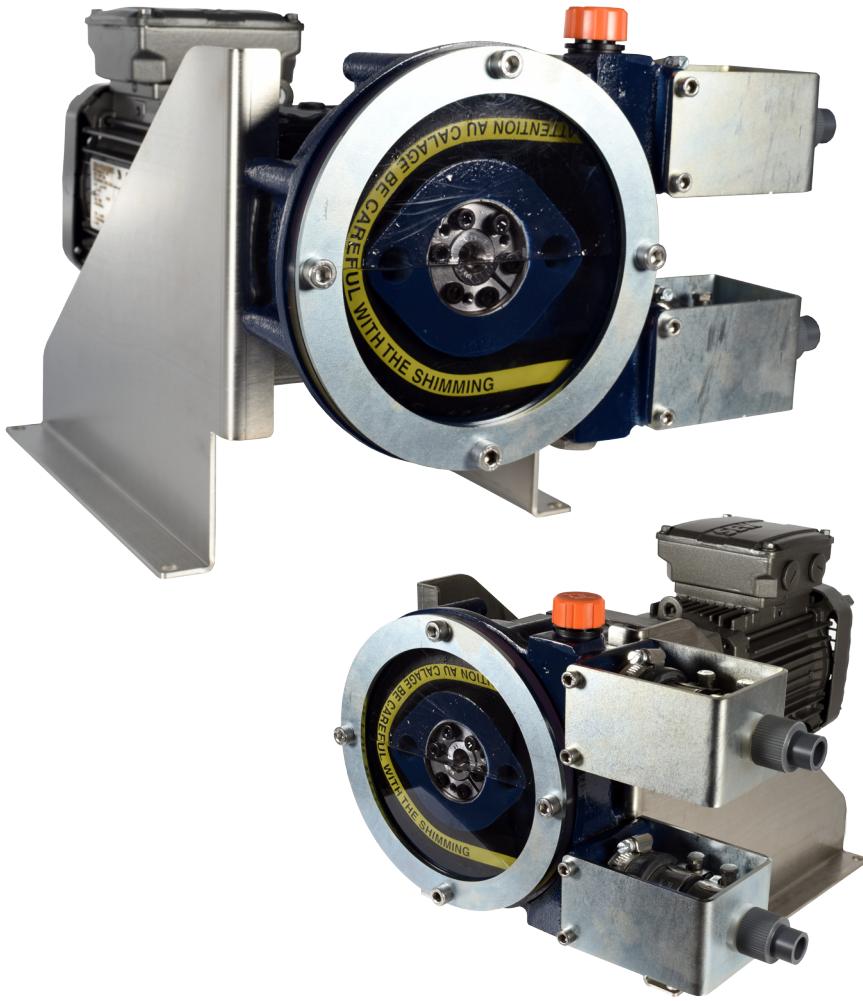


FS10 Series INDUSTRIAL HOSE PUMPS

Designed to meet the demanding requirements of chemical injection, dispensing and transfer applications.



The FS10 Series peristaltic pump is a lobe design on a rotating wheel successively compressing a reinforced rubber hose. The motion of the lobes compresses the rubber against the pump housing creating continuous suction at the inlet of the pump and pushing the fluid to the outlet of the pump.

The sealed pump casing contains a lubricant that reduces friction of the shoes moving over the rubber hose. The pumped fluid is in contact only with the interior of the rubber hose, thus permitting the pumping of a wide variety of reactive fluids.

SAFETY FIRST - Sealed Pumphead Design - Hose Rupture Detector

An optional hose rupture detector will automatically shut down the pump and signal an alarm in the event of a hose leak.

Together, the unique sealed pump design and the Hose Rupture Detector help to protect operators and other equipment from potentially dangerous fumes and chemicals.



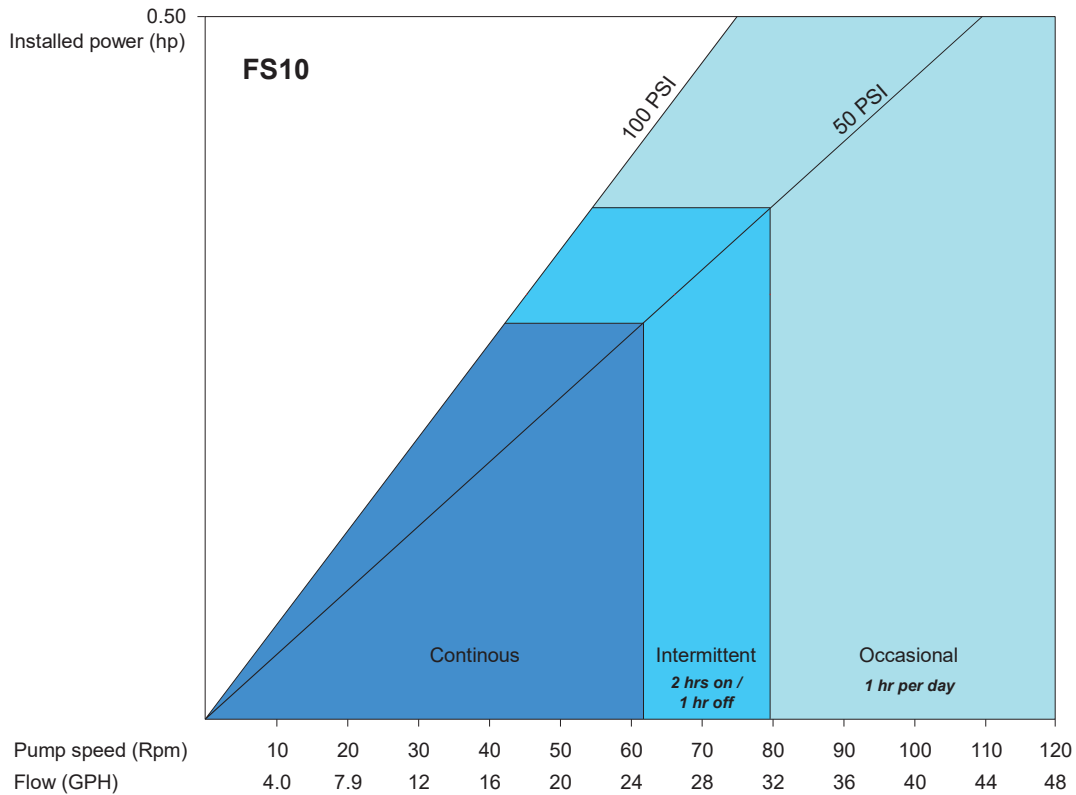
FS10 FEATURES

- Flows to 48 GPH, Pressures to 100 psi.
- Viscosities to 100,000 cps
- Seal-less pumping technology
- Self-priming suction lifts to 30ft vertical
- Compression fittings, 1/2" PVDF
- Glycerine filled pumphead for extended hose life
- No check valves - few moving parts
- Dry running without damage

PERISTALTIC HOSE PUMPS

FLOMOTION FS10 SERIES ENGINEERING SPECIFICATIONS

FLOMOTION FS10 SERIES PUMP PERFORMANCE



FS10 SPECIFICATIONS AND DIMENSIONS

in [mm]

GEARMOTOR

1/2HP, 230 VAC, 3-PH, TEFC,
INVERTER DUTY WITH
CORROSION RESISTANT
EPOXY COATED FINISH

PUMPHEAD

DUCTILE IRON AND PAINTED
WITH INDUSTRIAL GRADE
CORROSION RESISTANT PAINT

PUMP ROTOR

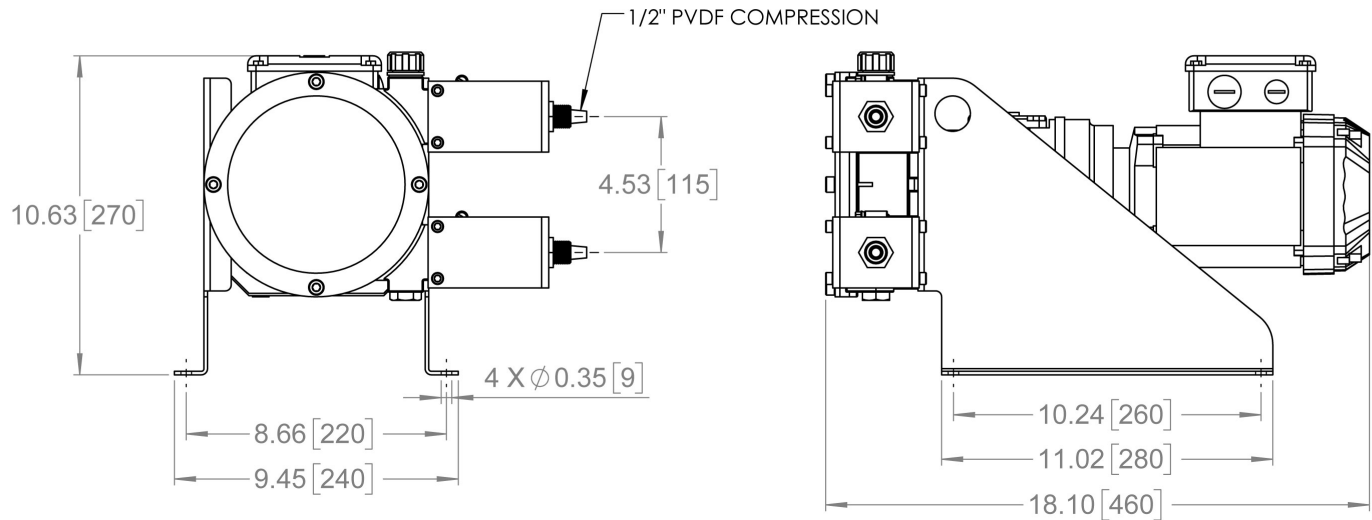
ASTM CLASS 45B CAST IRON
WITH TWO INTEGRALLY CAST
LOBES LOCATED 180° APART

PROCESS CONNECTIONS

1/2" PVDF COMPRESSION

HOSE MATERIAL

NATURAL RUBBER
EPDM
BUNA-N
HYPALON
VITON



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