LSV300-SERIES

Sewage and Dewatering Pump

Liberty Pumps®

A Family and Employee Owned Company

commercialseries

3 hp

3" Solids handling

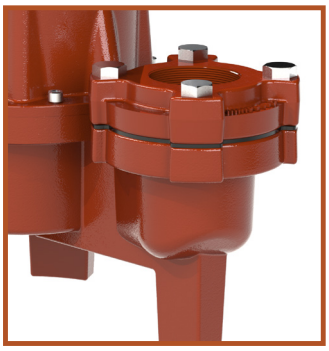
Vortex impeller

4" ANSI discharge

Features

- Cast iron construction with epoxy powder coating
- Stainless steel hardware
- Silicon Carbide/Silicon Carbide seal
- Buna-N O-ring seals
- Quick-connect power cords in 35', 50', or 100' lengths
- Thermal protector on 1-phase models
- Cast iron impeller





Vertical Discharge Option Available

Optional 4" to 3" ANSI Adapter Kit K002027 (sold separately)



Proudly made in the USA with US & global components

innovate. evolve.

LSV300-Series

Impeller

Class 30 cast iron vortex

Finish

Epoxy powder coat

Max Fluid Temperature

104°F (40°C) Continuous duty

Motor

Oil-filled, Class F insulation

Power Cord Type

SOOW, Quick-connect 35', 50', or 100' length options

Motor Housing

Class 25 cast iron

Volute

Class 30 cast iron

Shaft

Stainless

Mechanical Shaft Seal

Silicon carbide on silicon carbide

Bearings

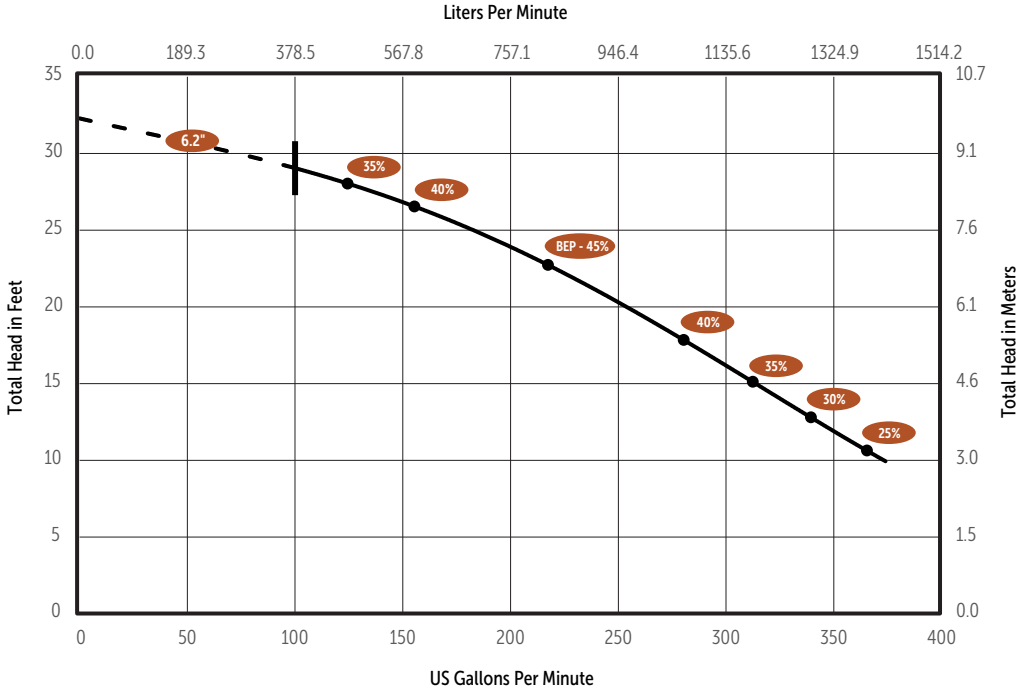
Upper and lower ball bearings

Warranty

18 Months from the date of installation or 24 months from the date of manufacture
See Liberty Pumps Limited Warranty - Wholesale Commercial Series

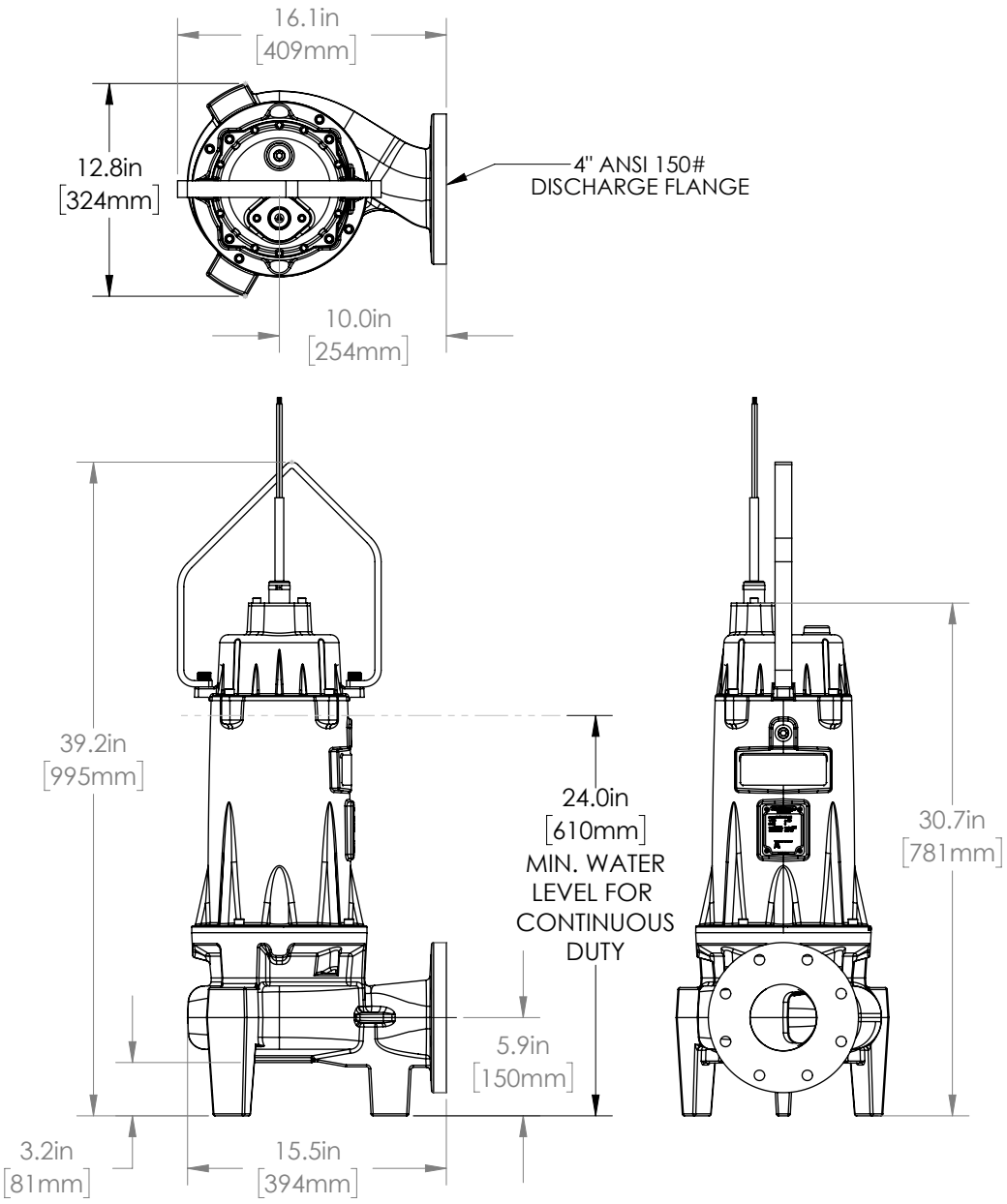
Performance Curve

60 Hz, 1725 RPM, 10' Minimum Head Required



*Stated efficiencies are Hydraulic Efficiency.
Wire-to-Water efficiency information is available upon request.

Dimensional Data - ANSI Horizontal Discharge

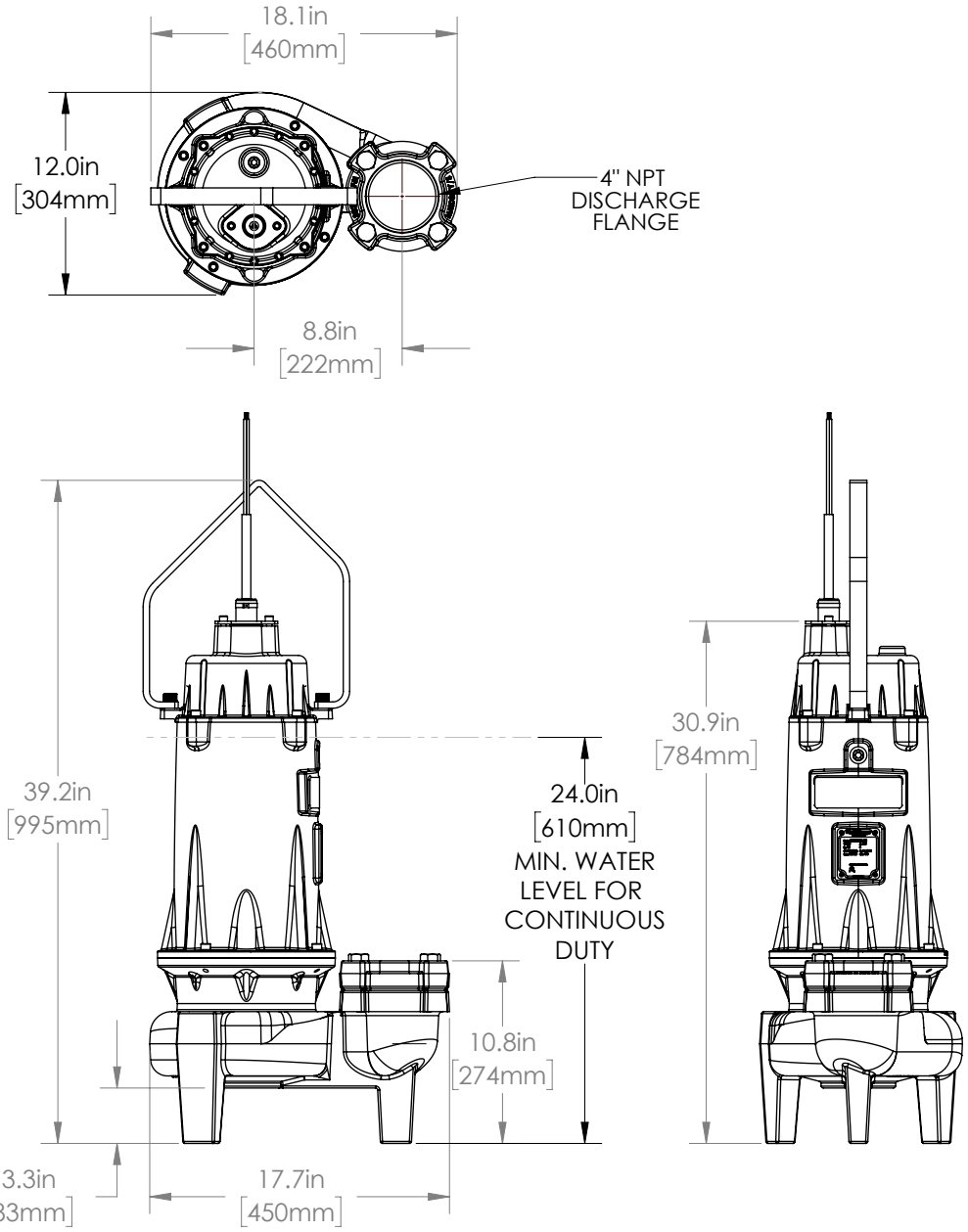


Models - Horizontal Discharge

MODEL	HP	VOLTS	PHASE	AMPS	DISCHARGE	WEIGHT in LBS (-3 MODELS)
LSV302	3	200/230	1	18.6	4" ANSI Horizontal	300
LSV303	3	200/230	3	13	4" ANSI Horizontal	300
LSV304	3	460	3	6	4" ANSI Horizontal	300
LSV305	3	575	3	4.8	4" ANSI Horizontal	300

For 35' cord option, add a "-3" suffix to model number. Example: LSV302-3
For 50' cord option, add "-5" suffix to model number. Example: LSV302-5
For 100' cord option, add "-1" suffix to model number. Example: LSV302-1
For a capacitor in the panel, add "-C" suffix to model number. Only available for LSV302. Example: LSV302-1-C

Dimensional Data - Vertical Discharge



Models - Vertical Discharge

MODEL	HP	VOLTS	PHASE	AMPS	DISCHARGE	WEIGHT in LBS (-3 MODELS)
LSV302V	3	200/230	1	18.6	4" Vertical	300
LSV303V	3	200/230	3	13	4" Vertical	300
LSV304V	3	460	3	6	4" Vertical	300
LSV305V	3	575	3	4.8	4" Vertical	300

For 35' cord option, add a "-3" suffix to model number. Example: LSV302V-3
For 50' cord option, add "-5" suffix to model number. Example: LSV302V-5
For 100' cord option, add "-1" suffix to model number. Example: LSV302V-1
For a capacitor in the panel, add "-C" suffix to model number. Only available for LSV302V. Example: LSV302V-1-C

Specifications subject to change without notice.

Copyright © Liberty Pumps, Inc. 2026 All rights reserved. LLIT006802-R09/26

Liberty Pumps - 7000 Apple Tree Avenue - Bergen, New York 14416
Phone 800-543-2550 - Fax 585-494-1839 - LibertyPumps.com