

# Ran<sup>®</sup> 1" (25.4 mm)

## Sanitary Diaphragm Pump

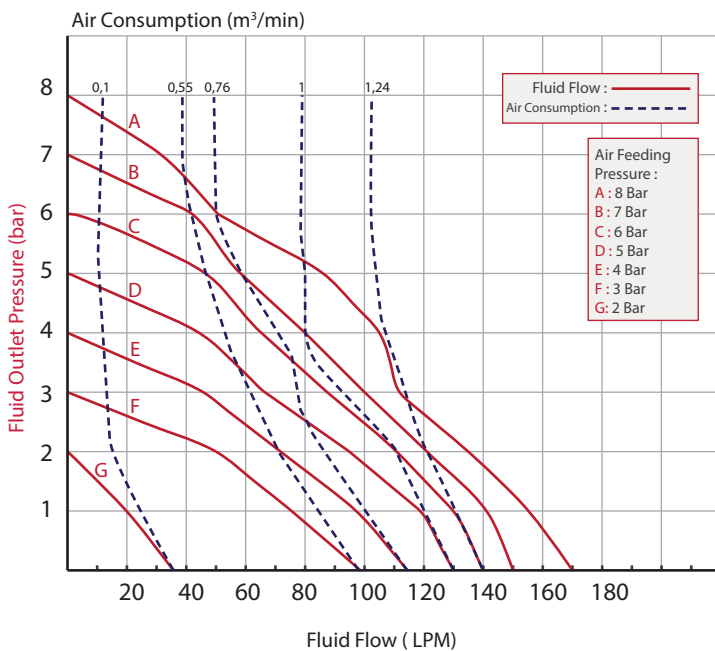


### Technical Specifications

Pump Code	D25-S1
Max. Flow Rate	170 lpm
Max. Pump Speed	280 cpm
Displacement per cycle	0.61 liter
Fluid Inlet- Outlet Size	1"
Air Inlet Size	3/8"
Max. Fluid Working Pressure	8 bar
Max. Air Consumption (at 5 bar)	1 m <sup>3</sup> /min
Ratio	1:1

Pump Housing Material	316 Stainless Steel (Sheet Metal)
Center Section Material	Polypropylene
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	14 kg

### Performance Curves



**Made in Turkey**



**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 m<sup>3</sup>/min air consumption.

### Dimensions

A	328
B	466
C	390.5
D	210
E	272
F	128
G	8.5

All dimensions are in mm.

