SiTeKe Ultra high pressure pump & valve Professional Manufacturer

Technical Date Sheet Moder-2GBT30-200/options

2GBT15/30-2GBT15/60-2GBT30/60
2GBT30/130-2GBT60/200

2GBT30-200 SERIES DUAL STAGE

Air operated, high flow air booster compressors offer a flexible and efficient source for delivering high pressure gases.

Features:

- Will hold static pressure without generating heat or consuming power.
- Standard models are suitable for air
- Well proven and trouble free operation
- Designed for ease of maintenance
- Low cost servicing
- Robust construction

Performance Data

PA=drive gas PI=input gas PO=output gas

Boost ratio 200:1

Piston / rod diameter: 28/16 MM

Minimum gas inlet pressure 60

Maximum allowable outlet pressure 498 PO(Bar)

Gas outlet pressure calculation formula PO = 60PA+3PI

Gas inlet IN PT3/8"

Gas outlet OUT HF4

MAX traffic standard liters per minute (NL/MIN) 370@PI=60

Seal Material

Main Seals	polyurethane , NBR
Check Valve Seals	NBR

Construction

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

Gas Cylinder	6061
Piston	Aluminium Bronze / Chrome Finish
Check Valves	Stainless Steel
Pilot Air Valves	Brass / Stainless Steel Internals / Nitrile (Buna-N) Seals / Stainless Steel Silencer
L1** (Standard)	Copper Air Inlet & Plated Steel Silencer
L2** (Optional)	Stainless Steel Air Inlet & Silencer

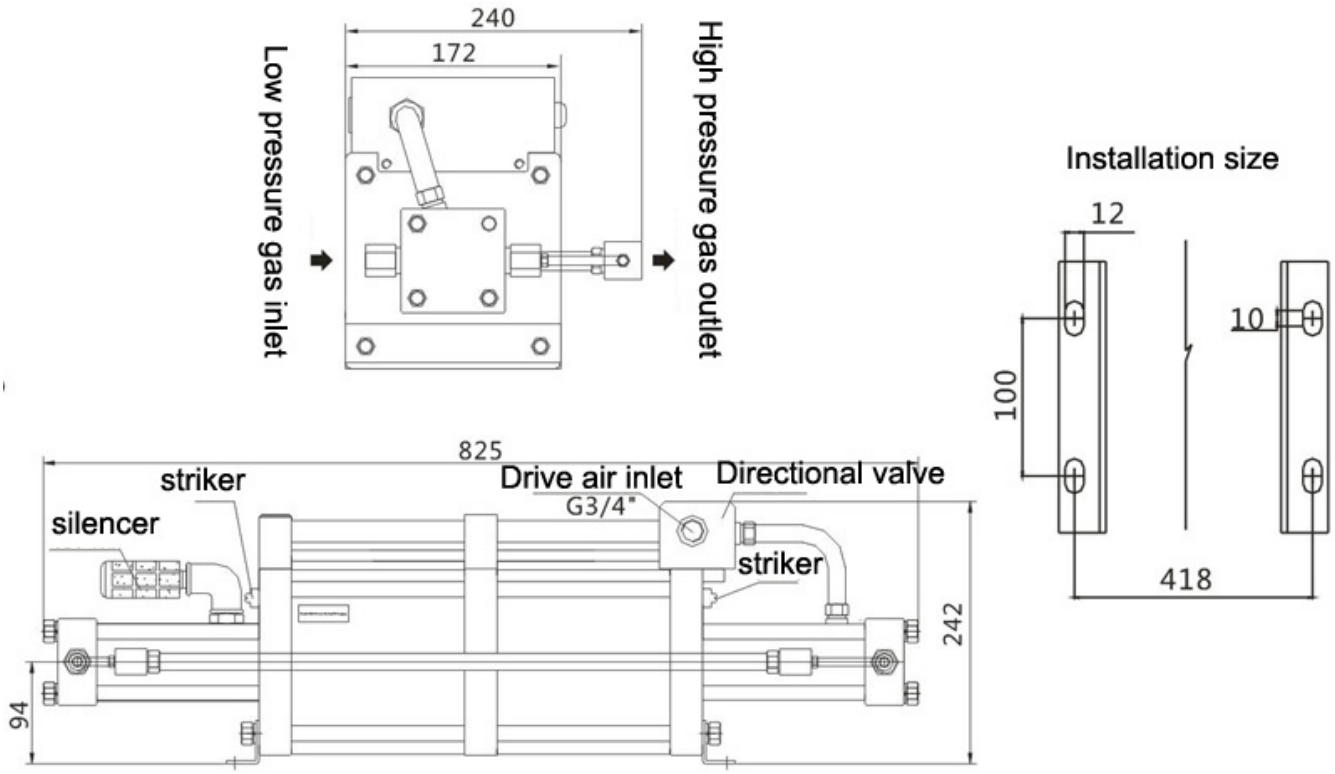
Connections

Gas Inlet	3/8”BSPT(F)
Gas Outlet	HF4 BSPT(F)
Air Inlet	3/4” BSPT(F)
Pilot Air Supply	1/8”BSPP(F)
Net Weight	30KG

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 counte

General Layout Drawing **Model – 2GBT30-200**/options**



1. Drive air source switch
2. Air pressure regulating valve
3. Pressure gauge
4. Filter
5. Needle valve
6. Silencer
7. Safety valve

GBD series pressurization Typical installation circuit diagram