

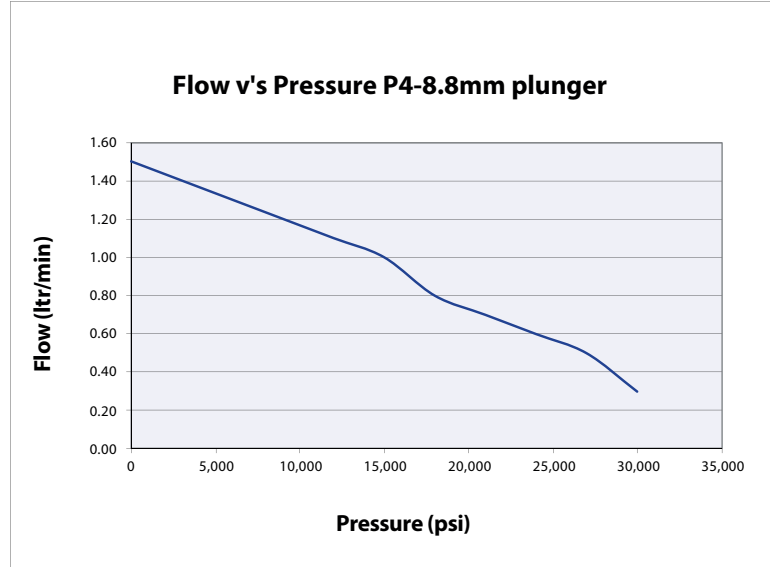
P4 Series CP-P4-8-D Data Sheet

The CP-P4-8-D operates with an 8.8mm plunger, it is the highest pressure rated pump in the P4 series this pump is suited for high range pressure testing, or injection in high pressure environments. The CP-P4-8-D has a pressure range up to 30,000 psi and an injection rate up to 1.5 ltr/min with a stroke volume of 3.5cc

Air input to hydraulic discharge pressure static/stall values:

| Pump Model | Hydraulic Piston Diameter | Pump Ratio | 20 psig Air Supply | 40 psig Air Supply | 60 psig Air Supply | 80 psig Air Supply | 100 psig Air Supply |
|------------|---------------------------|------------|--------------------|--------------------|--------------------|--------------------|---------------------|
| CP-P4-8-D | 8.8mm | 321 - 1 | 6,400 | 12,800 | 19,200 | 25,700 | 32,000 |

Flow Charts:



| Pressure (PSI) | Flow (ltr/min) |
|----------------|----------------|
| 0 | 1.5 |
| 3,000 | 1.4 |
| 6,000 | 1.3 |
| 9,000 | 1.2 |
| 12,000 | 1.1 |
| 15,000 | 1.0 |
| 18,000 | 0.8 |
| 21,000 | 0.7 |
| 24,000 | 0.6 |
| 27,000 | 0.5 |
| 30,000 | 0.3 |

Pump Dimensions:

