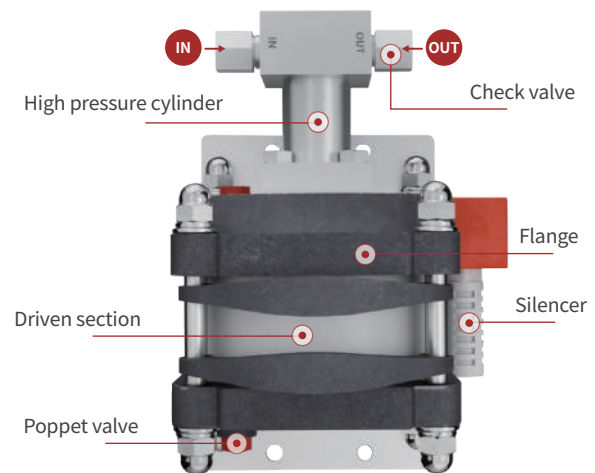
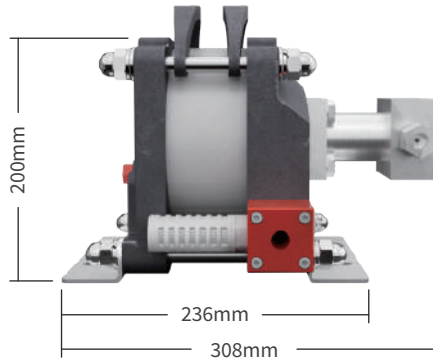


LSS SERIES

Single stage & Single driven

Liquid Pump LSS consists of single stage and single driven part.
There are **5 types depending on compression ratio.**
(compression ratio: 1 : 50 / 80 / 150 / 220 / 350)

LSS SPECIFICATION



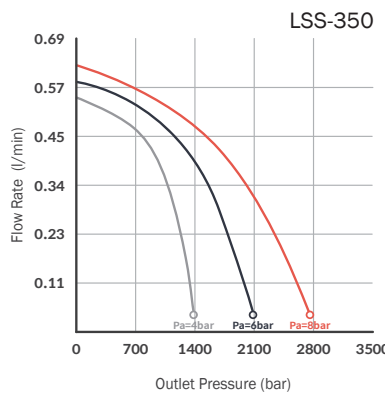
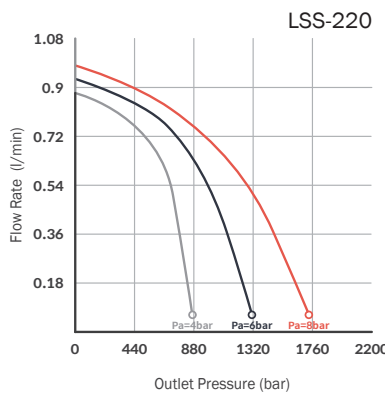
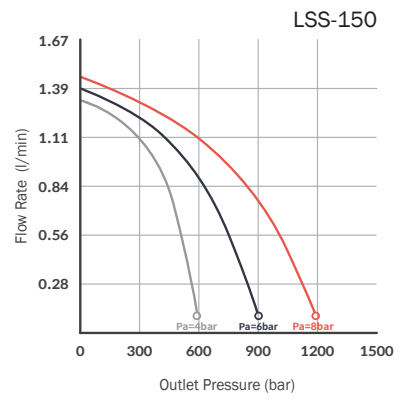
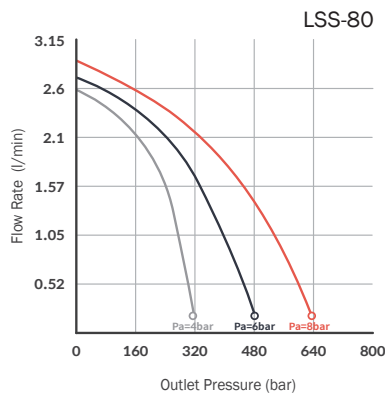
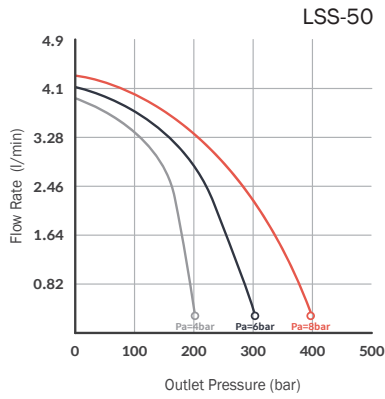
※ Please contact sales staff if you need further assistance.

Model	LSS - 50	LSS - 80	LSS - 150	LSS - 220	LSS - 350
Ratio	1 : 50	1 : 80	1 : 150	1 : 220	1 : 350
Air Drive Pressure (kg / cm ²)	5 ~ 10				
Max. Pressure (kg / cm ²)	350	560	1,050	1,540	2,450
Connections (Inlet / outlet)	1/2" PT / 1/2" PT		1/2" PT / 9/16" 18 UNF		
Weight (kg)	12				

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

※ Weight is approximate value.

LSS PERFORMANCE CURVES



Theoretical charging time formula

Reservoir tank x atm = TAL

TAL / (Flow rate/sec) = total charging time

* Outlet pressure (Pb) = I·PI

(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 liquid pressure, feed rate
- Actual flow rate will be different depending on utility.

LSS OVERVIEW

- P_A** Suction liquid
- P_B** Discharging liquid
- P_L** Air drive

