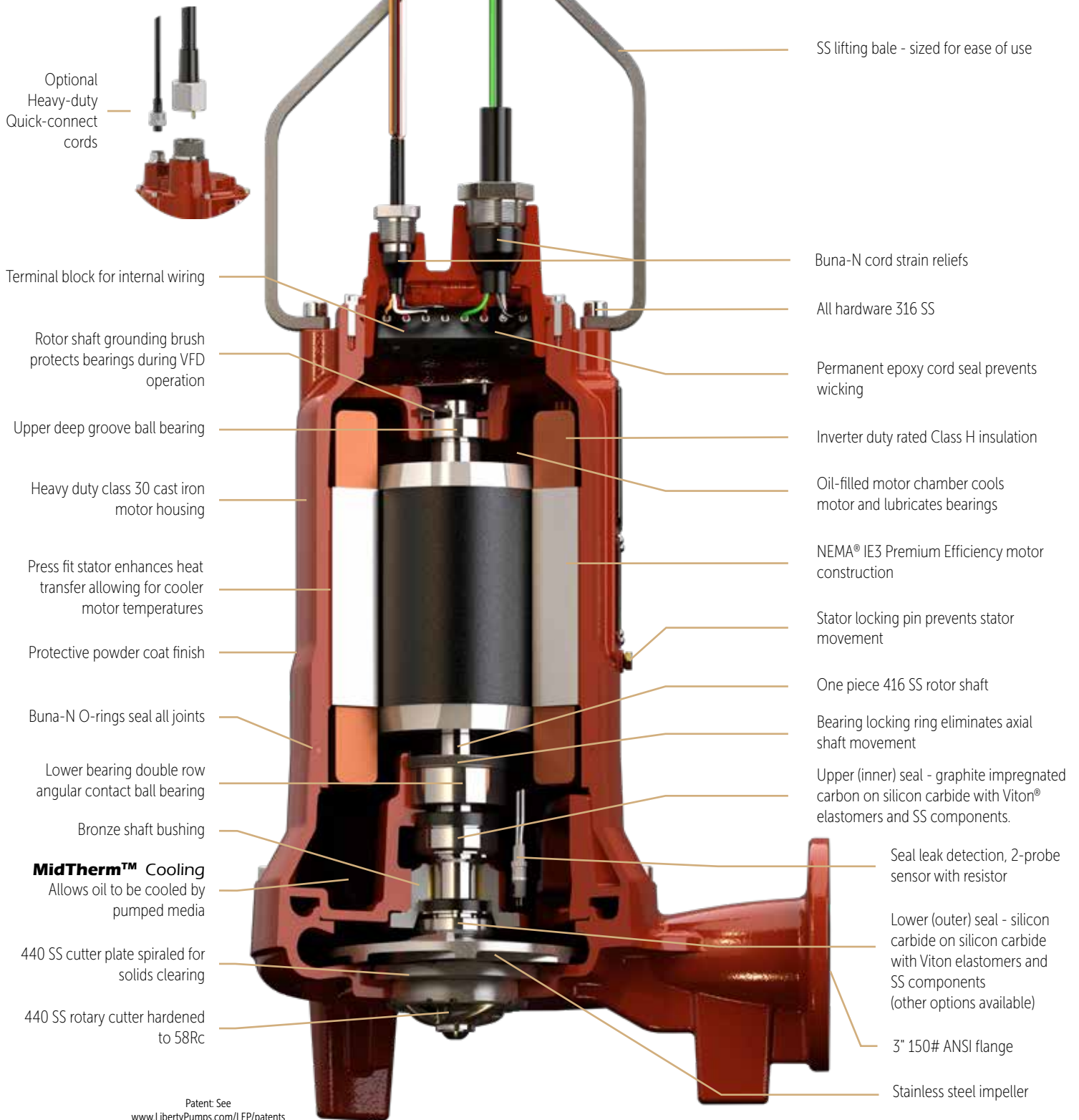




| Model Number                      | XLGH103A     | XLGH104A     | XLGH105A      | XLGV103A     | XLGV104A      | XLGV105A      |
|-----------------------------------|--------------|--------------|---------------|--------------|---------------|---------------|
| HP                                | 10           | 10           | 10            | 10           | 10            | 10            |
| 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                               | 52/44        | 21.5         | 16            | 43/37        | 19            | 14.5          |
| LRA                               | 230          | 115          | 88            | 230          | 115           | 88            |
| Max kW Input                      | 16.3         | 15.8         | 14.8          | 13.6         | 13.8          | 13.2          |
| NEMA Code                         | A            | A            | A             | A            | A             | A             |
| Service Factor                    | 1            | 1            | 1             | 1            | 1             | 1             |
| Power Factor (%)                  | 93           | 92           | 92            | 92           | 92            | 92            |
| KVA Code                          | J            | J            | J             | J            | J             | J             |
| Std Impeller Diameter (in)        | 7.5          | 7.5          | 7.5           | 7.0          | 7.0           | 7.0           |
| Shut-Off Head w/Std Impeller (ft) | 205          | 205          | 205           | 165          | 165           | 165           |
| Min Head w/Std Impeller (ft)      | 50           | 50           | 50            | 50           | 50            | 50            |
| Max Flow @ Min Head (GPM)         | 140          | 140          | 140           | 248          | 248           | 248           |
| Power Cord Type & Diameter        | Type W, 1 in | Type W, 1 in | SOOW, 0.72 in | Type W, 1 in | SOOW, 0.72 in | SOOW, 0.72 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.

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

|                                   |                                                                                                                                                                                        |
|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Upper Bearing</b>              | Single Row Deep Groove                                                                                                                                                                 |
| <b>Lower Bearing</b>              | Double Row Angular Contact                                                                                                                                                             |
| <b>Oil Type</b>                   | ISO VG10 Turbine Oil                                                                                                                                                                   |
| <b>Max Submersion Depth</b>       | 75 ft                                                                                                                                                                                  |
| <b>Discharge</b>                  | Horizontal 3 in 150# ANSI                                                                                                                                                              |
| <b>Protective External Finish</b> | Epoxy Powder Coat                                                                                                                                                                      |
| <b>Seal Fail Detection</b>        | Dual Probe - 2 Wire with Resistor<br>200K ohm Resistance                                                                                                                               |
| <b>Thermal Protection</b>         | 3 Hermetically Sealed Thermostats<br>125°C Opening Temperature<br>105°C Closing Temperature<br>3A @ 120VAC, 1A @ 240 VAC                                                               |
| <b>Hazardous Location T-Code</b>  | T4 (135°C with Thermals Connected)<br>T2 (300°C without Thermals Connected)                                                                                                            |
| <b>Volute Material</b>            | Class 30 Cast Iron                                                                                                                                                                     |
| <b>Pump Weight</b>                | 380 lbs                                                                                                                                                                                |
| <b>Cuts Per Minute</b>            | Over 400,000                                                                                                                                                                           |
| <b>Cutter Material</b>            | Hardened 440 Stainless Steel                                                                                                                                                           |
| <b>Certifications</b>             | CSA Certified to CSA, UL® and FM Standards<br>CAN/CSA - C22.2 No. 145-11<br>UL 674 5th Ed<br>FM 3615:2016<br>Class 1, Div. 1, Group C and D, T4<br>Class 1, Zone 1, Group IIA, IIB, T4 |