



## SPECIFICATIONS – VEHICLE MOUNTED: MODEL HL200/HL300/HL400

### Global Pump Power

Specifically designed for installation in international-style fire vehicles, the compact, rear-mounted HL series pumps have built-in high-pressure relief valves. The HL200 has ratings from 2000 L/min @ 10 bar (low pressure) to 400 L/min @ 40 bar (high pressure). The HL300 has ratings from 3000 L/min @ 10 bar (low pressure) to 400 L/min @ 40 bar (high pressure). The HL400 has ratings from 4000 L/min @ 10 bar (low pressure) to 400 L/min @ 40 bar (high pressure). All HL models provide brigades with pumps capable of high and low pressure simultaneously. All HL models are backed by an industry exclusive five-year warranty. An optional Total Protection Package (TPP-5) is available.



#### Design Features:

- Meets EN 1028-1 and EN 1028-2 standards
- Designed to pump both high and low pressure simultaneously
- Light corrosion-resistant construction - Entire pump with intake, discharge manifold, discharge valves, pedestal weighs less than 107 kg.
- Waterous automatic piston primer system (with optional manual override switch)
- Easily accessible high pressure strainer
- Built-in high pressure relief valve
- Automatic thermal relief valve
- Self-adjusting, maintenance-free mechanical seal
- Low maintenance design

#### Pump Specifications:

##### Pump Body:

Corrosion-resistant anodized aluminum or bronze

##### Low Pressure Impeller:

Wear-resistant anodized aluminum, flame-plated hubs

##### High Pressure Impeller:

Bronze

##### Impeller Shaft:

Stainless steel

##### Wear Rings:

Bronze

##### Shaft Seal:

Maintenance-free mechanical seal

##### Pedestal:

Constructed of anodized aluminum, the pedestal supports the Waterous automatic piston primer and main bearings.

##### Intake:

Anodized aluminum or bronze with 30° droop, two auxiliary 4" side flanges

- HL200 available with 4 in. BSP, 5 in. Victaulic®, 110 mm Storz® or 150 mm Storz® connection
- HL300 available with 6 in. BSP or 5 in. Victaulic® connection
- HL400 available with 6 in. BSP or 5 in. Victaulic® connection

##### Discharge Manifold:

Anodized aluminum or bronze with six discharge outlets

##### Discharge Valves (Low Pressure):

(2) Anodized aluminum non-return valve with 2-1/2" BSP (HL200 only)

##### Interstage Crossover Valve:

The valve incorporates both a built-in high pressure relief valve and a removable strainer for the high pressure stage inlet.

#### Options and Weights:

##### Round the Pump (RTP) Foam Proportioner:

Round the Pump Foam Proportioner is available in the following performance levels:

- 120 L/min
- 180 L/min
- 240 L/min

##### Total Protection Package (TPP-5)

The Total Protection Package is a comprehensive warranty that increases your standard warranty to include labor expenses to dismantle, remove and reinstall covered products or parts, F-2626.

##### Material:

Bronze (gunmetal) construction available.

**Weights: HL200 = 107kg HL300 = 111kg HL400 = 125kg**

#### Industry-Leading Sales and Support

When you purchase Waterous equipment, not only do you get quality products, you get quality service. Our expert service technicians are the best in the business and they are always happy to answer any service questions you might have.

##### Sales/Applications Assistance

Phone: 651-450-5234 (Press 3)

pumpsales@waterousco.com

##### Service Assistance

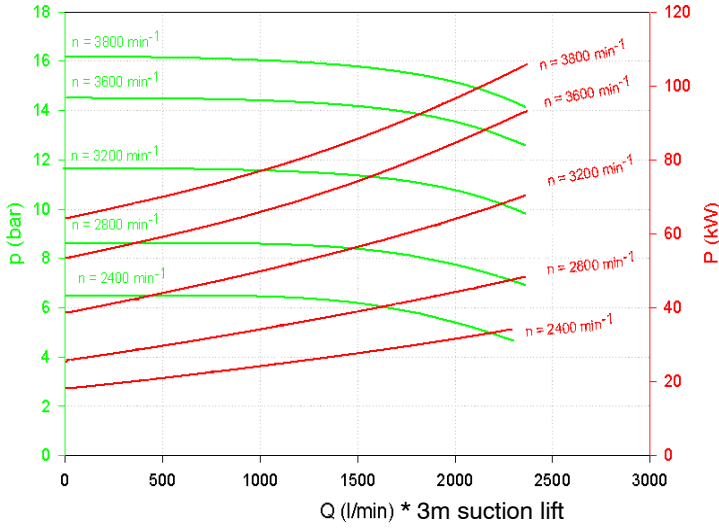
Phone: 651-450-5200

Fax: 800-488-1228

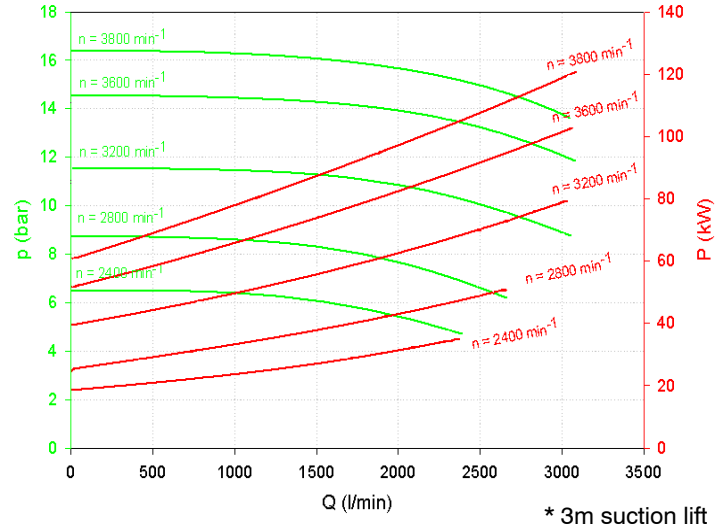
service@waterousco.com

# SPECIFICATIONS – VEHICLE MOUNTED: MODEL HL200 / HL300 / HL400

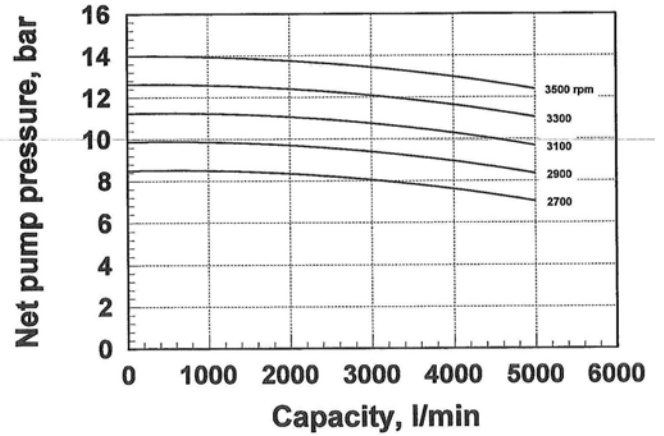
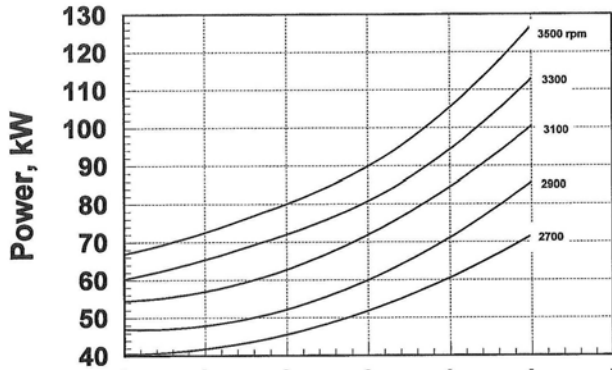
**HL200 Series Low Pressure**



**HL300 Series Low Pressure**



**HL400 Series Low Pressure**



**HL200, HL300 and HL400 Series High Pressure**

