

TECHNICAL DATA

GB-H-152 | Gas Booster Package



Product overview: GB-H-152 | Gas Booster Package

GB-H-152-70M and GB-H-152-100M models include a pneumatically driven, piston type, self-cycling gas booster with regulated output to provide the PPCH-G high pressure supply. The gas booster boosts a lower pressure usually supplied from a bottle, to higher pressure. The high pressure gas is stored in an accumulator volume to assure stable supply to the PPCH-G. GB-H-152-70M has a maximum output pressure of 100 MPa (15 000 psi). GB-H-152-100M has a maximum output of 120 MPa (18,000 psi).

Both models also include an independent low pressure output to supply the PPCH-G drive air requirement.

With a GB-H-152 gas booster, all of the PPCH-G pressure supply requirements are taken care of in one simple package requiring only the connection of a test gas source and a drive air supply to power the booster.

Features:

- Designed to provide a regulated high pressure gas output to PPCH-G
- Two regulators allowing control of two independent pressure outputs
- Two high pressure output ranges:
 - **GB-H-152-70M**:: pressure up to 15,000 psi(100 MPa) to supply PPCH-G-70M
 - **GB-H-152-100M**:: pressure up 18,000 psi (120 MPa) to supply PPCH-G-100M

Specifications: GB-H-152 | Gas Booster Package

GB-H-152 Gas Booster Package General Specifications	
Dimensions	50 cm (20 in.) H x 57 (22.5 in.) W x 30 (12 in.) D
Weight	44.4 kg (98 lb)
Drive air pressure supply	
Range	0.15 to 1 MPa (20 to 150 psi)
Flow	425 to 2 125 slm (15 to 75 scfm)
Test gas pressure supply	
Range	4.8 to 40 MPa (700 to 6 000 psi)
Flow	140 to 560 slm (5 to 20 scfm)
Output pressure	
GB-H-152-70M	0.70 to 100 MPa (400 to 15 000 psi)
GB-H-152-100M	0.35 to 120 MPa (200 to 17 400 psi)
Operating media	air, helium, nitrogen
Pressure Connections	
Drive Air Supply	1/4 in. NPT female
Shop Drive out	1/4 in. Swage
Test Gas Pressure Supply	1/8 in. NPT female
High Pressure Out	DH500F (DH500 is a gland and collar type fitting for 1/4 in. (6.35 mm) coned and left hand threaded tube. DH500 is equivalent to AE F250C, HIP HF4, etc.)
Nominal Gas Booster Piston Ratio	152:1
High Pressure Accumulator Volume	150 cc (9.2 in.3)

Ordering information

**GB-H-152-70M**

Gas Booster Package that provides pressure up to 15,000 psi(100 MPa) to supply PPCH-G-70M

GB-H-152-100M

Gas Booster Package that provides pressure up 18,000 psi (120 MPa) to supply PPCH-G-100M

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