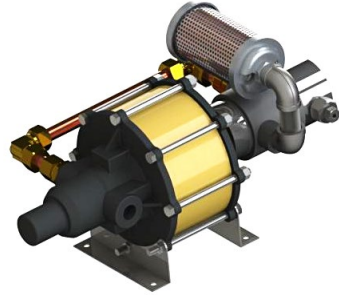


TECHNICAL DATA SHEET

| | | |
|---------|---|--|
| PRODUCT | PU-GBS15-L**/options |  |
| SERIES | Single Acting Air operated, high flow gas booster compressors offer a flexible and efficient source for delivering high pressure gases. | |

FEATURES

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

PERFORMANCE DATA

| | |
|--|------------------------------|
| Max Rated Output Pressure | 1,500psi (103bar) |
| Displacement Per Cycle | 6.0 in ³ (98.3cc) |
| Max Flow | 9.72 scfm (275 NI/min) |
| Max Air Supply Pressure | 100psi (7bar) |
| Ratio | 12 : 1 |
| Air Consumption | 56 scfm (1,586 NI/min) |
| Supply Pressure to Achieve Max Output Pressure | 125psi (8.6bar) |
| Actual Output Pressure (Stall Condition) | 15 x (Air drive pressure) |

SEAL MATERIAL

| | |
|-------------------|-------|
| Main Seals | MoS2 |
| Check Valve Seals | Viton |

CONSTRUCTION

| | |
|-----------------|---|
| Air Motor | Anodised Aluminium / Wound Composite / Nitrile (Buna-N) Seals |
| Gas Cylinder | 17-4PH + Chrome Finish |
| Piston | Aluminium Bronze |
| Check Valves | Stainless Steel |
| L1** (standard) | Copper / Brass, Pipework / Fittings & Plated Steel Silencer |
| L2** (optional) | Stainless Steel Pipework, Fittings & Silencer |

CONNECTIONS

| | |
|------------|-------------|
| Gas Inlet | 3/8" NPT(F) |
| Gas Outlet | 3/8" NPT(F) |
| Net Weight | 16kg (35lb) |

COMMON OPTIONS (BUT NOT LIMITED TO)

| | |
|-----|---|
| / A | ATEX - Zone 1 Category II |
| / F | Panel mount digital stroke counter (non ATEX) |
| / G | Panel mount pneumatic stroke counter |

GENERAL LAYOUT DRAWING

Model: PU-GBS15

