PROTECH PUMPS
Air Driven Pumps & Boosters

PBT15/40 Air Driven Gas Booster

Double Acting Two Stage

- Stainless steel wetted materials of construction
- Specialised construction materials available
- PTFE pressure seals as standard
- Built-in cooling of gas barrels (most models)
- Separation between gas & pneumatic seals
- No airline lubrication required
- 120mm stroke reduces cycle rate & increases life
- Suitable for most hazardous areas
- Suitable for most gases
- Available as a complete packaged system (ProPak)

Specifications

Air Drive Media	Compressed Air, Nitrogen or other Non-Corrosive Gas	**Displacement per Cycle**	161 cc (9.82 cu. in)
Ratio	40:1	**Max Air Drive Pressure**	8 bar (116 psi)
Weight	24kg (52 lbs)	**Min Inlet Gas Pressure**	3.4 bar (50 psi)
Static Stall Formula	40 x Air Drive + 2.5 x Gas Inlet	**Max Outlet Gas Pressure***	600 bar (8,700 psi)

* Consideration to inter-stage stall must be given when selecting 2 stage gas boosters. Refer to the full explanation on protechpumps.com

Typical Applications

Gas pressure & leak testing
Accumulator charging
Breathing air systems
Leak detection systems
Gas transfer
Automotive air bag filling
Aviation charging

Typical Gases

Compressed Air
Nitrogen (N_2)
Carbon Dioxide (CO_2)
Helium (He)
Hydrogen (H_2)
Oxygen (O_2)
Argon (Ar)
Plus many more

ProTech also have a full range of Liquid Pumps & Chemical Injection Systems

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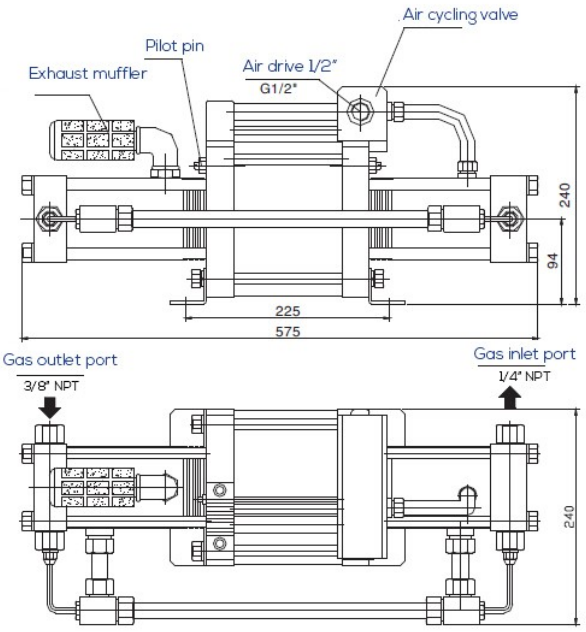
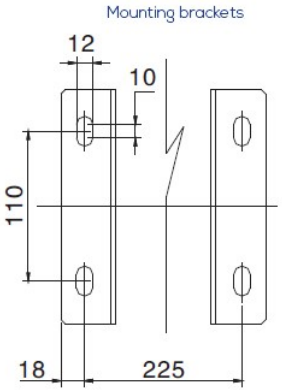
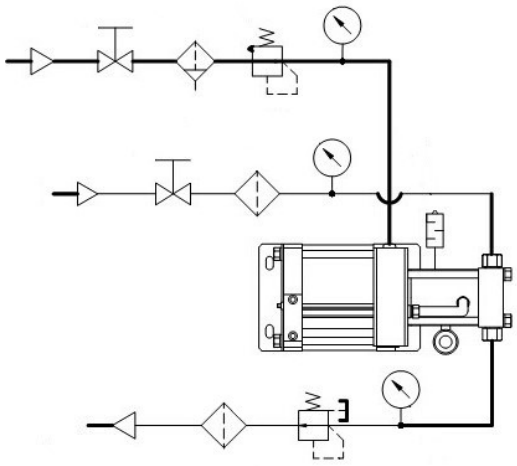




PROPAK2 Standard Gas Booster System

Each PROPAK is a self contained Stainless Steel unit which incorporates the following items: Air pressure regulator, air filter, air pressure gauge and on/off speed control valve; ProTech air driven gas booster up to 1090 bar; gas inlet & outlet filters, pressure relief valve; gas inlet & outlet isolation. Additional accessories are available including air pilot switches, data acquisition packages and receivers



PROTECH PUMPS has more than 50 years of hydraulic and pneumatic engineering experience in the design and manufacture of pumps and systems for pressure testing and chemical injection. Continuous investment in new machinery and advanced technology keeps PROTECH PUMPS at the forefront of the field. We offer one of the most complete range of Air Driven Pumps & Boosters in the industry measured for:

> Capability of ultimate pressure, flow or output horsepower.
> Compatibility with a broad variety of liquids, such as oil, water and chemical applications.

ProTech Pumps

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