

Aluminium Body Diaphragm Pump

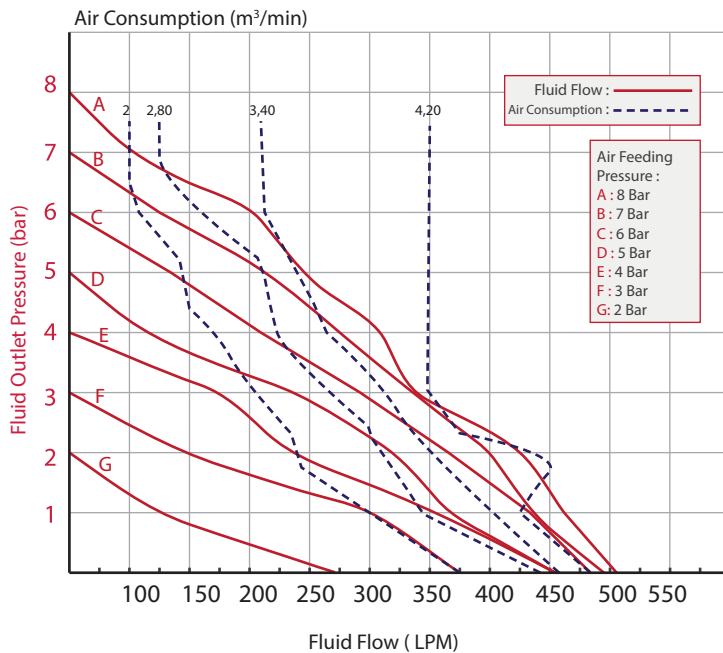


Technical Specifications

Pump Code	F50-A1-3
Max. Flow Rate	505 lpm
Max. Pump Speed	145 cpm
Displacement per cycle	3.48 liter
Fluid Inlet- Outlet Size	2" NPT
Air Inlet Size	1/2"
Max. Fluid Working Pressure	8 bar
Max. Air Consumption (at 5 bar)	3.40 m ³ /min
Ratio	1:1

Pump Housing Material	Aluminium
Center Section Material	Polypropylene
Max. Size Pumpable Solids	6.2 mm
Max. Suction Lift	9.5 m (Wet) 6 m (Dry)
Max. Operating Temperature	104 °C
Sound Level	82 dBa (at 5 bar)
Diaphragm Material	PTFE
Check-Valve Material	Acetal
Weight	31.2 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 245 lpm against a discharge pressure of 2 bar, requires 4 bar and 2 m³/min air consumption.

Dimensions

A	499
B	622
C	520
D	322.5
E	375
F	192
G	12

All dimensions are in mm.

