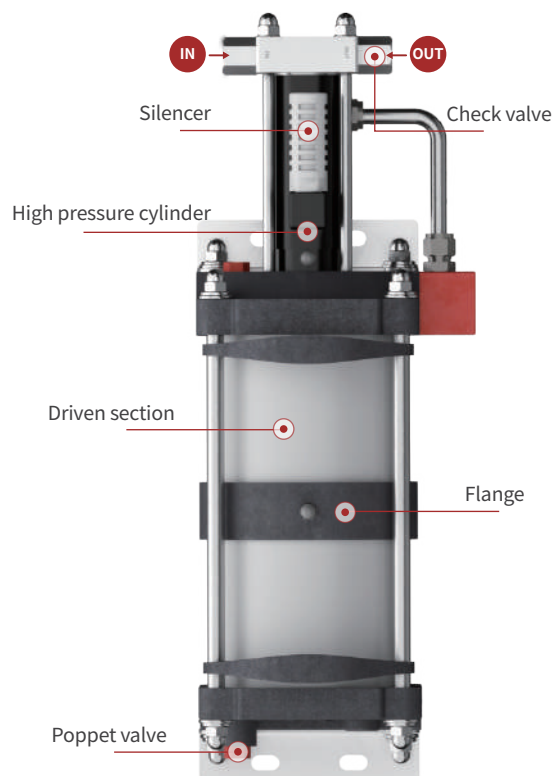
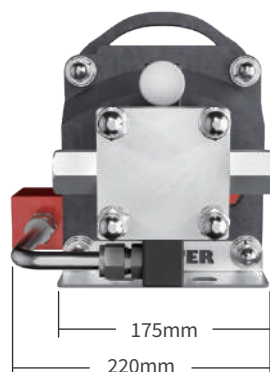
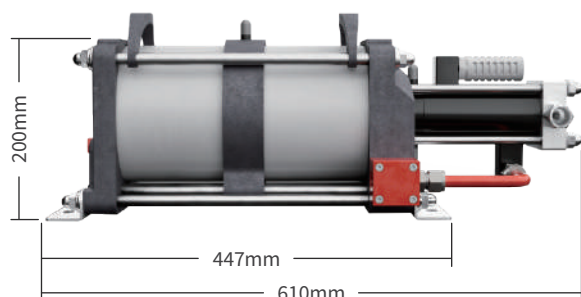


GB-SD SERIES

Single stage & Double driven

Gas Booster GB-SD consists of single stage and double driven part.
There are **3 types depending on compression ratio.**
(compression ratio: 1 : 60 / 100 / 150)

GB-SD SPECIFICATION



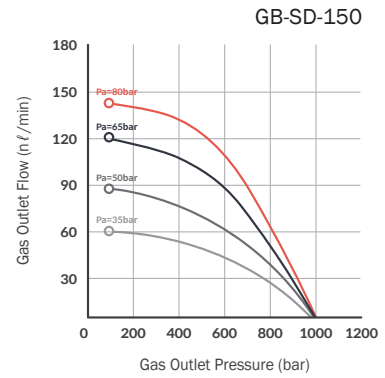
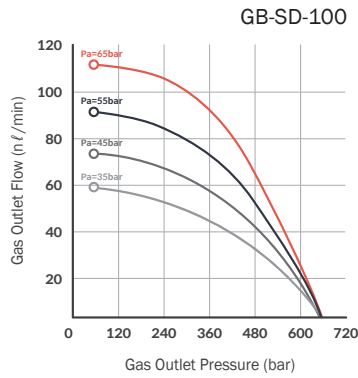
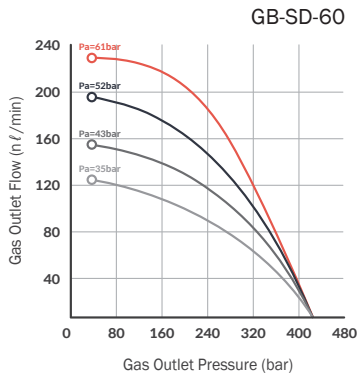
※ Please contact sales staff if you need further assistance.

Model	SD - 60	SD - 100	SD - 150
Ratio	1 : 60	1 : 100	1 : 150
Air Drive Pressure (kg / cm ²)	5 ~ 10		
Max. Pressure (kg / cm ²)	420	700	1,050
Min.Suction Pressure (kg / cm ²)	28	31	35
Connections (inlet / outlet)	9/16" 18 UNF / 9/16" 18 UNF		
Weight (kg)	20	20	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-SD 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-SD OVERVIEW

P_A Suction gas
P_B Discharging gas
P_L Air drive

