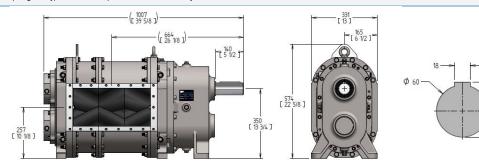


## API 676 Compliant Positive Displacement Rotary Lobe Pumps

1 200h	SPECIFICATIONS	US	Metric
L399h	Rated Capacity: Displacement (per 100 revolutions): Maximum Continuous 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 3,857 in lbf 0-500 RPM** 2.4" ANSI 16.5-150# ANSI 10" 890 lbs	0-453 m³/h 1,504 L 5.9 bar 436 N m 0-500 RPM 60 mm DN – PN 10 DN 200 401 kg
	Spherical Compressible Spherical Hard*	3" 1/8"	76 mm 3 mm
	NPSH required: * Larger hard solids will pass through but may a	3 ft.	1 m

MODEL > API-SL399h API-DL399h API-CL399h Service Non-Corrosive Sludge & Slurries **Chemical/Corrosive Oil, Gas, Abrasive and Corrosive** WETTED PARTS Rotary Lobes Elastomer Options NBR or HNBR, Opt. 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, Option Straight Helix, Option Straight Helix, Option Straight Number of lobe wings 4. Opt 2 4, Opt 2 4, Opt 2 Carbon Steel or Eng. Rec. Carbon Steel or Eng. Rec. Carbon Steel or Eng. Rec. Core Sealing Elastomers FKM O-rings Lip seals FKM or Engineer Recommendation Shaft Seal / Mechanical Seals\* LARS Single Mechanical, Opt. Tabbed or CART Internal Oil Cooled. LARS Single Mechanical, Opt. Tabbed or CART Type Flushing LARS Single Mechanical, Opt. Tabbed or CART Internal Oil Cooled. Internal Oil Cooled. Seal Faces Duronit, Opt. Silicon Carbide or Tungsten Carbide Silicon Carbide, Opt. Tungsten Carbide Tungsten Carbide, Opt. Silicon Carbide Seal Holders Carbon Steel with CR coating, Opt. 316SS 316 Stainless Steel 2205 Duplex Seal Inspection & Removal May be accomplished without removing driver May be accomplished without removing driver May be accomplished without removing driver AR500 Steel (Brinell 500) Wear Plates **Duplex Stainless Steel Duplex Stainless Steel** Housing Segments Duplex CD3Mn Stainless Steel or Eng. Rec Duplex CD3Mn Stainless Steel Duplex CD3Mn Stainless Steel Flange Carbon Steel 316 Stainless Steel Duplex Stainless Steel Bearing Nut Carbon Steel Carbon Steel Carbon Steel Bolts - Wear Plate Stainless Steel A2-A4 Stainless Steel A2-A4 Duplex Stainless Steel Stainless Steel Type 316L Stainless Steel Type 316L Stainless Steel Type 316L Spacer LIMITED EXPOSURE PARTS Duplex SS Adapter / A48 Non-wetted Opt. CIT Coated ASTM Grey Iron or Eng. Rec. Duplex SS Adapter / A48 Non-wetted Opt. CIT Coated ASTM Grey Iron or Eng. Rec. Duplex SS Adapter / A48 Non-wetted Opt. CIT Coated ASTM Grey Iron or Eng. Rec. Duplex SS Adapter / A48 Non-wetted Opt. CIT Coated ASTM Grey Iron or Eng. Rec. Pump Cover - DoorLh Assembly Steel Adapter / A48 Non-wetted Opt. ASTM A48 Grey Iron rust primed Quench /Seal Cooling Chamber ASTM A48 Grey Iron rust primed Opt. Steel Adapter / A48 Non-wetted NON-WETTED PARTS Timing Gears AGMA Class 9 SAE 1045 steel AGMA Class 9 SAE 1045 steel AGMA Class 9 SAE 1045 steel ASTM A48 Grey Iron Gear Housing ASTM A48 Grey Iron rust primed ASTM A48 Grey Iron AISI 4140 Alloy Steel Shaft AISI 4140 Alloy Steel AISI 4140 Alloy Steel Shaft Keyways Fillet radii conforming to ASME B17.2 Fillet radii conforming to ASME B17.2 Fillet radii conforming to ASME B17.2 Bearings K5 Fit; C3 internal Clearance per AGMA7 K5 Fit; C3 internal Clearance per AGMA7 K5 Fit; C3 internal Clearance per AGMA7 Pump Assembly/External Bolts Carbon Steel ISO 898-I Stainless Steel A2-A4 Stainless Steel A2-A4 OTHER INFORMATION Welding Operators qualified under ASME BPVC Section IX Operators qualified under ASME BPVC Section IX Operators qualified under ASME BPVC Section IX Draining and Venting Partially Drain capable. External venting required Partially Drain capable. External venting required Partially Drain capable. External venting required Flammable/Hazardous Service ATEX II 3G/D T3 ATEX II 3G/D T3 ATEX II 3G/D T3 PAINTING REQUIREMENTS Standard Painting SSPC/SP6 Sandblast Paint SSPC/SP6 Sandblast Paint SSPC/SP6 Sandblast Paint Color LobePro Blue LobePro Silver LobePro Silver

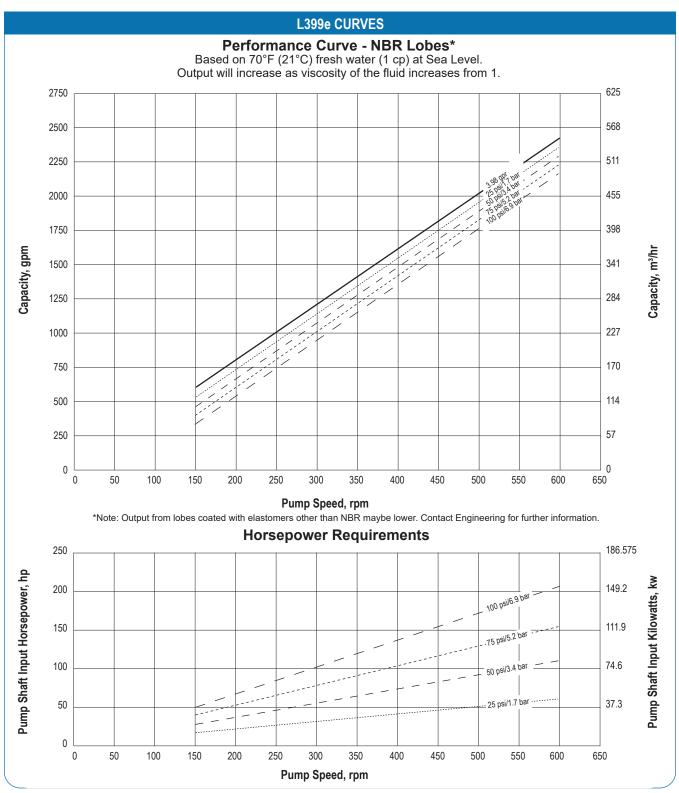
NOTE: Summary of the principal features of the LobePro API 676 compliant pump. There are many other provisions of API 676 which apply to the pump. Our API series pumps comply with all of these provisions. \*: Our mechanical seals do not comply with API-682 due to the space and design parameters of the pump. However, our seal is not an exception and is considered an "Engineered Seal" under API 676 Revision 4. Flushing with pumped fluid (sludge/slury) not desirable. Optional Plan 99 Oil Flush System available.



LobePro, Inc. • 2610 Sidney Lanier Drive • Brunswick, Georgia 31525 • 912-466-0304 • 1-888-997-7867 • www.LobePro.com © Copyright by LobePro, Inc. Specifications subject to change without notice.

## Section 35-66 30 January 2023

## MODEL > API-SL399h, API-CL399h, API-DL399h Standard Tests Test Description Hydrostatic Test Run Test Performance Test Sound Test Documentation Included Operates without leaking at 150% of MACP when hydro tested Tested to determine if the pump operates without excessive vibration or seal leaks throughout operating range. Tested at duty point to confirm pump curve. Shall be under 85 db's at a distance of 3 ft. (1 meter). IOM section with material certifications, test data and results, record of heat treatments, results of quality control tests, and other data as agreed with Purchaser



LobePro, Inc. • 2610 Sidney Lanier Drive • Brunswick, Georgia 31525 • 912-466-0304 • 1-888-997-7867 • www.LobePro.com © Copyright by LobePro, Inc. Specifications subject to change without notice.