

# 2" Stainless Steel Body Electromechanical Diaphragm Pump

RAN F50E-SC1

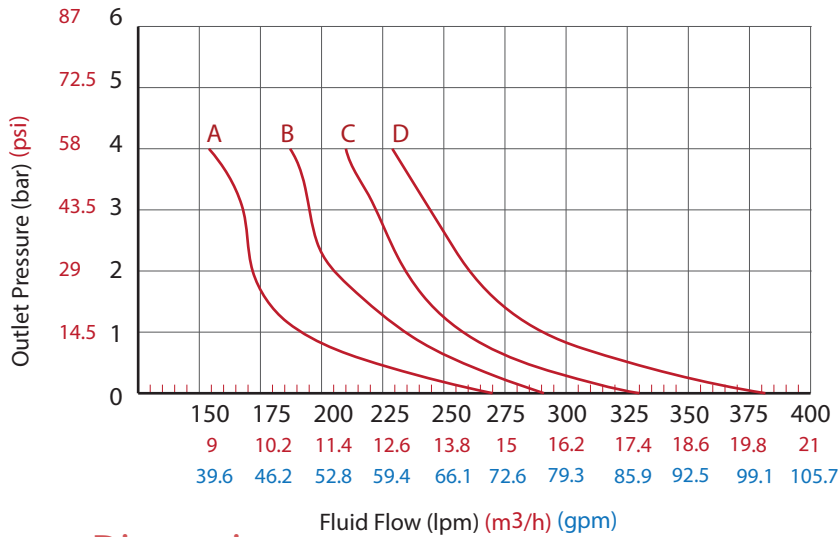


**MADE IN TURKEY**

## Technical Specifications

Max. Flow Rate (contiuous operation)	270 lpm	Pump Housing Material	Stainless Steel (Cast)
Max. Pump Speed	76 cpm	Center Section Material	Aluminium
Fluid per cycle	3.55 liter	Diaphragms & Checkvalves	PTFE
Fluid Inlet- Outlet Size	2"	Max. Size Pumpable Solids	6.2 mm
Electrical Feeding Voltage	380v, 50 Hz, 3 Phase	Max. Suction Lift	5 m
Max. Electrical Consumption	3 kW	Max. Opreating Tempreture	104.4 °C
Max. Fluid Operating Pressure	4 (0.4 Mpa, 58 Psi)	Sound Level (at 4 bar)	74 dBA
Motor Type	Standard IP55 Level	Diaphragm Rupture Sensor	Fitted.
Motor Speed	1400 rpm	Pressure Level Protection Sensor	Fitted.
Gearbox Type	Helical Gear Type	Weight	220 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

