

## Ran<sup>®</sup> 2" (50.8 mm)

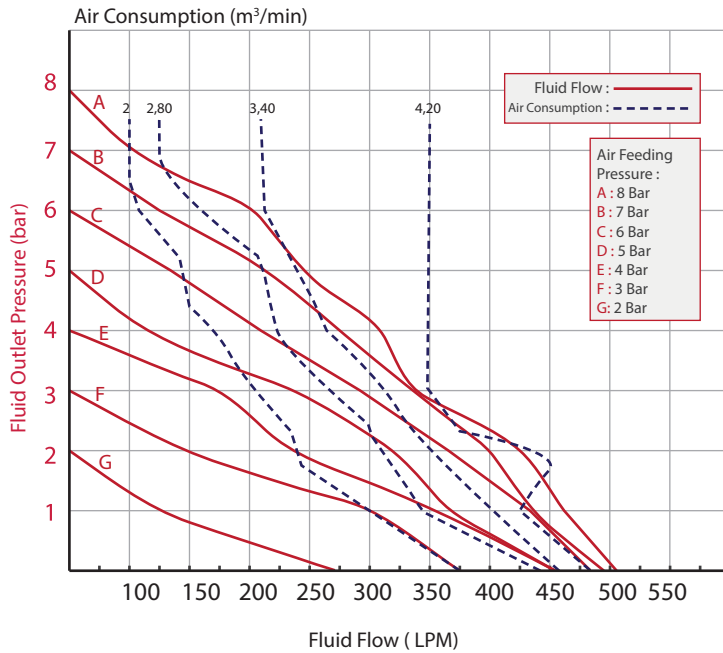
Conductive Polypropylene Body  
Diaphragm Pump



### Technical Specifications

Pump Code	EXF50-P1-3	Pump Housing Material	Conductive Polypropylene
Max. Flow Rate	505 lpm	Center Section Material	Conductive Polypropylene
Max. Pump Speed	145 cpm	Max. Size Pumpable Solids	6.2 mm
Displacement per cycle	3.48 liter	Max. Suction Lift	9.5 m (Wet) 6 m (Dry)
Fluid Inlet- Outlet Size	2" ANSI Flange	Max. Operating Temperature	80 °C
Air Inlet Size	1/2"	Sound Level	82 dBa (at 5 bar)
Max. Fluid Working Pressure	8 bar	Diaphragm Material	PTFE
Max. Air Consumption (at 5 bar)	3.4 m <sup>3</sup> /min	Check-Valve Material	PTFE
Ratio	1:1	Weight	30 kg

### Performance Curves



**ATEX II 2gd IIb t135**

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

### Dimensions

A	475
B	780
C	152
D	16
E	595
F	317
G	344
H	210
I	14

