

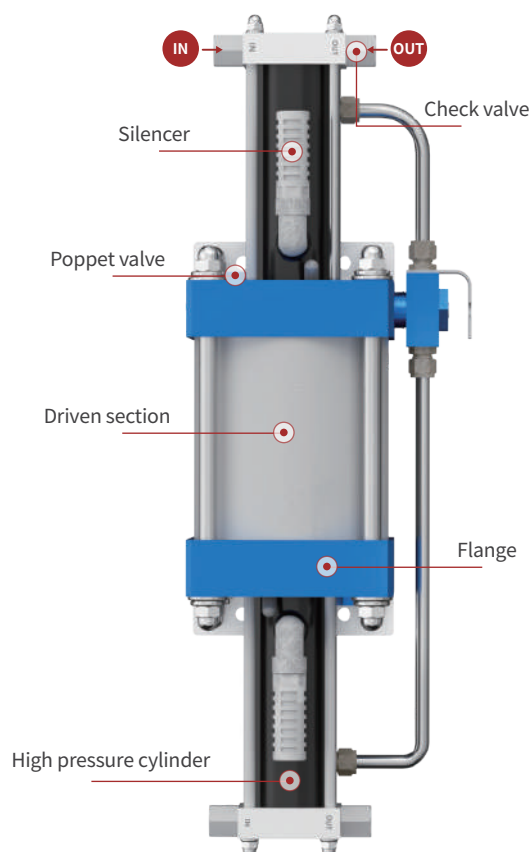
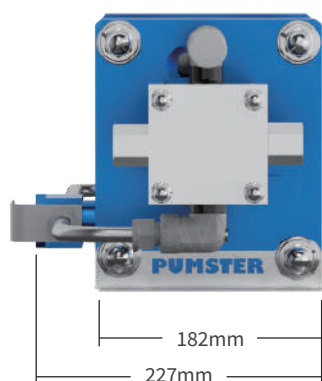
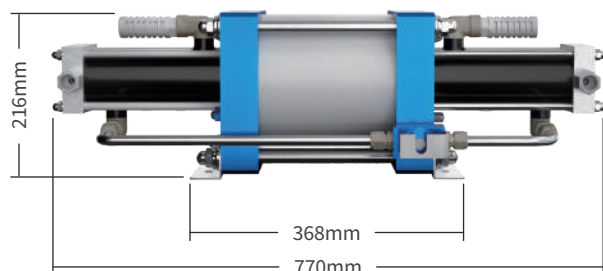


(160Φ) GB-DS-7 SERIES

Double stage & Single driven

Gas Booster GB-DS(160Φ) is a **special model**.
It consists of **double stage and single driven part**.
(compression ratio: 1 : 7 [Driven part 160Φ])

GB-DS-7(160Φ) SPECIFICATION



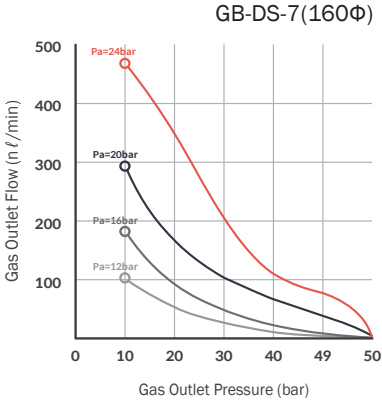
※ Please contact sales staff if you need further assistance.

Model	DS-7 (160Φ)
Ratio	1 : 7
Air Drive Pressure (kg / cm ²)	5 ~ 10
Max. Pressure (kg / cm ²)	49
Min.Suction Pressure (kg / cm ²)	4
Connections (inlet / outlet)	1/2" PT / 1/2" PT
Weight (kg)	21

※ M.P(kg/cm²) = Ratio * Air Drive Pressure(kg/cm²) ※ M.P is calculated with 7 bar(standardized air pressure).

※ Weight is approximate value.

GB-DS-7(160Φ) PERFORMANCE CURVES



Theoretical charging time formula

Reservoir tank x atm = TAL
 TAL / (Flow rate/sec) = total charging time

* Outlet pressure (Pb) = IPI
 (Outlet Pressure = Compression ratio · Air drive)

Precautions

- There are lots of variables when increasing pressure under high pressure.
- Driven part: driven air pressure, flow rate
- High pressure part: inflow gas pressure, feed rate
- Actual flow rate will be different depending on utility.

GB-DS-7(160Φ) OVERVIEW

