AMP22   PeriFlo® AMP Series

AMP22 — a real workhorse of a general-purpose pump.
Like all Pulsafeeder peristaltic pumps, the AMP22 is ideally suited for water and wastewater treatment, petrochemical and mining industries — including polymers and slurries.

Applications
Metering, batching, transfer and sampling
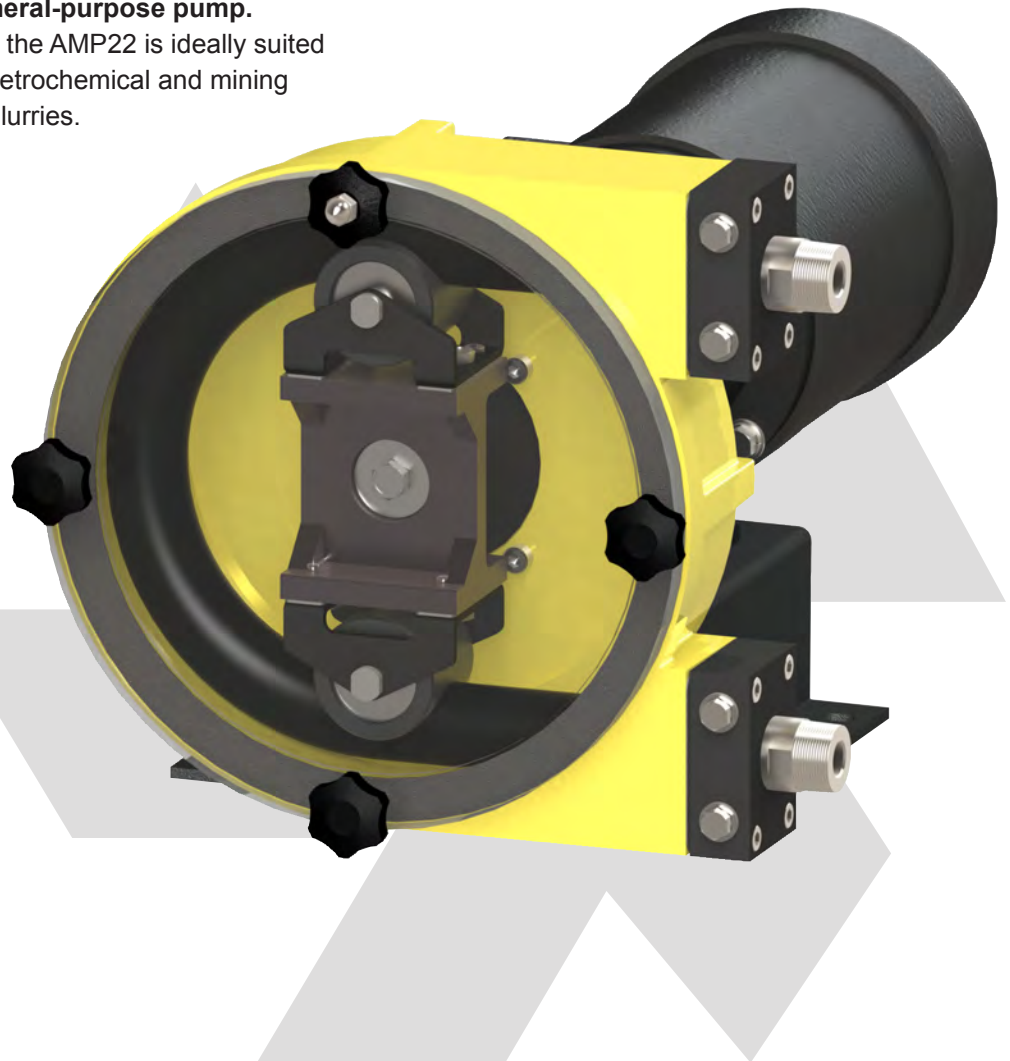
Flow
to 276 gph (1044 lph)

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 handing 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.

PeriFlo® AMP22

Specifications

Max capacity	0.0549 gal/rev
Max flow rate	276 gph (1044 lph)
Connections	1" MNPT, 1" Camlock
Compressor	Rollers
Max tube pressure	30 psi (2 bar)
Max hose pressure	115 psi (7.9 bar)

Features & Benefits

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

Materials of Construction

Hose: Natural rubber, Buna, EPDM
Tube: Norprene
Connections: Male NPT: PVC or stainless steel as standard; Optional: Male NPT PVDF or Camlock PVC
Casing: Powder coated aluminum
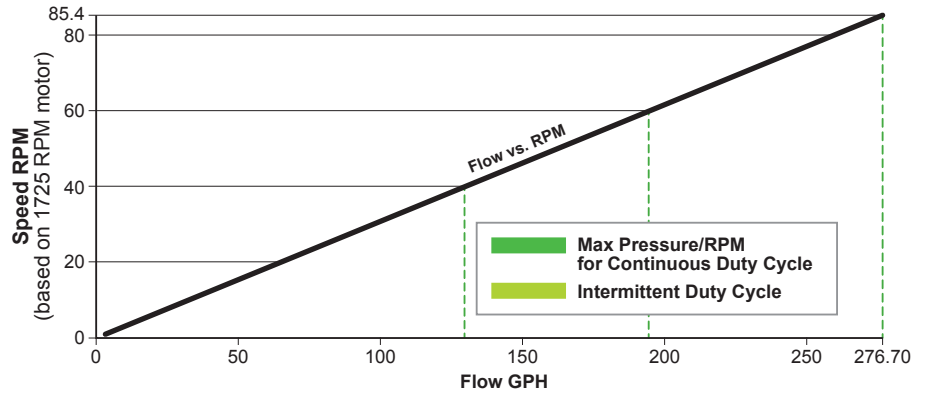**Rotor:** Black oxide steel
Rollers: Black oxide steel
Hardware: Stainless steel

Drives & Accessories

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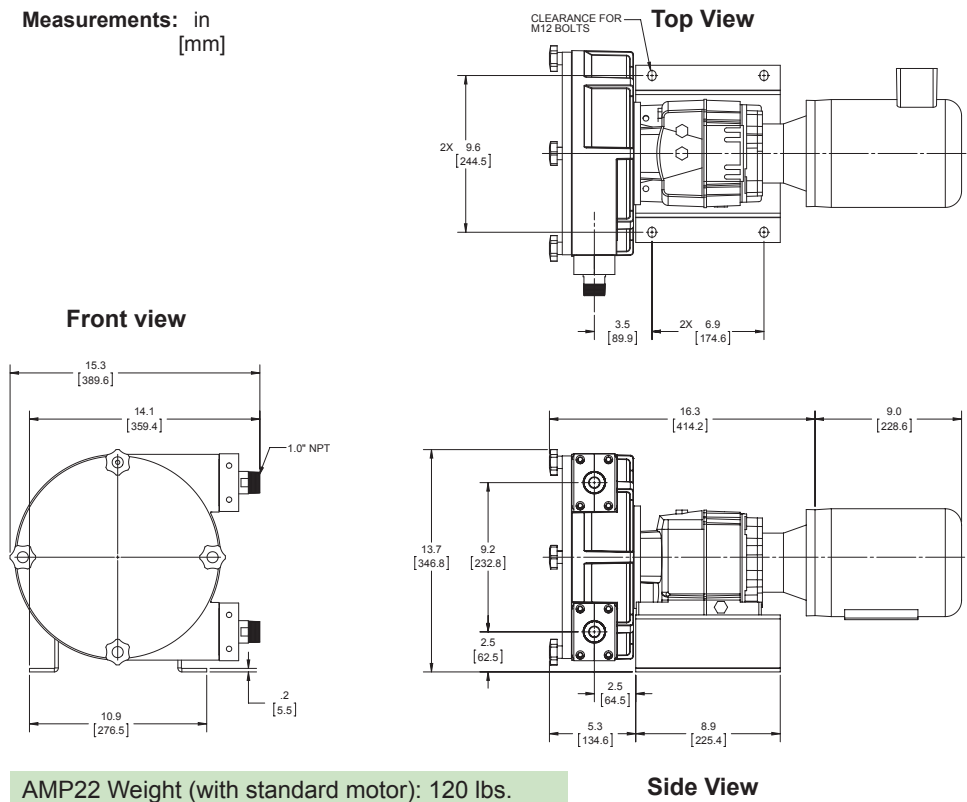- Suction accumulators
- Pressure relief valves

Performance

Flow vs. RPM

Max Pressure/RPM for Continuous Duty Cycle

Intermittent Duty Cycle

30 PSI / 85.4 RPM	
60 PSI / 64.6 RPM	60 PSI / 85.4 RPM
115 PSI / 45.3 RPM	115 PSI / 64.6 RPM

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]

Top View

CLEARANCE FOR M12 BOLTS

2X 9.6 [244.5]

3.5 [89.9]   2X 6.9 [174.6]

Front view

15.3 [389.6]

14.1 [359.4]

1.0" NPT

10.9 [276.5]

.2 [5.5]

16.3 [414.2]   9.0 [228.6]

13.7 [346.8]   9.2 [232.8]

2.5 [62.5]

2.5 [64.5]

5.3 [134.6]   8.9 [225.4]

Side View

AMP22 Weight (with standard motor): 120 lbs.

Spec Pulsafeeder.
Get more than you expect.

PFAMP22spec_Rev0314