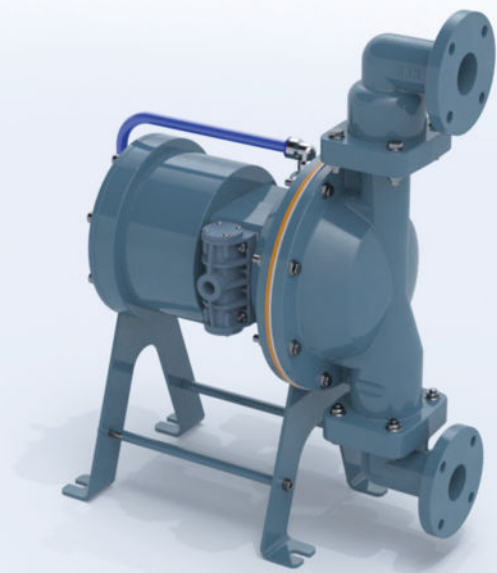


## Ran<sup>®</sup> 2" (50.8 mm)

Cast Iron Body High Pressure  
Diaphragm Pump

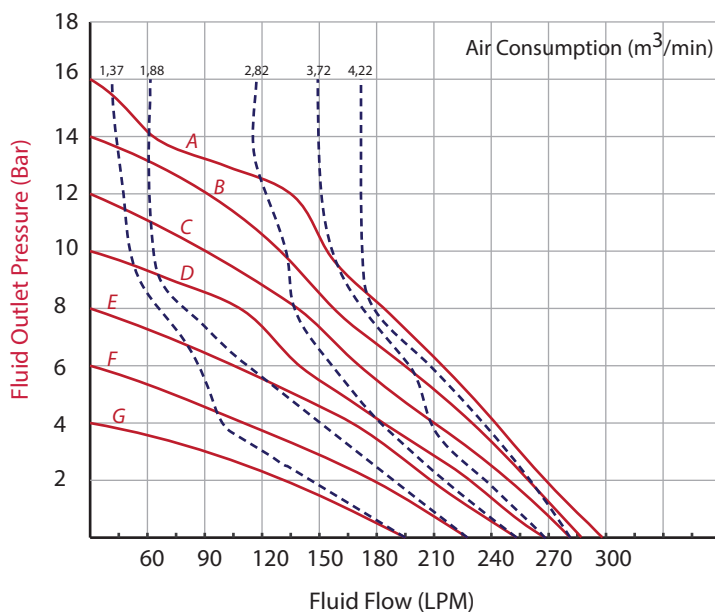


### Technical Specifications

Pump Code	HF50-CX-2
Max. Flow Rate	295 lpm
Max. Pump Speed	145 cpm
Displacement per cycle	2.03 liter
Fluid Inlet- Outlet Size	2"
Air Inlet Size	1/2"
Max. Fluid Working Pressure	16 bar
Air Consumption	3,72 m <sup>3</sup> /min

Pump Housing Material	Cast Iron
Max. Size Pumpable Solids	6.2 mm
Max. Suction Lift	5 m
Max. Operating Temperature	105 °C
Sound Level	78 dBA (at 5 bar)
Diaphragm Material	Neoprene / Hytrel
Check-valve Material	Acetal
Weight	62 kg

### Performance Curves



### Made in Turkey

**Test Conditions:** All tests are made with using water and Santoprene diaphragm. Suction hose submerged in the fluid. Muffler not used. If using PTFE diaphragm, capacity decreases by 10%. All the values are shown are approximate and not binding.

**Example:** To pump 196 lpm against a discharge pressure of 6 bar, requires 7 bar and 3,72 m<sup>3</sup>/min air consumption.

Air Pressure :	
A	8 bar
B	7 bar
C	6 bar
D	5 bar
E	4 bar
F	3 bar
G	2 bar

Fluid Flow:	— (solid red line)
Air Consumption:	- - - (dashed blue line)

### Dimensions

A	538
B	713
C	561
D	152
E	16
F	318
G	749
H	352
I	228
J	14

