



Technical Data Sheet

Pump Model - DSF-25 (1.5 HP - 25)

Technical Data Sheet



1.5 HP (1.12kW) Pump

- Safe pneumatic operation
- Infinitely variable cycling speed
- Problem-free stop start operation
- Easily automated from various modification and control options
- Operates from clean dry oil free air - no lubrication required - cleaner operation lower cost
- Stall feature at pre-determined pressure to hold that pressure without consuming power
- Robust, reliable, compact and easy to maintain proven design
- Excellent worldwide service for spares and repairs
- ATEX Ex II 2 G c T3

Performance Data

| | |
|---|--|
| Max Rated Output Pressure (Continuous): | 275.8 bar.g |
| Max Rated Output Pressure (Intermittent): | 275.8 bar.g |
| Displacement per Cycle: | 0.00 m ³ |
| Maximum Flow: | 0.48 m ³ /h |
| Ratio: | 29 : 1 |
| Temperature: | -4deg C (+25 deg F) to +65 deg C (150 deg F) |

Construction

| | |
|----------------|----------------------------|
| Pump Section: | All Stainless Steel |
| Plunger: | 440C SS Hard Chrome Plated |
| Non Metallics: | UHMWPE, PTFE, Ryton, viton |

Services

| | |
|------------------|---|
| Service Code 2: | 2 - Plain water |
| Service Code 3: | 3 - Most phosphate ester base fire resistant fluids |
| Service Code 5a: | 5a - Also Suitable for code 5 fluids if Viton static seals are replaced with EPR. Specify modification 51331. |
| Service Code 6: | 6 - Deionised water, demineralised water |

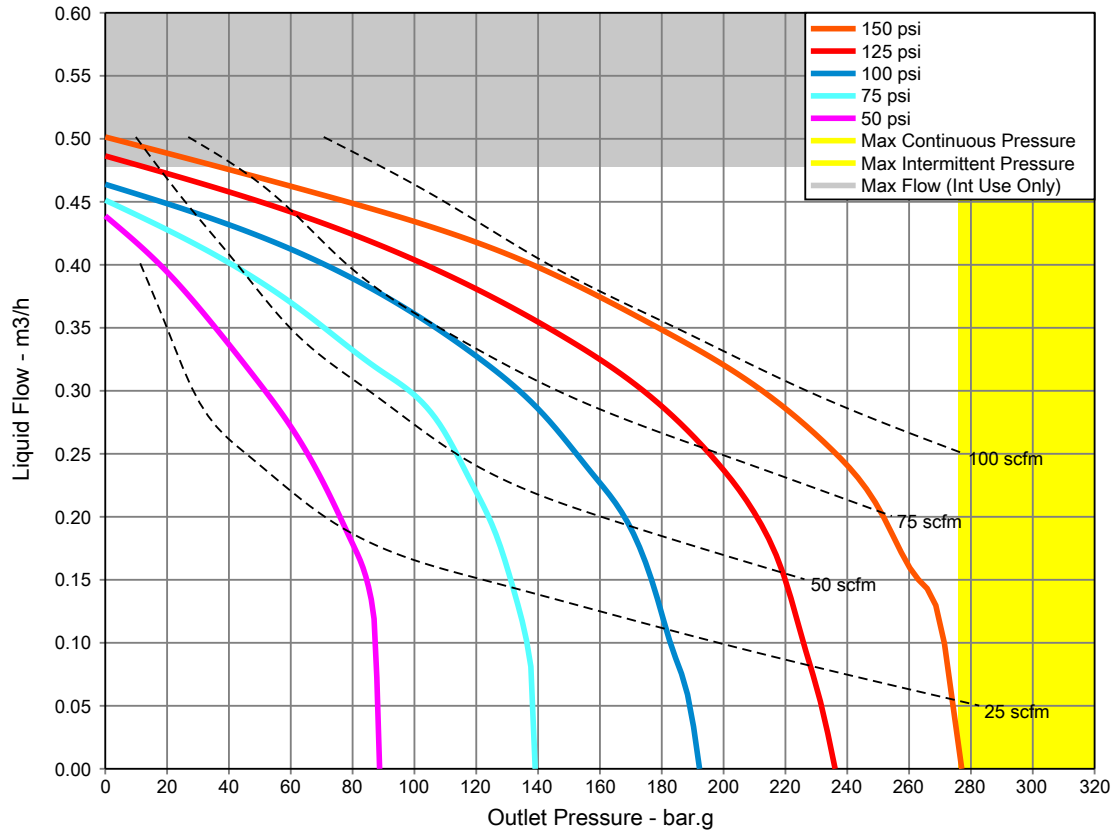
Connections

| | |
|------------------|-----------------|
| Air Drive Inlet: | 1/2" NPT Female |
| Liquid Inlet: | 1/2" NPT Female |
| Liquid Outlet: | 1/2" NPT Female |

Dimensions

| | |
|----------------------------------|--------------------|
| Weight: | 11.00 kg |
| Boxed Weight: | 12.00 kg |
| Boxed Dimensions (in x in x in): | 17.3 x 14.6 x 17.3 |

Flow Curve - DSF-25 (1.5 HP - 25)



Curves and duty point data within this data are calculated and subject to an accuracy of +/- 3%