hydratron

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TECHNICAL DATA SHEET

PRODUCT	**GPU-GBD66/186-L**/options**
SERIES	**GPU- 2-Stage Double 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	21,000psi (1,448bar)
Displacement Per Cycle	4.0 in^3 (65.5cc)
Max Flow	7.52 scfm (213 Nl/min)
Max Air Supply Pressure	100psi (7bar)
Ratio	40 : 1
Air Consumption	120 scfm (3,400 Nl/min)
Supply Pressure to Achieve Max Output Pressure	857psi (59bar)
Actual Output Pressure (Stall Condition)	186 x (Air drive pressure) + 2.8 x (Supply pressure)

SEAL MATERIAL

Main Seals	MoS2
Check Valve Seals	Viton

CONSTRUCTION

Frame	Stainless Steel
Air Motor	Anodised Aluminium / Nitrile (Buna-N) Seals
Gas Cylinder	17-4PH
Piston	17-4PH + Chrome Finish
Check Valves	Stainless Steel
Pilot Air Valves	Brass / Stainless Steel Internals / Nitrile (Buna-N) Seals / Stainless Steel Silencer
L1** (standard)	Brass / Copper Gas Inlet, Air Inlet and Plated Steel Silencer
L2** (optional)	Stainless Steel Gas Inlet, Air Inlet and Silencer

CONNECTIONS

Gas Inlet	1/4" NPT(F)
Gas Outlet	1/4" HP(F)
Air Inlet	3/4" BSPP(F)
Net Weight	100kg (220lb)

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-GBD66/186**