

## PL-12 Low Pressure Self Primer Pump



| Pump Data   | Self Priming Head  |
|---|--|
| Net Weight: 2200 lbs<br>Shipping Weight: 2350 lbs<br>Impeller Diameter: 18”<br>RPM range: 650 to 1250<br>Max. Solids: 3 ” | 650 rpm: 5’ – 750 rpm: 9’<br>850 rpm: 13’ – 950 rpm: 15’<br>1050 rpm: 16’ – 1150 rpm: 16’<br>1250 rpm: 16’<br><br>Check NPSH before using this table |

| COMPONENT       | MATERIALS OF CONSTRUCTION |          |                                   |            |        |                                    |       |        |
|-----------------|---------------------------|----------|-----------------------------------|------------|--------|------------------------------------|-------|--------|
|                 | STD                       | CI/316SS | CI/CD4MCU                         | CI/ADI     | CI/HCI | ADI                                | 316SS | CD4MCU |
| Casing          |                           |          | A48CL30                           |            |        | ADI                                | 316SS | CD4MCU |
| Impeller        | A60-40-18                 | 316SS    | CD4MCU                            | ADI        | HCI    | ADI                                | 316SS | CD4MCU |
| Wear Plate      | A48CL30                   | 316SS    | CD4MCU                            | ADI        | HCI    | ADI                                | 316SS | CD4MCU |
| Cover Plate     |                           |          | A48CL30                           |            |        | ADI                                | 316SS | CD4MCU |
| Bearing Housing |                           |          | A48CL30                           |            |        | ADI                                | 316SS | CD4MCU |
| Seal Plate      | A48CL30                   | 316SS    | CD4MCU                            | ADI        | HCI    | ADI                                | 316SS | CD4MCU |
| Flap Valve      |                           |          | NEOPRENE                          |            |        |                                    | VITON |        |
| Impeller Shaft  | ANSI4140HT                |          |                                   | ANSI17-4PH |        |                                    |       |        |
| Seal Sleeve     | ANSI4140HT                |          |                                   | ANSI17-4PH |        |                                    |       |        |
| Flanges         |                           |          | A48CL30                           |            |        | ADI                                | 316SS | CD4MCU |
| O’rings         |                           |          | BUNA                              |            |        |                                    | VITON |        |
| Mechanical Seal |                           |          | 316SS,BUNA,TUNGS/TITANIUM CARBIDE |            |        | 316SS,VITON,TUNGS/TITANIUM CARBIDE |       |        |

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### PERFORMANCE CURVE 12" X 12"

