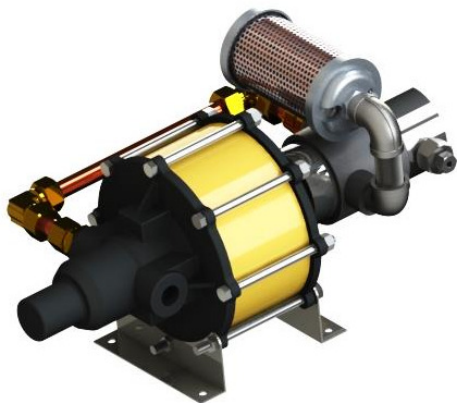


Technical Data Sheet

Model – PU-GBS186-L **/options



GBS SERIES

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	18,600psi (1,282bar)
Displacement Per Cycle	0.49 in ³ (8cc)
Max Flow	2.76 scfm (78 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	1,550psi (107bar)
Actual Output Pressure (Stall Condition)	186 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
Piston	17-4PH + Chrome Finish
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	1/4"HP(F)
Net Weight	16kg (35lb)

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-GBS186

