec.	FKM or HNBR Opt. NBR, EPDM or Eng. Rec.	FKM or HNBR Opt. NBR, EPDM or Eng. Rec.
Lobe Profile	Helix	Helix 4	Helix
Number of lobe wings Core	Carbon Steel	Carbon Steel	Carbon Steel
Sealing Elastomers	Ourbon Otoci	Carbon Gleer	Our born oteer
O-rings	FKM	FKM or Engineer Recommendation	FKM or Engineer Recommendation
Lip seals	FKM or Engineer Recommendation	FKM or Engineer Recommendation	FKM or Engineer Recommendation
Mechanical Seals			
Mechanical Seal	Duronit	Silicon Carbide	Silicon Carbide
Seal Holders	Opt. Tungsten Carbide, Silicon Carbide, or Eng. Rec Carbon Steel with Corrosion resistant coating	c. Opt. Tungsten Carbide or Engineer Rec. Stainless Steel Type 316	Opt. Tungsten Carbide or Engineer Rec. Duplex Stainless Steel
Wear Plates	AR500 Steel (Brinell 500)	Stainless Steel Type 316	Duplex Stainless Steel
Housing Segments	ASTM A48 Grey Iron rust primed	Duplex Stainless Steel	Duplex Stainless Steel
Flange Ring	ASTM A36 Carbon Steel	Stainless Steel Type 316L	Duplex Stainless Steel
Bolts	Carbon Steel ISO 898-I	Stainless Steel A2-A4	Duplex Stainless Steel
Pressure Disc	Stainless Steel Type 316L	Stainless Steel Type 316L	Duplex Stainless Steel
LIMITED EXPOSURE PARTS			
Quench /Seal Cooling Chamber	ASTM A48 Grey Iron rust primed	ASTM A48 Grev Iron	ASTM A48 Grev Iron
		with PTFE / Ceramic Teflon etched on face	with PTFE / Ceramic Teflon etched on face
Pump Cover - DoorLe Assembly	Carbon Steel	Carbon Steel Opt. Engineer Rec.	Carbon Steel Opt. Engineer Rec.
NON-WETTED PARTS		-	· -
Gears	GMA Class 9 AISI 1045 steel	GMA Class 9 AISI 1045 steel	GMA Class 9 AISI 1045 steel
Gear Housing	ASTM A48 Grey Iron rust primed	ASTM A48 Grey Iron	ASTM A48 Grey Iron
Shaft	AISI 4140 Alloy Steel	AISI 4140 Alloy Steel	AISI 4140 Alloy Steel
PAINTING REQUIREMENTS			
Standard Painting	SSPC/SP6 Sandblast Paint	SSPC/SP6 Sandblast Paint	SSPC/SP6 Sandblast Paint
-	LobePro Blue	LobePro Silver	LobePro Silver



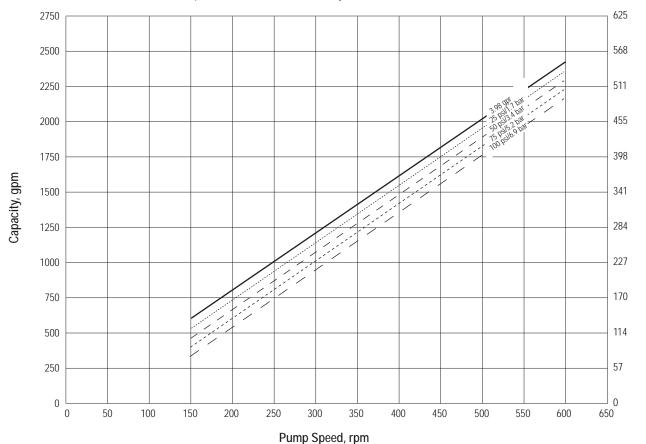




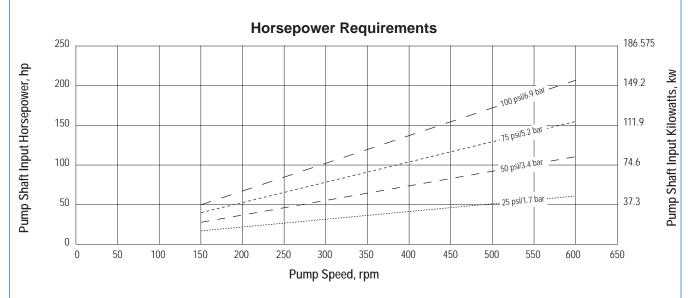
L399e CURVES

Performance Curve - NBR Lobes*

Based on 70°F (21°C) fresh water (1 cp) at Sea Level. Output will increase as viscosity of the fluid increases from 1.



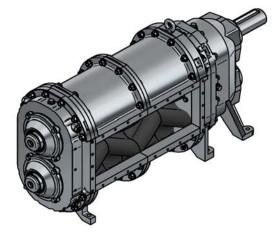
Capacity, m3/hr





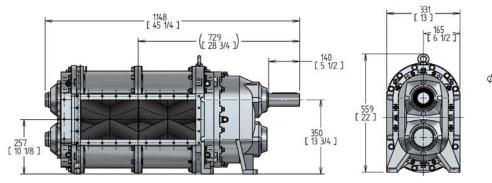
L531d

SPECIFICATIONS	US	Metric
Rated Capacity: Displacement (per 100 revolutions): Working Pressure: Max. Pressure: Starting Torque: Rated Speed: Shaft Diameter: Flange Connection Class: Flange Connection Size: Weight: Solids Handling	0-2,655 gpm 531 gal (US) 70 psi 87 psi 3,857 in lbf 0-500 RPM 2.4" ANSI 16,5-150# ANSI 10" 1,005 lbs	0-603 m³/h 2,002 L 4.8 bar 6 bar 436 N m 0-500 RPM 60 mm DN - PN 16 DN 200 455 kg
Spherical Compressible Spherical Hard* *Larger hard solids will pass through, but may o	3" 1/8" ause damage.	76 mm 3 mm



Positive Displacement Rotary Lobe Pumps

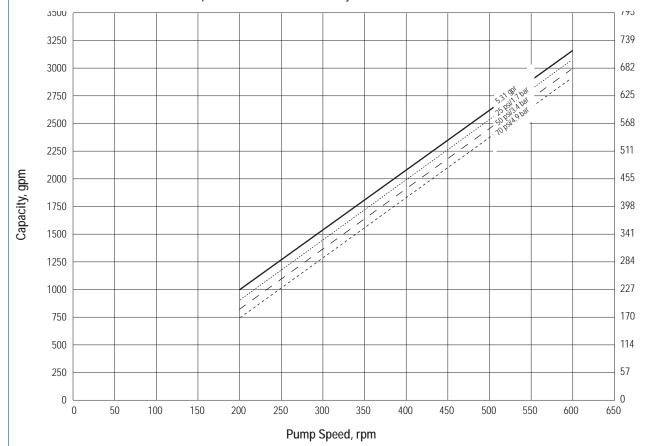
MODEL >	SL531d	CL531d	DL531d
Service	Sludge, Mud and Slurries*	Chemical/Corrosive	Oil, Gas & Abrasives
WETTED PARTS			
Rotary Lobes			
Elastomer	NBR Opt. HNBR, FKM, EPDM or Eng. Rec.	FKM or HNBR Opt. NBR, EPDM or Eng. Rec.	FKM or HNBR Opt. NBR, EPDM or Eng. Rec.
Lobe Profile	Helix	Helix	Helix
Number of lobe wings Core	4 Carbon Steel	4 Carbon Steel	4 Carbon Steel
	Carbon Steel	Carbon Steel	Carbon Steel
Sealing Elastomers O-rings	FKM	FKM or Engineer Recommendation	FKM or Engineer Recommendation
Lip seals	FKM or Engineer Recommendation	FKM or Engineer Recommendation	FKM or Engineer Recommendation
Mechanical Seals		o. <u></u>	
Mechanical Seal	Duronit	Silicon Carbide	Silicon Carbide
	Opt. Tungsten Carbide, Silicon Carbide, or Eng. Rec	c. Opt. Tungsten Carbide or Engineer Rec.	Opt. Tungsten Carbide or Engineer Rec.
Seal Holders	Carbon Steel with Corrosion resistant coating	Stainless Steel Type 316	Duplex Stainless Steel
Wear Plates	AR500 Steel (Brinell 500)	Stainless Steel Type 316	Duplex Stainless Steel
Housing Segments	ASTM A48 Grey Iron rust primed	Duplex Stainless Steel	Duplex Stainless Steel
Flange Ring	ASTM A36 Carbon Steel	Stainless Steel Type 316L	Duplex Stainless Steel
Bolts	Carbon Steel ISO 898-I	Stainless Steel A2-A4	Duplex Stainless Steel
Pressure Disc	Stainless Steel Type 316L	Stainless Steel Type 316L	Duplex Stainless Steel
LIMITED EXPOSURE PARTS			
Quench /Seal Cooling Chamber	ASTM A48 Grey Iron rust primed	ASTM A48 Grey Iron	ASTM A48 Grev Iron
		with PTFE / Ceramic Teflon etched on face	with PTFE / Ceramic Teflon etched on face
Pump Cover - DoorLd Assembly	ASTM A48 Grey Iron rust primed	ASTM A48 Grey Iron Opt. Engineer Rec.	ASTM A48 Grey Iron Opt. Engineer Rec.
NON-WETTED PARTS			
Gears	GMA Class 9 AISI 1045 steel	GMA Class 9 AISI 1045 steel	GMA Class 9 AISI 1045 steel
Gear Housing	ASTM A48 Grey Iron rust primed	ASTM A48 Grey Iron	ASTM A48 Grey Iron
Shaft	AISI 4140 Alloy Steel	AISI 4140 Alloy Steel	AISI 4140 Alloy Steel
PAINTING REQUIREMENTS			.,
Standard Painting	SSPC/SP6 Sandblast Paint	SSPC/SP6 Sandblast Paint	SSPC/SP6 Sandblast Paint
- carrage a carring	LobePro Blue	LobePro Silver	LobePro Silver



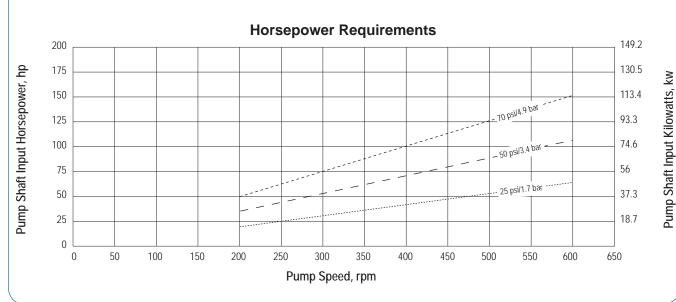


Performance Curve - NBR Lobes*

Based on 70°F (21°C) fresh water (1 cp) at Sea Level. Output will increase as viscosity of the fluid increases from 1.



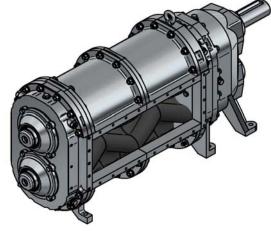
Capacity, m3/hr





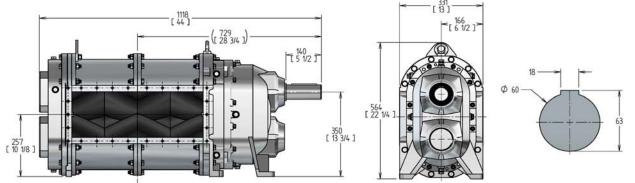
L531e

SPECIFICATIONS	US	Metric
Rated Capacity: Displacement (per 100 revolutions): Working Pressure: Max. Pressure: Starting Torque: Rated Speed: Shaft Diameter: Flange Connection Class: Flange Connection Size: Weight: Solids Handling Spherical Compressible Spherical Hard* *Larger hard solids will pass through, but may c	0-2,655 gpm 531 gal (US) 70 psi 87 psi 3,857 in lbf 0-500 RPM 2.4" ANSI 16.5-150# ANSI 10" 995 lbs 3" 1/8" ause damage.	0-603 m³/h 2,002 L 4.8 bar 6 bar 436 N m 0-500 RPM 60 mm DN – PN 16 DN 200 450 kg 76 mm 3 mm



Positive Displacement Rotary Lobe Pumps

MODEL >	SL531e	CL531e	DL531e
Service	Sludge, Mud and Slurries*	Chemical/Corrosive	Oil, Gas & Abrasives
WETTED PARTS			
Rotary Lobes			
Elastomer	NBR Opt. HNBR, FKM, EPDM or Eng. Rec.	FKM or HNBR Opt. NBR, EPDM or Eng. Rec.	FKM or HNBR Opt. NBR, EPDM or Eng. Rec.
Lobe Profile Number of lobe wings	Helix	Helix	Helix
Core	Carbon Steel	Carbon Steel	Carbon Steel
Sealing Elastomers			
O-rings	FKM	FKM or Engineer Recommendation	FKM or Engineer Recommendation
Lip seals	FKM or Engineer Recommendation	FKM or Engineer Recommendation	FKM or Engineer Recommendation
Mechanical Seals	B		0.111
Mechanical Seal	Duronit Opt Typigeton Carbido, Silican Carbido, or Eng. Ros	Silicon Carbide	Silicon Carbide Opt. Tungsten Carbide or Engineer Rec.
Seal Holders	Opt. Tungsten Carbide, Silicon Carbide, or Eng. Rec Carbon Steel with Corrosion resistant coating	Stainless Steel Type 316	Duplex Stainless Steel
Wear Plates	AR500 Steel (Brinell 500)	Stainless Steel Type 316	Duplex Stainless Steel
Housing Segments	ASTM A48 Grey Iron rust primed	Duplex Stainless Steel	Duplex Stainless Steel
Flange Ring	ASTM A36 Carbon Steel	Stainless Steel Type 316L	Duplex Stainless Steel
Bolts	Carbon Steel ISO 898-I	Stainless Steel A2-A4	Duplex Stainless Steel
Pressure Disc	Stainless Steel Type 316L	Stainless Steel Type 316L	Duplex Stainless Steel
LIMITED EXPOSURE PARTS			
Quench /Seal Cooling Chamber	ASTM A48 Grey Iron rust primed	ASTM A48 Grey Iron	ASTM A48 Grey Iron
•	•	with PTFE / Ceramic Teflon etched on face	with PTFE / Ceramic Teflon etched on face
Pump Cover - DoorLe Assembly	Carbon Steel	Carbon Steel Opt. Engineer Rec.	Carbon Steel Opt. Engineer Rec.
NON-WETTED PARTS			
Gears	GMA Class 9 AISI 1045 steel	GMA Class 9 AISI 1045 steel	GMA Class 9 AISI 1045 steel
Gear Housing	ASTM A48 Grey Iron rust primed	ASTM A48 Grey Iron	ASTM A48 Grey Iron
Shaft	AISI 4140 Alloy Steel	AISI 4140 Alloy Steel	AISI 4140 Alloy Steel
PAINTING REQUIREMENTS			
Standard Painting	SSPC/SP6 Sandblast Paint	SSPC/SP6 Sandblast Paint	SSPC/SP6 Sandblast Paint
	LobePro Blue	LobePro Silver	LobePro Silver

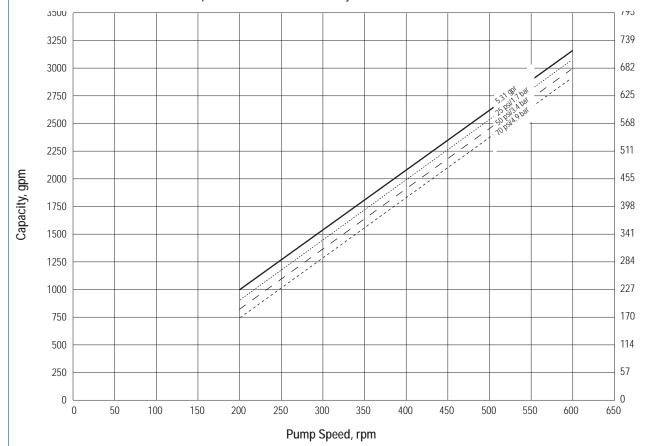


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Performance Curve - NBR Lobes*

Based on 70°F (21°C) fresh water (1 cp) at Sea Level. Output will increase as viscosity of the fluid increases from 1.



Capacity, m3/hr

