

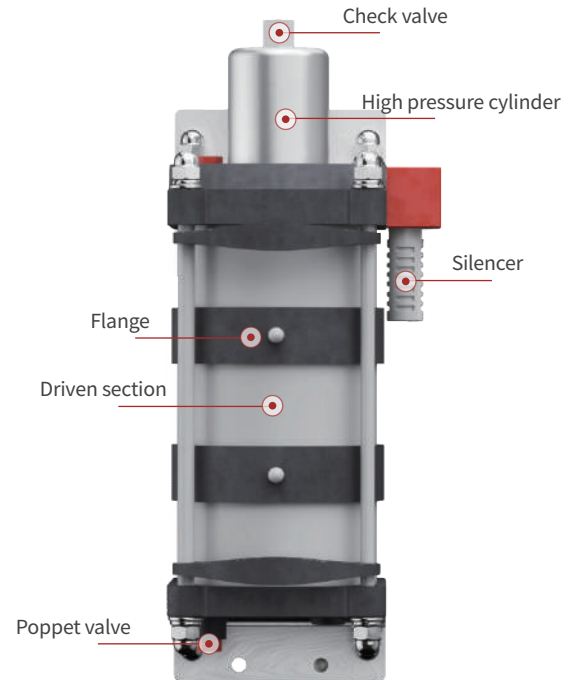
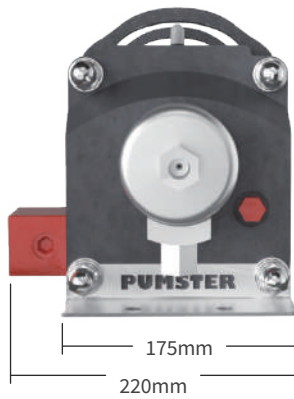
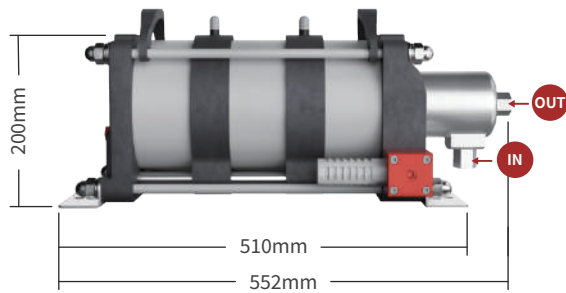


LST SERIES

Single stage & Triple driven

Liquid Pump LST consists of single stage and triple driven parts.
There is **1 type according to compression ratio.**
(compression ratio: 1 : 1050)

LST SPECIFICATION



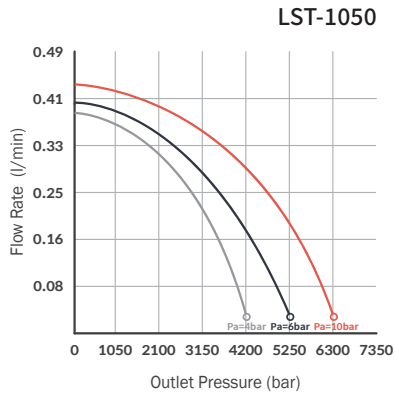
※ Please contact sales staff if you need further assistance.

Model	LST - 1050
Ratio	1 : 1,050
Air Drive Pressure (kg / cm²)	5 ~ 10
Max. Pressure (kg / cm²)	7,350
Connections (Inlet / outlet)	1/2" PT / 9/16" 18 UNF
Weight (kg)	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.

LST 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.

LST OVERVIEW

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

