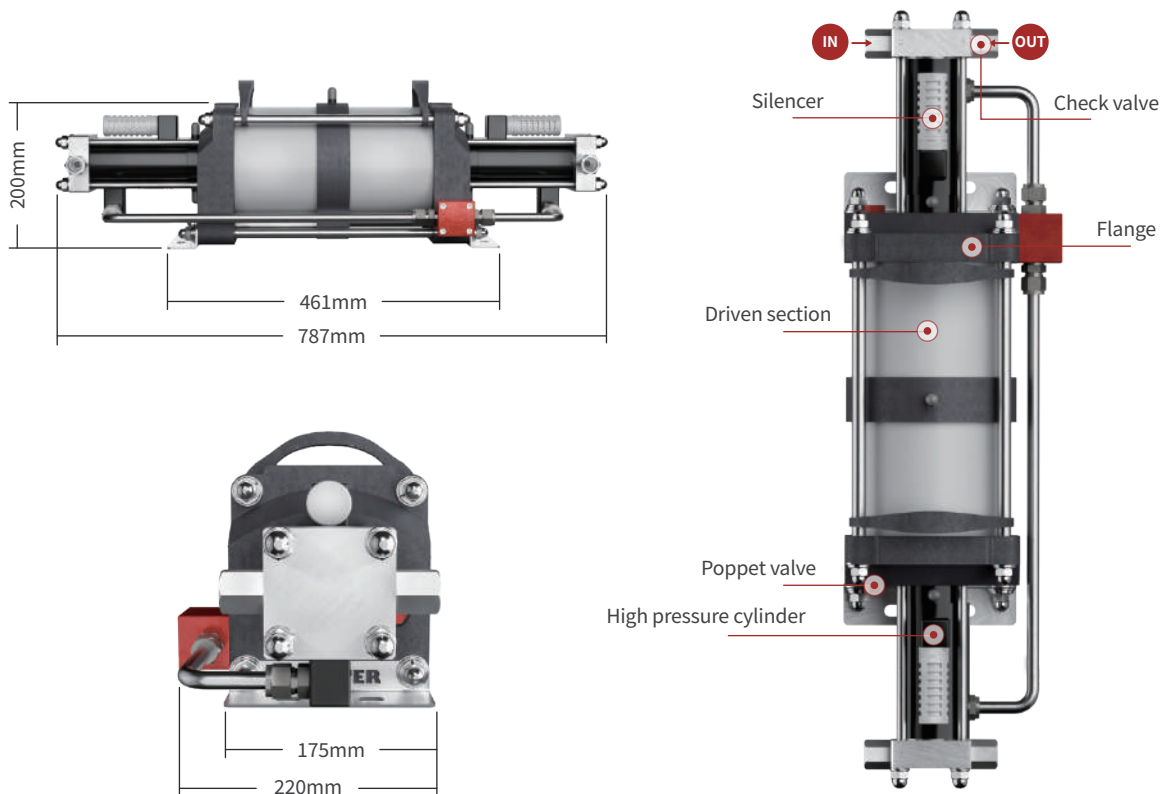


GB-DD SERIES

Double stage & Double driven

Gas Booster GB-DD consists of double stage and double driven part.
There are **5 types depending on compression ratio.**
(compression ratio: 1 : 14 / 28 / 60 / 100 / 150)

GB-DD SPECIFICATION



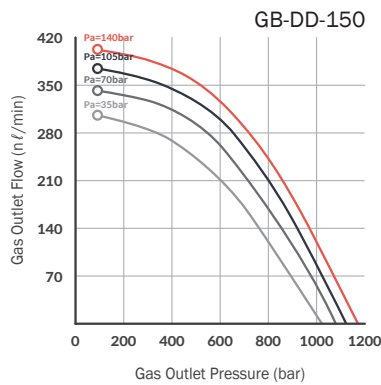
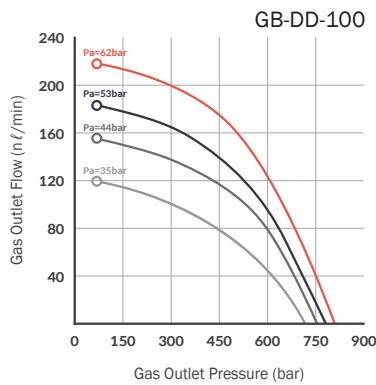
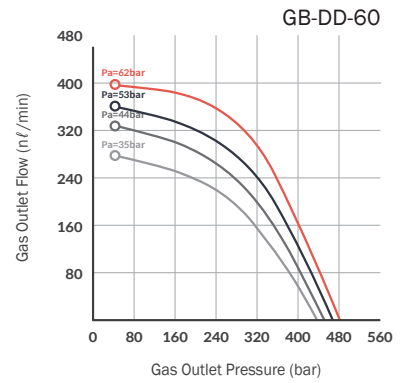
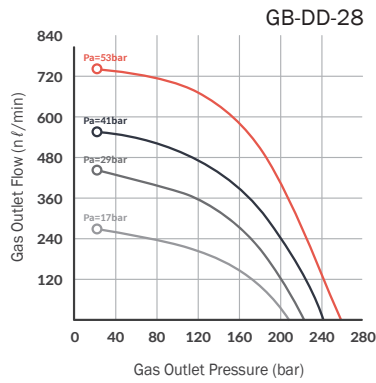
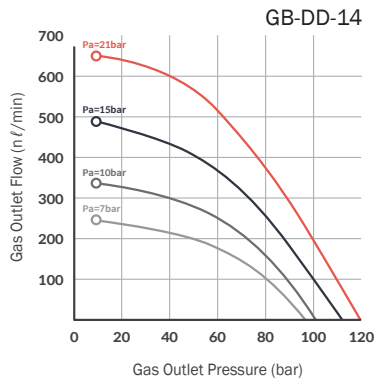
※ Please contact sales staff if you need further assistance.

Model	DD - 14	DD - 28	DD - 60	DD - 100	DD - 150
Ratio	1 : 14	1 : 28	1 : 60	1 : 100	1 : 150
Air Drive Pressure (kg / cm ²)	5 ~ 10				
Max. Pressure (kg / cm ²)	98	196	420	700	1,050
Min.Suction Pressure (kg / cm ²)	7	13	28	31	35
Connections (inlet / outlet)	1/2" PT / 1/2" PT		9/16" 18 UNF / 9/16" 18 UNF		
Weight (kg)	23	23	24	25	25

※ 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-DD 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-DD OVERVIEW

P_A Suction gas

P_B Discharging gas

P_L Air drive

