

## SPECIFICATIONS

| Pump Head no. | Pump Material | Occlusion | Shaft Length | L/S <sup>®</sup> Tubing                 |
|---------------|---------------|-----------|--------------|-----------------------------------------|
| 7518-00       | PSF/CRS       | Fixed     | Short        | L/S <sup>®</sup> 13, 14, 16, 25, 17, 18 |
| 7518-02       | PSF/CRS       | Fixed     | Short        | L/S <sup>®</sup> 15, 24                 |
| 7518-10       | PSF/SS        | Fixed     | Short        | L/S <sup>®</sup> 13,14, 16, 25, 17, 18  |
| 7518-12       | PSF/SS        | Fixed     | Short        | L/S <sup>®</sup> 15, 24                 |
| 7518-20       | PSF/CRS       | Fixed     | Long         | L/S <sup>®</sup> 13, 14, 16, 25, 17, 18 |
| 7518-22       | PSF/CRS       | Fixed     | Long         | L/S <sup>®</sup> 15, 24                 |
| 7518-30       | PSF/SS        | Fixed     | Long         | L/S <sup>®</sup> 13,14, 16, 25, 17, 18  |
| 7518-32       | PSF/SS        | Fixed     | Long         | L/S <sup>®</sup> 15, 24                 |
| 7518-60       | PPS/SS        | Fixed     | Short        | L/S <sup>®</sup> 13, 14, 16, 25, 17, 18 |
| 7518-62       | PPS/SS        | Fixed     | Short        | L/S <sup>®</sup> 15, 24                 |
| 7518-80       | PPS/SS        | Fixed     | Long         | L/S <sup>®</sup> 13, 14, 16, 25, 17, 18 |
| 7518-82       | PPS/SS        | Fixed     | Long         | L/S <sup>®</sup> 15, 24                 |

### Typical Flow, Pressure and Vacuum Data:

| L/S <sup>®</sup> Tubing | Flow Rate        |                     | Discharge Pressure*   |                       | Vacuum*<br>@ 600 rpm<br>in (mm) Hg | Suction Lift*<br>@ 600 rpm<br>ft (m) H <sub>2</sub> O |
|-------------------------|------------------|---------------------|-----------------------|-----------------------|------------------------------------|-------------------------------------------------------|
|                         | @1 rpm<br>mL/Rev | @ 600 rpm<br>mL/min | Contin.<br>psig (bar) | Interm.<br>psig (bar) |                                    |                                                       |
| L/S <sup>®</sup> 13     | 0.06             | 36                  | 25 (1.7)              | 40 (2.7)              | 26 (660)                           | 29 (8.8)                                              |
| L/S <sup>®</sup> 14     | 0.21             | 130                 | 25 (1.7)              | 40 (2.7)              | 26 (660)                           | 29 (8.8)                                              |
| L/S <sup>®</sup> 16     | 0.80             | 480                 | 25 (1.7)              | 40 (2.7)              | 26 (660)                           | 29 (8.8)                                              |
| L/S <sup>®</sup> 25     | 1.7              | 1000                | 20 (1.4)              | 35 (2.4)              | 26 (660)                           | 29 (8.8)                                              |
| L/S <sup>®</sup> 17     | 2.8              | 1700                | 15 (1.0)              | 20 (1.4)              | 20 (510)                           | 22 (6.7)                                              |
| L/S <sup>®</sup> 18     | 3.8              | 2300                | 10 (1.0)              | 15 (1.4)              | 20 (510)                           | 22 (6.7)                                              |
| L/S <sup>®</sup> 15     | 1.7              | 1000                | 25 (1.7)              | 40 (2.7)              | 26 (660)                           | 29 (8.8)                                              |
| L/S <sup>®</sup> 24     | 2.8              | 1700                | 25 (1.7)              | 40 (2.7)              | 26 (660)                           | 29 (8.8)                                              |

**Number of rollers:** 3

**Maximum pump speed (rpm):** 600

**Nominal torque load-Running:** up to 90 oz-in (6.5 kg-cm)

**Housing materials:** Polysulfone (PSF) or Polyphenylene sulfide (PPS), stainless steel (SS), anodized aluminum, nylon

**Roller/bearing materials:** Cold-rolled steel (CRS)/Cold-rolled steel (CRS) or Stainless steel (SS)/Sealed stainless steel

**Rotor materials:** Cold-rolled steel (CRS) or Stainless steel (SS)

**Operating temperature †:** 32°F to 104°F (0°C to 40°C)

**Storage temperature:** -49°F to 149°F (-45°C to 65°C)

**Humidity:** 0 to 90% (non-condensing)

**Dimensions (W x H x D):**

**Operating:** 4<sup>1</sup>/<sub>16</sub> in x 4 in x 2<sup>3</sup>/<sub>16</sub> in  
(116 mm x 102 mm x 56 mm)

**Open:** 4<sup>1</sup>/<sub>16</sub> in x 5<sup>13</sup>/<sub>16</sub> in x 2<sup>3</sup>/<sub>16</sub> in  
(116 mm x 148 mm x 56 mm)

**Weight:** 1 lb (0.45 kg)

\* As tested with NORPRENE<sup>®</sup>, PHARMED<sup>®</sup> and TYGON<sup>®</sup> tubing. Values will be less with silicone and C-FLEX<sup>®</sup>.

† Use in this temperature range for continuous duty operation with no decrease in performance or product life. Pump heads will work outside this range with some possible reductions in performance or product life.