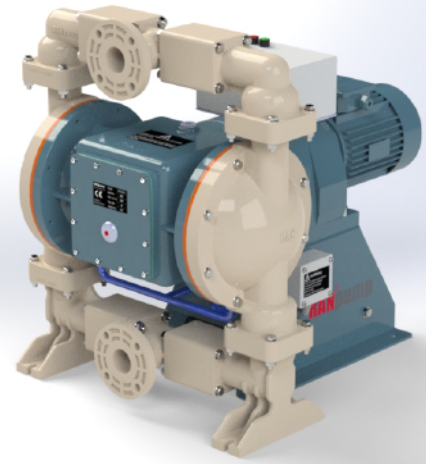


# 2" PVDF Body Electromechanical Diaphragm Pump

RAN F50E-PV1



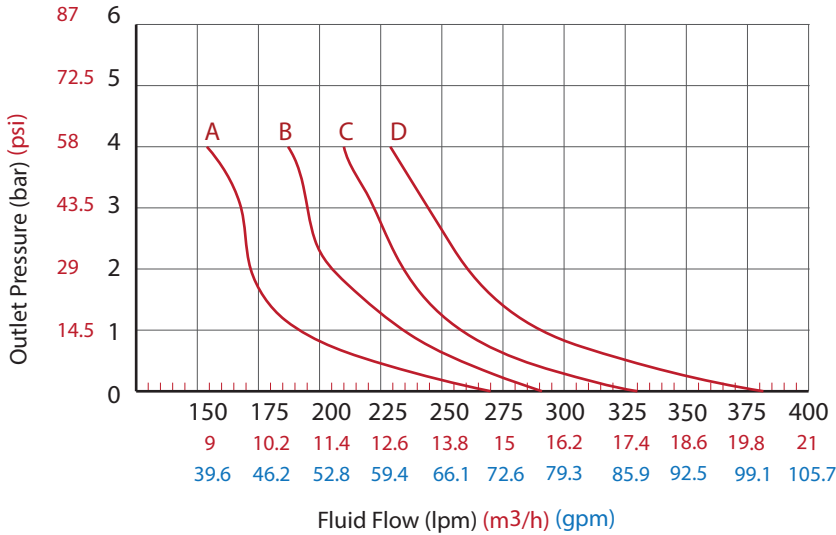
**MADE IN TURKEY**

## Technical Specifications

Max. Flow Rate (continuous operation)	270 lpm
Max. Pump Speed	76 cpm
Fluid per cycle	3.55 liter
Fluid Inlet- Outlet Size	2"
Electrical Feeding Voltage	380v, 50 Hz, 3 Phase
Max. Electrical Consumption	3 kW
Max. Fluid Operating Pressure	4 (0.4 Mpa, 58 Psi)
Motor Type	Standard IP55 Level
Motor Speed	1400 rpm
Gearbox Type	Helical Gear Type

Pump Housing Material	PVDF
Center Section Material	Aluminium
Diaphragms & Checkvalves	PTFE
Max. Size Pumpable Solids	6.2 mm
Max. Suction Lift	5 m
Max. Operating Temperature	105 °C
Sound Level (at 4 bar)	74 dBa
Diaphragm Rupture Sensor	Fitted.
Pressure Level Protection Sensor	Fitted.
Weight	170 kg

## Performance Curve



- A 1500 rpm / 50Hz (Continuous Operation)
- B 1800 rpm / 60 Hz
- C 2100 rpm / 70 Hz
- D 2400 rpm / 80 Hz

**Test Conditions:** All tests are made with using water and Santoprene diaphragm. Suction hose submerged in the fluid. All the values are shown are approximate and not binding.

## Dimensions (mm)

