

Specification Data

SPEC-30iPC 08/20/09

RAMPARTS®

Air Driven Diaphragm Pump

Model 30-iPC

Size 3" X 3"



PUMP DATA

Model: 30-iPC

Type: Air Driven, Single-Acting Simplex Diaphragm Pump

Liquid Suction/Discharge: 3-Inch ANSI Flanges

Maximum Air Inlet Pressure: 100 PSI (690 kPa)

Maximum Liquid Inlet Pressure: 10 PSI (69 kPa) *

Maximum Liquid Outlet Pressure: 100 PSI (690 kPa)

Maximum Solids Size: 1-1/8 Inch (28,5 mm)

Average Displacement per Pump Cycle: 3.8 Gal. (14,4 L)

* Consult Factory for Specific Guidelines

PUMP OPTIONS

Pulsation Stabilizers or Air Chambers; Diaphragm Failure Detection; Flap Check Valves (Handle Up to 1-1/2" [38,1 mm] Diameter Solids).

CONTROLS

In a standard installation, pump operation is controlled by adjusting the suction and discharge stroke of the pump through the pump's Air Distribution Valve Assembly; therefore separate controls are not required.

Custom-designed electrical control panels are available upon request.



RECOMMENDED PERFORMANCE RANGE

0-30 Strokes per Minute

0-80 GPM (0,0-4,4 Liters per Second)

20-150 Feet (6,1-45,7 Meters) Discharge Head

Maximum Suction Lift 20 Feet (6,1 Meters)

Consult the Performance Curve for Performance Maximums.

AVAILABLE MATERIALS **

"WETTED" CASTINGS LINED/UNLINED	ELASTOMERIC COMPONENTS			
	DIAPHRAGM	CHECK BALL	SEAT	GASKET
Ductile Iron	Neoprene®	Neoprene®	Neoprene®	Neoprene®
Ductile Iron/Neoprene®	Neoprene®	Neoprene®	Neoprene®	Neoprene®
Ductile Iron	Nitrile	Nitrile	Nitrile	Nitrile
Ductile Iron/Nitrile	Nitrile	Nitrile	Nitrile	Nitrile
Ductile Iron	Hypalon®	Hypalon®	Hypalon®	Hypalon®
Ductile Iron/Hypalon®	Hypalon®	Hypalon®	Hypalon®	Hypalon®
Ductile Iron	Nordel®	Nordel®	Nordel®	Nordel®
Ductile Iron/Nordel®	Nordel®	Nordel®	Nordel®	Nordel®

** Consult Factory for Custom or Special Construction Pump Assemblies.

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Specifications Subject to Change Without Notice

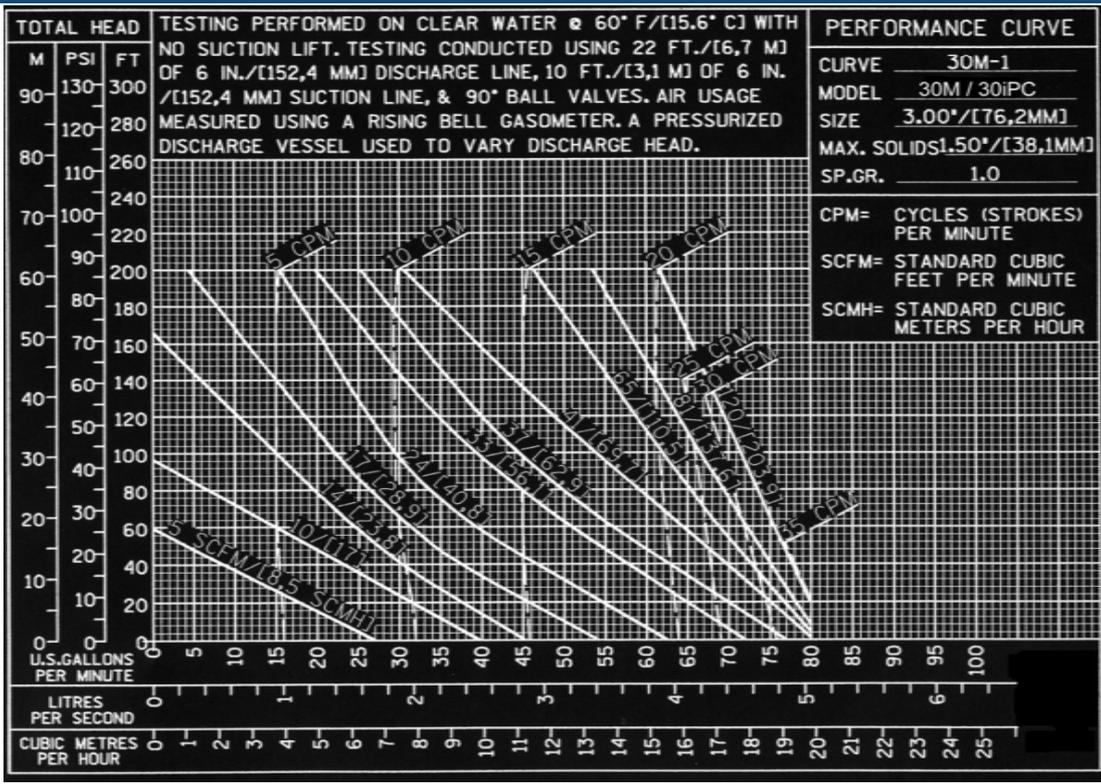
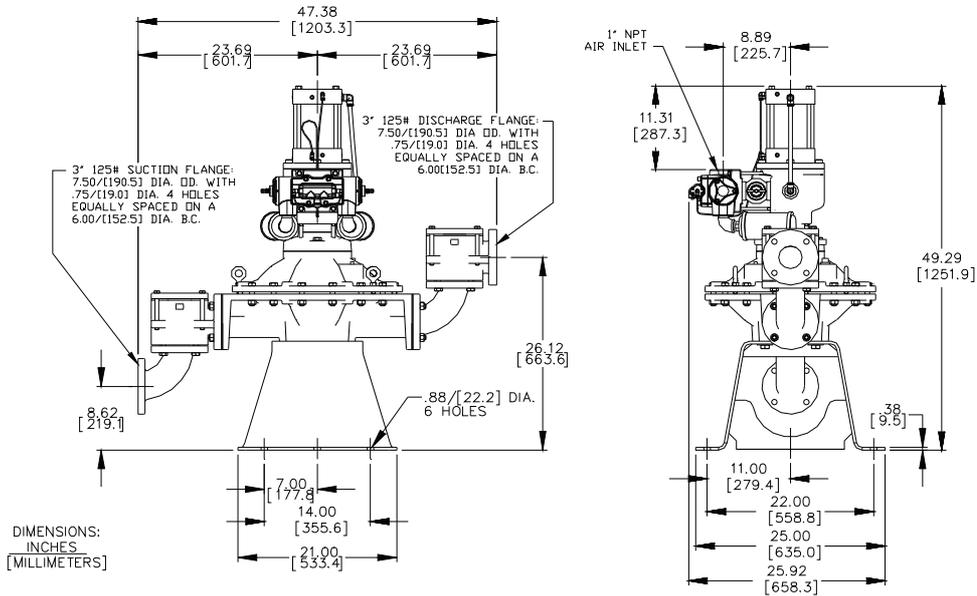


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APPROXIMATE DIMENSIONS and WEIGHTS

NET WEIGHT: 745 LBS. (338KG.)
 SHIPPING WEIGHT: 870 LBS. (395 KG.)
 EXPORT CRATE: 30.6 CU. FT. (0,87 CU. M.)

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