TECHNICAL DATA SHEET

PRODUCT	**GPU-GBS15-L**/options**
SERIES	**GPU- 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 in³ (98.3cc)
Max Flow	9.72 scfm (275 Nl/min)
Max Air Supply Pressure	100psi (7bar)
Ratio	12 : 1
Air Consumption	56 scfm (1,586 Nl/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

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CONSTRUCTION

Frame	Stainless Steel
Air Motor	Anodised Aluminium / 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)
Air Inlet	1/2" BSPP(F)
Net Weight	37kg (81lb)

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
/ I (over all dimension varies)	Isolation valve
/ K	Inlet gas gauge
/ M	Mild steel painted frame (Painted Blue) + Stainless steel tank (if applicable to the unit)
/ O (over all dimension varies)	Single pen chart recorder complete with recorder isolation valve
/ R	Relief valve
/ W	Fitted with wheels
/ X	Gauge protection guard

GENERAL LAYOUT DRAWING   Model: **GPU-GBS15**

16½"[419.10mm]

AIR INLET 1/2"BSPP(F)

17½"[444.50mm]

13"[329.58mm]

2⅝"[65.13mm]

2⅝"[65.13mm]

GAS INLET

GAS OUTLET

21½"[546.10mm]

AIR SUPPLY REGULATOR

PUMP AIR SUPPLY PRESSURE GUAGE

SYSTEM PRESSURE GAUGE

PRESSURE RELEASE VALVE

START STOP VALVE

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