

Technical Date Sheet Moder-GB08T/options



GB08T SERIES DUAL STAGE

- GB05T-GB08T

 - ✧ GB series gas booster pump, purchased from aluminum alloy and stainless steel
 - ✧ Can use 17-4PH, 15-5PH, 440C, Hastelloy and other materials to meet special media
 - ✧ All seals are imported high-quality materials, the maximum driving pressure is 8.3Bar
 - ✧ The series drives the piston directly to 160MM. Pneumatic intake G1/2"
 - ✧ GB25, GB40, GB60, GB100. Both have air-cooling function
 - ✧ This series of gas booster pumps are used for high pressure of the gas source itself and require high output pressure.

✧ Where there is no requirement for flow

✧ Some products can be used to pressurize special gases or vacuum

Performance Data

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

Boost ratio 8:1

Piston / rod diameter: 63 MM

Minimum gas inlet pressure 3.4

Maximum allowable outlet pressure 66.4 PO(Bar)

Gas outlet pressure calculation formula $PO = 7PA + PI$

Gas inlet IN PT3/8"

Gas outlet OUT PT3/8"

MAX traffic standard liters per minute (NL/MIN) 362@PI=7

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

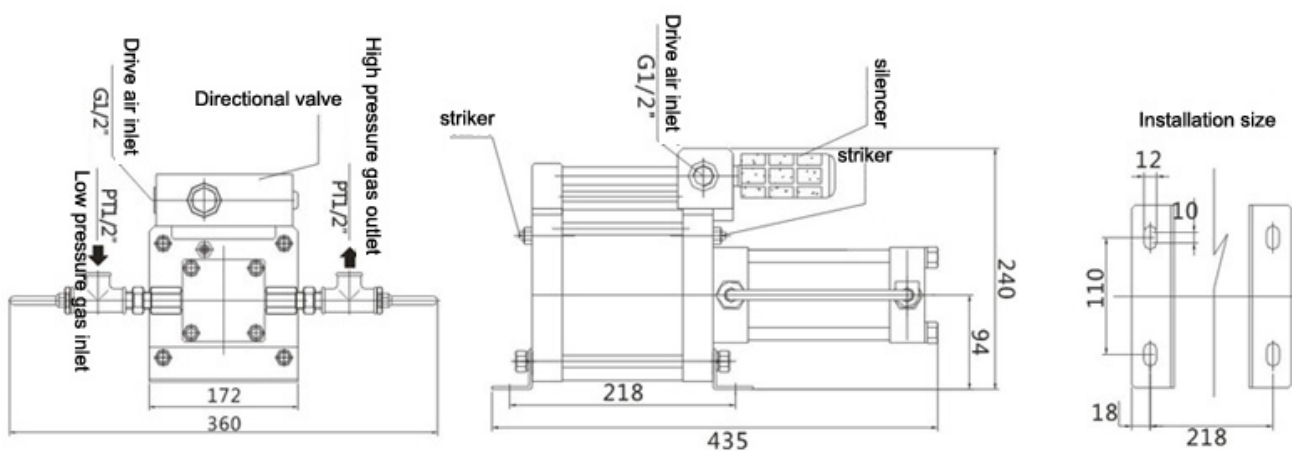
Gas Inlet	1/2"BSPT(F)
Gas Outlet	1/2" BSPT(F)
Air Inlet	3/4" BSPT(F)
Pilot Air Supply	1/8"BSPP(F)
Net Weight	19KG

Common options (but not limited to)

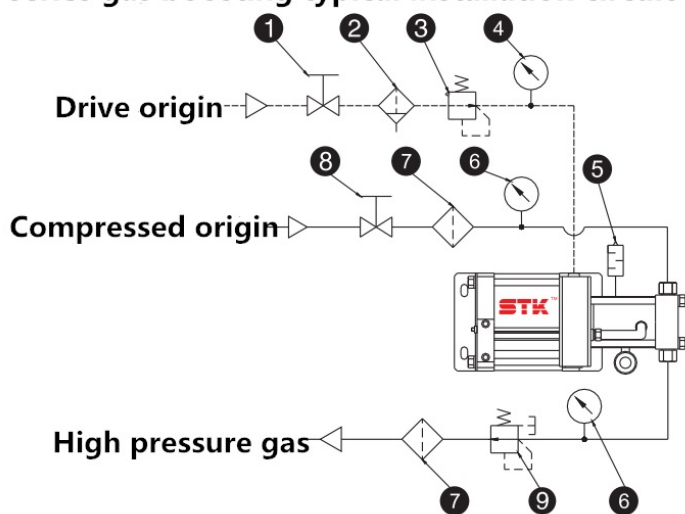
/A	ATEX (94/9/EC) II 2GD c T5
/F	Panel mount digital stroke counter (non ATEX)
/G	Panel mount pneumatic stroke counte

General Layout Drawing

Model – GB 08 T **/options



GB series gas boosting typical installation circuit diagram



The numbers are explained below

- ① Drive origin switch
- ② Air filter
- ③ Regulating valve
- ④ Air pressure gauge
- ⑤ Filter
- ⑥ Pressure gauge
- ⑦ Precision filter
- ⑧ Needle valve
- ⑨ Relief valve