


TECHNICAL DATA SHEET

| | | |
|---------|---|---|
| PRODUCT | PU-DA267/4-N*-L1**/options |  |
| SERIES | DA Double Acting Air operated, high flow, double acting hydraulic pumps for pressure testing, chemical injection and hydraulic power. | |

FEATURES

- Infinitely variable output pressure and flow
- Holds static pressure without generating heat or consuming power
- Standard models are suitable for oil or water applications
- Well proven and trouble-free operation
- Designed for ease of maintenance
- Low cost servicing
- Robust construction

PERFORMANCE DATA

| | |
|---------------------------|--|
| Max Rated Output Pressure | 26,700psi (1,841bar) |
| Output Per Cycle | 2.0 in ³ (33cc) |
| Max Flow | 328 in ³ /min (5 litre/min) |
| Max Air Supply Pressure | 100psi (7bar) |
| Ratio | 267 : 1 |
| Air Consumption | 120 scfm (3,400 NI/min) |

SEAL OPTIONS (N*)

| | |
|---------------|--|
| N* (standard) | Nitrile (Buna-N) Main Seal and Check Valve Seals |
| V | Viton (FKM) Main Seal and Check Valve Seals |
| C | Chemraz (FFKM) Main Seal and Check Valve Seals |

CONSTRUCTION

| | |
|-----------|---|
| Air Motor | Anodised Aluminium / Nitrile (Buna-N) Seals |
|-----------|---|

| | |
|--------------------|---|
| Hydraulic Cylinder | Aluminium Bronze |
| Piston | Stainless Steel + Corrosion Resistant Chrome Finish |
| Check Valves | Stainless Steel (Seals as per Selected Seal Option) |
| Pilot Air Valves | Brass / Stainless Steel Internals / Nitrile (Buna-N) Seals / Stainless Steel Pipework |
| L1** (standard) | Plated Steel Silencer |
| L2** (optional) | Stainless Steel Silencer |

CONNECTIONS

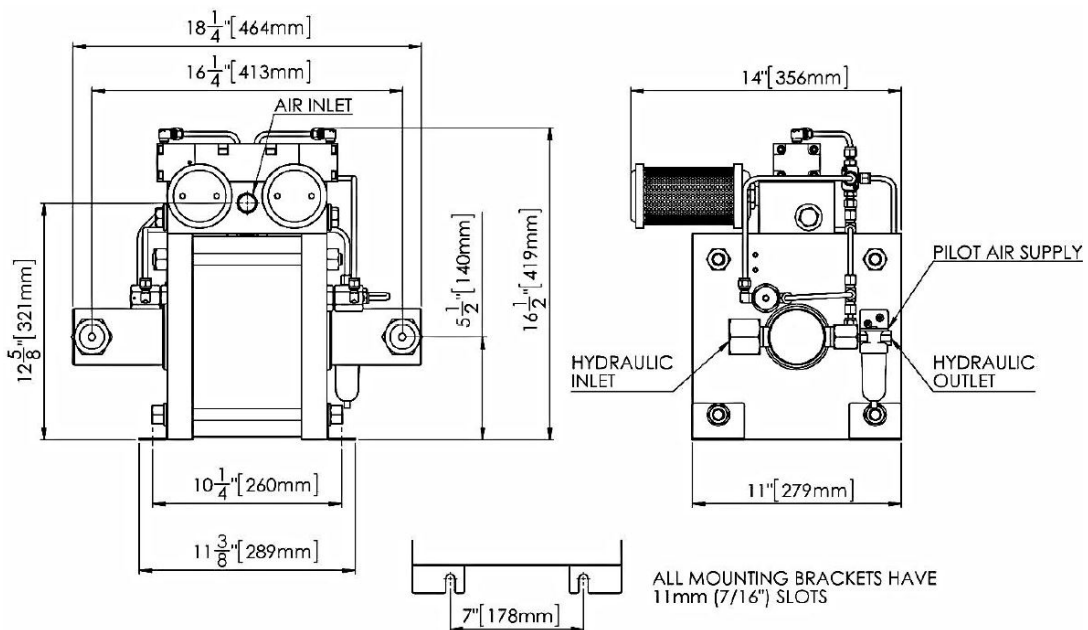
| | |
|------------------|--------------|
| Hydraulic Inlet | 3/8" NPT(F) |
| Hydraulic Outlet | 3/8" HP(F) |
| Air Inlet | 3/4" NPT(F) |
| Pilot Air Supply | 1/8" BSPP(F) |
| Net Weight | 40kg (88lb) |

COMMON OPTIONS (BUT NOT LIMITED TO)

| | |
|-----|---|
| / A | ATEX (94/9/EC) II 2GD c T5 |
| / F | Panel mount digital stroke counter (non ATEX) |
| / G | Panel mount pneumatic stroke counter |

GENERAL LAYOUT DRAWING

Model: **PU-DA267/4**



HYDRAULIC PRESSURE STATIC / STALL CONDITIONS

| AIR PRESSURE | HYDRAULIC PRESSURE |
|----------------|----------------------|
| 20psi (1.4bar) | 5,360psi (370bar) |
| 40psi (2.8bar) | 10,720psi (739bar) |
| 60psi (4bar) | 16,080psi (1,109bar) |
| 80psi (5.5bar) | 21,440psi (1,479bar) |
| 100psi (7bar) | 26,700psi (1,841bar) |

FLOW CURVE

DA267 - Ratio 267:1

