

FMP70

PeriFlo® FMP Series

FMP70: Direct connect. Reliable. Performance.

With their **roller design**, commercial gear drives and cartridge-style rotor bearings, FMP pumps are perfect for high-volume applications. Like all Pulsafeeder peristaltic pumps, the FMP70 is ideally suited for water and wastewater treatment, petrochemical and mining industries — including slurries, sludge, reagents, chemicals, and polymers.



Applications

Metering, batching, transfer and sampling



Flow

to 131 gpm (495 lpm)



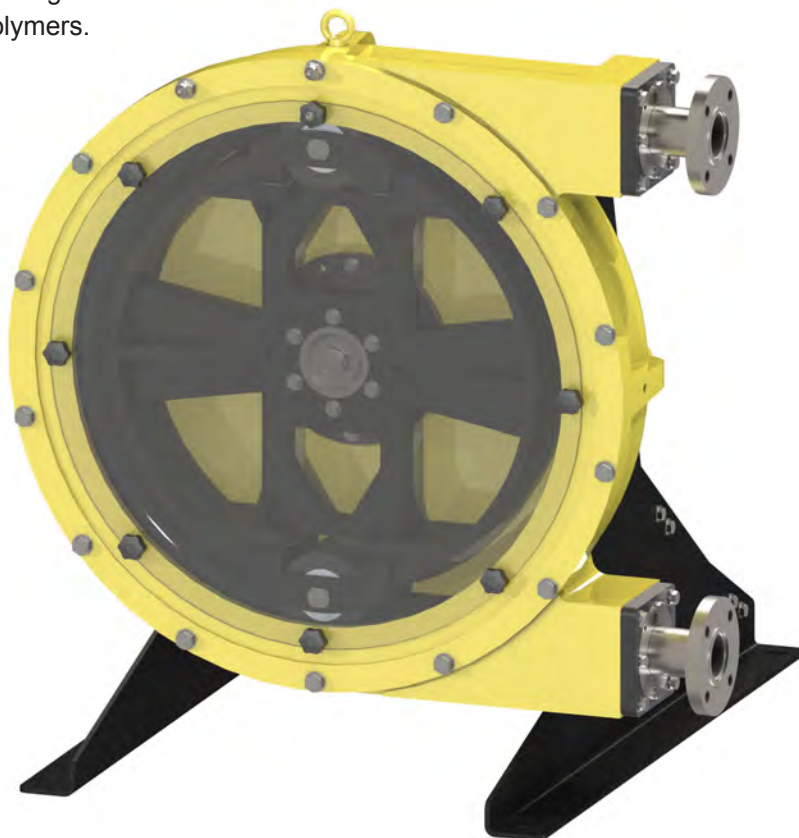
Pressure

to 115 psi (7.9 bar)



Temperature

Product to 176° F (80° C)
Ambient to 104° F (40° C)



Peristaltic pumps deliver more than you expect

Simple operating design

The simple design of a **PeriFlo®** pump results in a pump that is valveless and sealless (creating a gentle pumping action), has reversible rotation, high suction lift, higher solids content handling ability and easy maintenance.

Variety of Media

Thanks to its gentle pumping action, a peristaltic pump can handle a variety of media where other technologies are unsuccessful, including chemicals, slurries, viscous, abrasive or shear sensitive media such as polymers.

Pump Longer

The simple design means there are no valves to change and no seals to replace. The hose or tube element is the common wear part and is easy to replace. This means **less** down-time, **less** spare parts inventory and **more** pumping.

Specifications

Max capacity	1.584 gal/rev
Max flow rate	131 gpm (495 lpm)
Connections	2.5" ANSI Flange, 150#
Compressor	Rollers
Max hose pressure	115 psi (7.9 bar)

Features & Benefits

- Sealless and Valveless
- Close coupled
- Sealed bearing housing
- Abrasion resistant
- Dry-run capable
- Self priming to 27 ft.
- Reversible rotation
- Easy maintenance

Materials of Construction

Hose: Natural rubber, Buna, EPDM

Connections: ANSI Flange, 150#

Standard: Stainless steel

Optional: Halar® coated

Casing: Epoxy painted cast steel

Rotor: Epoxy painted steel

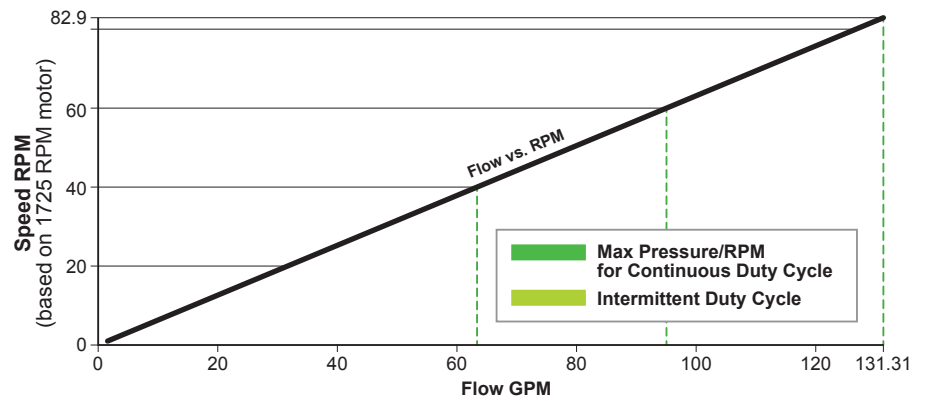
Rollers: Black oxide steel

Hardware: Stainless steel

Drives & Accessories

- Variable speed controls with industry standard I/O's
- Tube/Hose leak detection
- Pulsation dampeners
- Suction accumulators
- Pressure relief valves

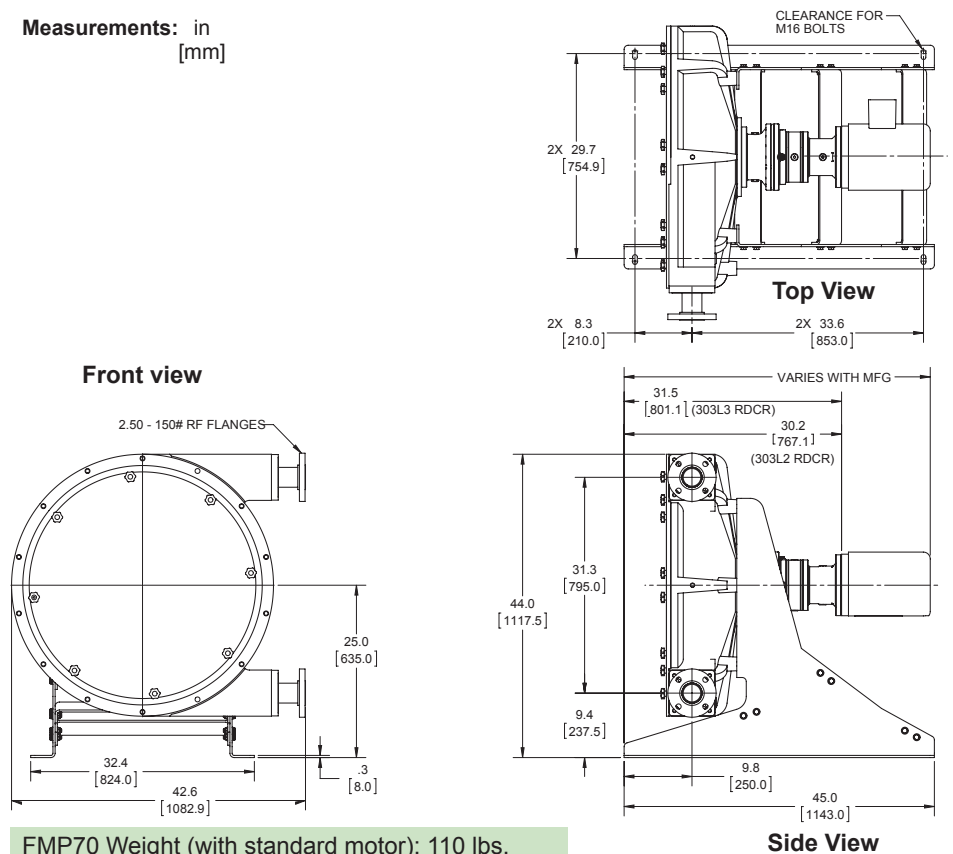
Performance



Note: Continuous Duty = run time greater than 2 hours
Intermittent Duty = run time less than 2 hours with a 1 hour rest period between run times

Dimensions

Measurements: in [mm]



FMP70 Weight (with standard motor): 110 lbs.



Spec Pulsafeeder.
Get more than you expect.

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