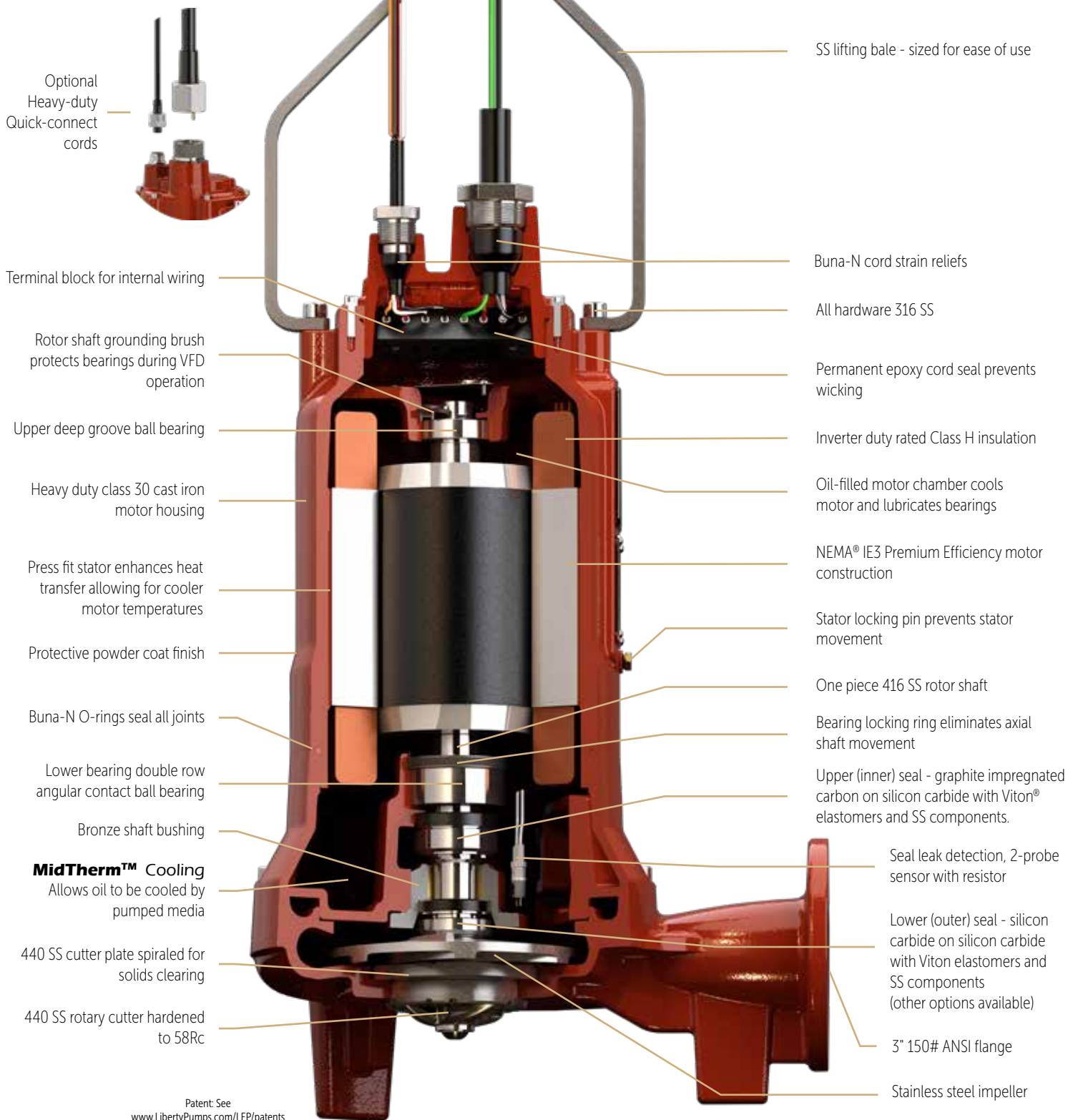




Patent: See
www.LibertyPumps.com/LEP/patents

Model Number	XLGH153A	XLGH154A	XLGH155A	XLGV153A	XLGV154A	XLGV155A
HP	15	15	15	15	15	15
Volts	200/230*	460	575	200/230*	460	575
Phase	3	3	3	3	3	3
Hz	60	60	60	60	60	60
RPM	3450	3450	3450	3450	3450	3450
FLA	59/53	27	21.6	57/50	25	20
LRA	252	126	96	252	126	96
Max kW Input	19.4	19.2	19.2	17.6	17.8	18.1
NEMA Code	A	A	A	A	A	A
Service Factor	1	1	1	1	1	1
Power Factor (%)	92	90	90	90	90	90
KVA Code	G	G	G	G	G	G
Std Impeller Diameter (in)	8.3	8.3	8.3	7.6	7.6	7.6
Shut-Off Head w/Std Impeller (ft)	250	250	250	200	200	200
Min Head w/Std Impeller (ft)	110	110	110	80	80	80
Max Flow @ Min Head (GPM)	142	142	142	248	248	248
Power Cord Type & Diameter	Type W, 1 in	Type W, 1 in	Type W, 1 in	Type W, 1 in	Type W, 1 in	Type W, 1 in

* System voltages: 208 and 240 volts with utilization voltages: 200 and 230 volts. These pumps are able to be rewired to 460 volts in the field.

Motor Insulation Class	H 180°C
Impeller Type	Semi-Open Impeller
Impeller Material	Stainless Steel
Control Cord Type & Diameter	18/5 SOOW, 0.375 in
Power Cord Length (Options)	35, 50, 100 ft
Heavy-duty Quick-connect Cords	Optional
Upper (Inner) Seal Material	Graphite Impregnated Carbon - Rotating Silicon Carbide - Stationary Viton Elastomers
Lower (Outer) Seal Material (Standard)	Silicon Carbide on Silicon Carbide Viton Elastomers
Lower (Outer) Seal Material (Optional)	Tungsten Carbide on Tungsten Carbide Viton Elastomers
Max Water Temp for Continuous Duty	40°C
Min Fluid Level for Continuous Operation	Motor Housing Fully Submerged
Fluid pH Range	4–10
Starts Per Hour	30
Shaft Material	416 Stainless Steel
Fastener Material	316 Stainless Steel
O-Ring Elastomers	Buna-N

Upper Bearing	Single Row Deep Groove
Lower Bearing	Double Row Angular Contact
Oil Type	ISO VG10 Turbine Oil
Max Submersion Depth	75 ft
Discharge	Horizontal 3 in 150# ANSI
Protective External Finish	Epoxy Powder Coat
Seal Fail Detection	Dual Probe - 2 Wire with Resistor 200K ohm Resistance
Thermal Protection	3 Hermetically Sealed Thermostats 125°C Opening Temperature 105°C Closing Temperature 3A @ 120VAC, 1A @ 240 VAC
Hazardous Location T-Code	T4 (135°C with Thermals Connected) T2 (300°C without Thermals Connected)
Volute Material	Class 30 Cast Iron
Pump Weight	400 lbs
Cuts Per Minute	Over 400,000
Cutter Material	Hardened 440 Stainless Steel
Certifications	CSA Certified to CSA, UL® and FM Standards CAN/CSA - C22.2 No. 145-11 UL 674 5th Ed FM 3615:2016 Class 1, Div. 1, Group C and D, T4 Class 1, Zone 1, Group IIA, IIB, T4

Specifications are subject to change without notice.