

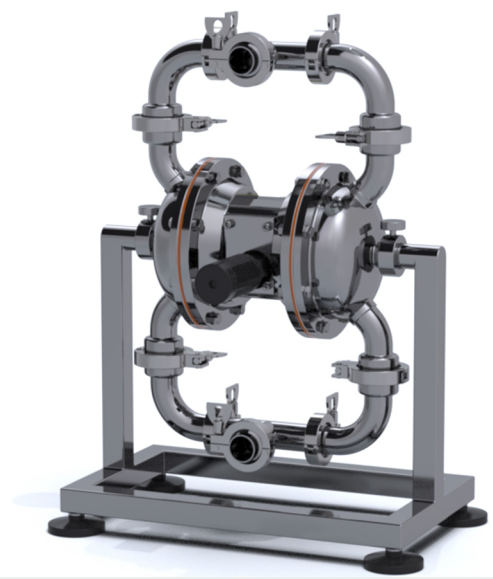
Ran[®] 1" (25.4 mm)

Food Grade Diaphragm Pump

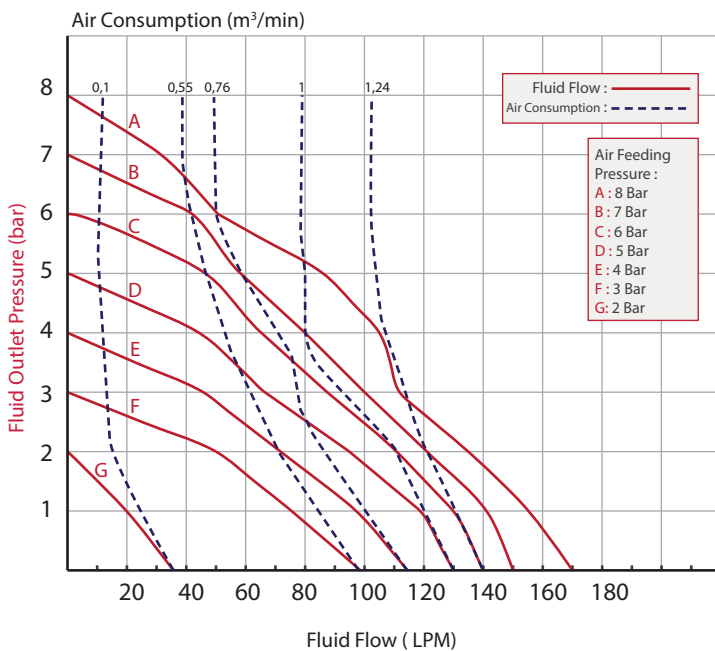
Technical Specifications

Pump Code	D25FG-S1
Max. Flow Rate	170 lpm
Max. Pump Speed	280 cpm
Displacement per cycle	0.61 liter
Fluid Inlet- Outlet Size	1" NPT
Air Inlet Size	3/8"
Max. Fluid Working Pressure	8 bar
Max. Air Consumption (at 5 bar)	1 m ³ /min
Ratio	1:1

Pump Housing Material	316 Stainless Steel (Sheet Metal)
Center Section Material	Aluminum (Nickel Plated)
Max. Size Pumpable Solids	3 mm
Max. Suction Lift	9.5 m (Wet) 5 m (Dry)
Max. Operating Temperature	104 °C
Sound Level	75 dBA (at 5 bar)
Diaphragm Material	PTFE
Check-Valve Material	PTFE
Weight	24 kg



Performance Curves



Made in Turkey



(EC) No 1935/2004

Test Conditions: All tests are made with water. Suction hose submerged in the fluid. Muffler not used. All the values are shown are approximate and not binding.

Example: To pump 80 lpm against a discharge pressure of 4 bar, requires 7 bar and 1 m³/min air consumption.

Dimensions

A	624
B	462
C	114
D	484
E	270
F	300

All dimensions are in mm.

