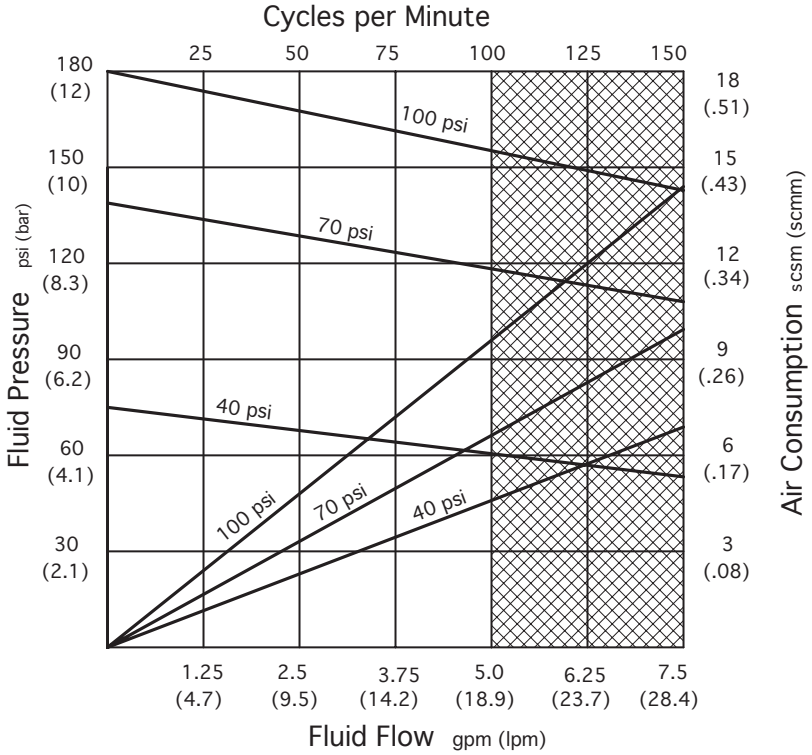
OP232C
Air Operated Fluid Pump

Divorced Design

Technical Specifications

Fluid Ratio.....2:1
Maximum Output Flow (intermittent).....7.5 gpm (28.4 lpm)
Maximum Output Flow (continuous).....5.0 gpm (18.9 lpm)
Maximum Output Pressure.....360 psi (24.8 bar)
Maximum Air Input Pressure.....180 psi (12.4 bar)
Air Inlet Port.....1/4 npt(f)
Fluid Outlet Port.....3/4 npt(f)
Rod & Piston Packings.....UHMU PE or Teflon®
Other Seals.....Viton®
Rod & Cylinder.....Stainless Steel
Other Wetted Parts.....Stainless Steel
Weight.....24 lbs. (11.8 Kg.)
Package Dimensions & Weight:
OP232C...6"x6"x58"(152mm x 152mm x 147cm) 26 lbs. (11.8 Kg.)
OP242A...6"x6"x50"(152mm x 152mm x 127cm) 26 lbs. (11.8 Kg.)

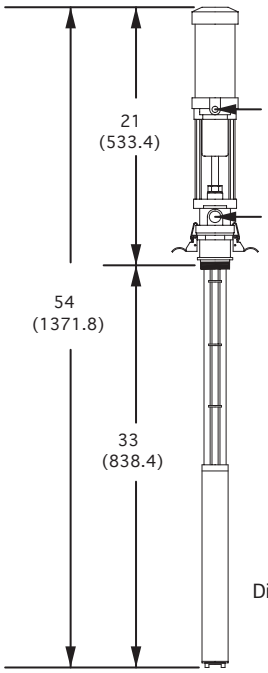
Performance



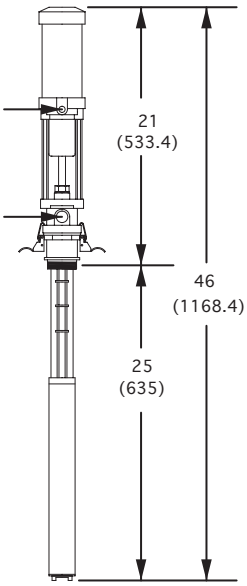
Model Numbers

Bare Pump Model Number: # OP232C, OP242A, OP242CD
Bung Adapter: #OP233A*
*One supplied with pump. Additional adapters can be used in new material drums for minimal inturruption of operation during drum change-over. Adapters have internal seal to allow nitrogen charge or prevent moisture contamination. Toggle clamps provide quick slip-out/slip-in pump changes.

OP232C Dimensions

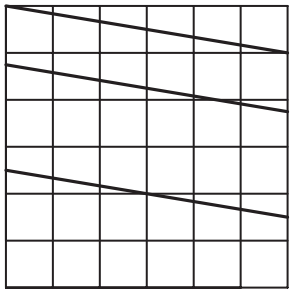


OP242A Dimensions

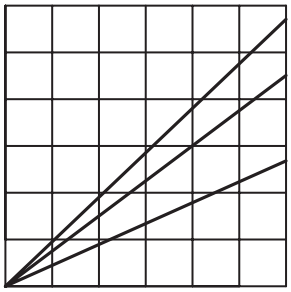


Dimensions are:
inches
(millimeters)

How to Read Performance



Pressure/Flow
1. Locate required flow along bottom edge of chart.
2. Follow vertically to bold line for input air pressure.
3. Follow horizontally to left edge of chart to read maximum available fluid pressure.

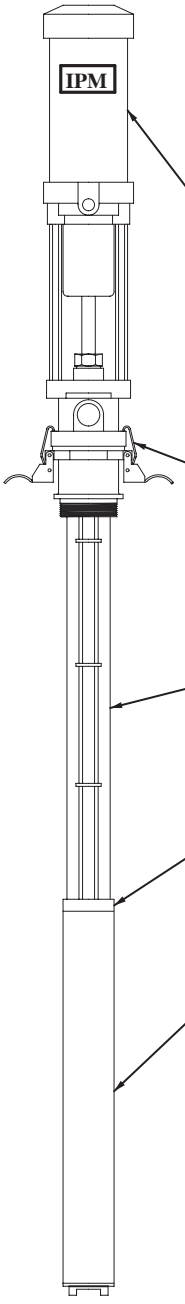


Air Consumption
1. Locate fluid flow along bottom edge of chart.
2. Follow vertically to bold line for input air pressure.
3. Follow horizontally to right edge of chart to read air consumption.

200 Series
OP232C
Air Operated Fluid Pump

Divorced Design

IPM's OP232C is designed specifically for difficult to handle materials. The immersed lower pump, tie-tubes, and quick release bung bushing allow quick drum change without exposing the system to contamination and moisture.



- Stainless steel construction for corrosion resistance
- Teflon® packings and Viton ® seals for material compatibility. UHMW PE seals available.

Minimal directional change for faster reversing of the pump pistons. Large air motor and lower assembly provides up to 7/gpm (26.5 lpm) of flow.

Quick release bung bushing allows fast slip in/slip-out drum change. No need to disconnect hoses and rotate pump. Sealed design provides moisture barrier.

"Tie-Tube" design allows above-the-drum fluid outlet with immersed lower pump.

Full length wet cup prevents material from hardening on rod stroke area while changing drums. Extends seal life.

Immersed lower pump assembly maintains wetted rod and seal area, preventing material from hardening. Extends rod and seal life.

Typical Fluids Handled

- Isocyanates
- Polyureas
- Polyols
- Enamels
- Waterbornes
- Acid Catylized Finishes

Typical Applications

- SPF Insulation
- Aerospace
- Wood Furniture
- Automotive
- Transportation
- Sporting Goods

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