



An Ingersoll Rand Business



FLOMAX 5 Hydraulic

1-1/2" x 1-1/2" Self Priming Centrifugal Pump

The FLOMAX® 5 Hydraulic Self-Priming Centrifugal Pump is designed for superior performance and durability in challenging environments. It generates enough vacuum to lift liquids from depths of up to 25 feet (7.6 m), thanks to its integrated flapper valve that preserves a full liquid column in the suction line. This model accommodates various gerotor motor displacements, supporting hydraulic flow rates between 4 GPM (0.9 m³/h) and 11 GPM (2.5 m³/h), with operating pressures ranging from 700 PSI (48 bar) to 1950 PSI (134 bar).

Built with premium components—including stainless steel drive sleeves and fasteners, renewable wear plates, and a semi-open, dynamically balanced impeller—the FLOMAX® 5 ensures long-lasting reliability.

Optional upgrades such as double grease-lubricated seals and stainless steel impellers make it suitable for abrasive or corrosive applications. Its versatility makes it ideal for industrial, agricultural, and marine uses, including bilge systems, auxiliary fire pumps, ballast transfer, washdown operations, fertilizer and pesticide handling, sprayers, blending systems, nurse tanks, and bulk liquid transfer.

SPECIFICATIONS:

Suction / Discharge	1-1/2" x 1-1/2" NPT
Materials of Constructions	Aluminum, Bronze, Cast iron
Flow	Up to 175 GPM (39.7 m ³ /h)
Head Feet	Up to 230' (70 m)
Impeller	5.0" (127 mm) semi-open
Seal	Special seal material combinations available (consult factory), Standard carbon / ceramic / Viton
Drive Options	Hydraulic motor .22 cu. in. (3.6 cm ³) Hydraulic motor .37 cu. in. (6.1 cm ³) Hydraulic motor .45 cu. in. (7.4 cm ³)
Max Solid Size	.56" (14.2 mm) diameter
Hydraulic Fluid Flow	Up to 11 GPM (2.5 m ³ /h)
Hydraulic System Pressure	Up to 2550 PSI (176 bar)
Hydraulic Motor	Gerotor
PSI / bar	Up to 100 PSI / 6.9 bar

Features

- Renewable wear plate
- Stainless steel drive sleeve
- Stainless steel fasteners
- Up to a 25' (7.6 m) suction lift
- ABS Type Approved

Application

- Agricultural
- Industrial
- Marine



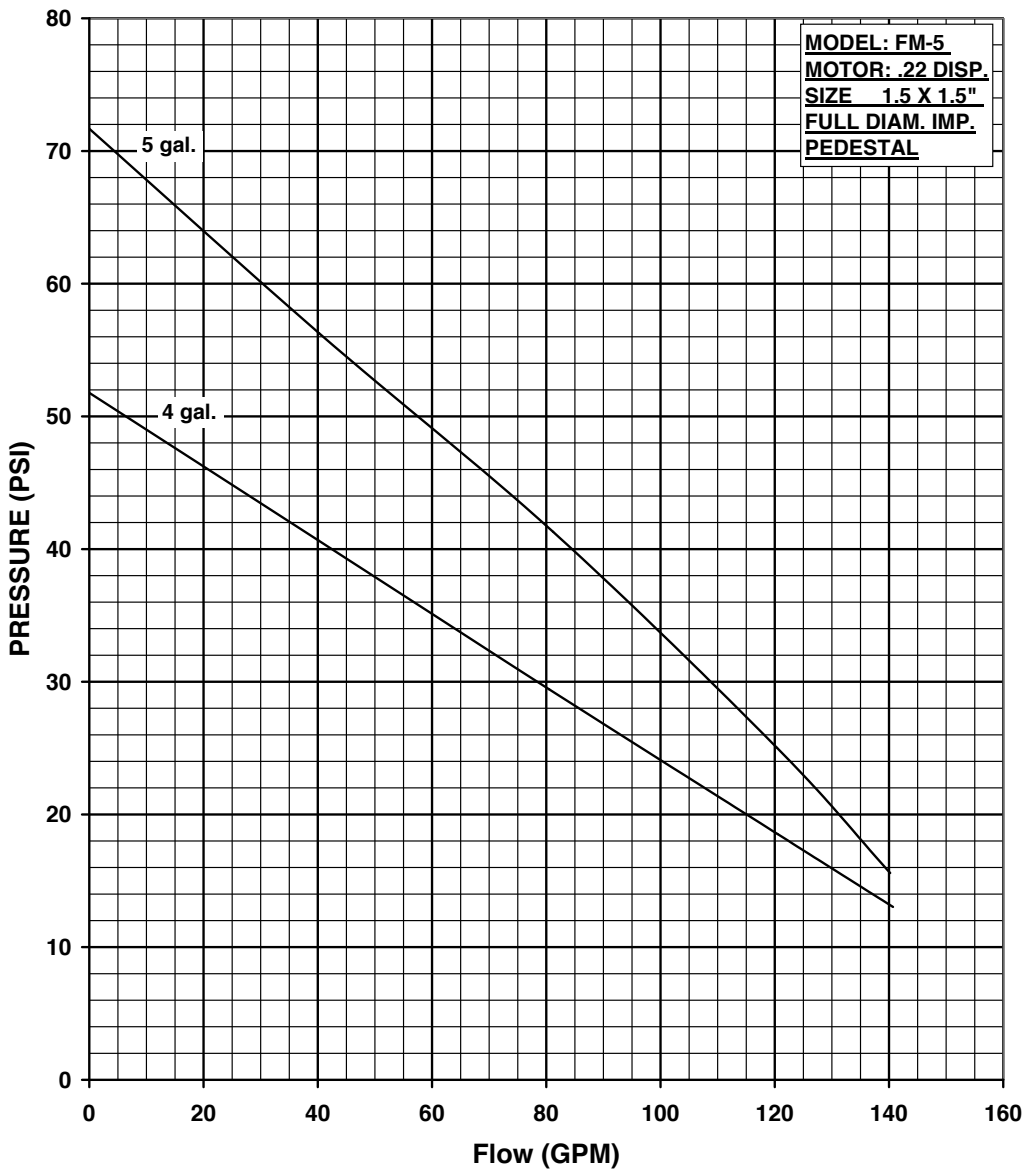
12500 South Pulaski Road
Alsip, IL 60803, USA
Phone (800) 563-8006



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PERFORMANCE CURVES



OIL FLOW	SHUT OFF	20	40	60	80	100	120	140	MAX. HYD. OIL PRESS REQ.
	0 GPM	GPM	GPM	GPM	GPM	GPM	GPM	GPM	
5 GPM	72 PSI	64 PSI	56 PSI	49 PSI	42 PSI	34 PSI	25 PSI	13 PSI	2550 PSI
4 GPM	52 PSI	46 PSI	41 PSI	35 PSI	29 PSI	24 PSI	18 PSI	13 PSI	2150 PSI

CN 7126-S



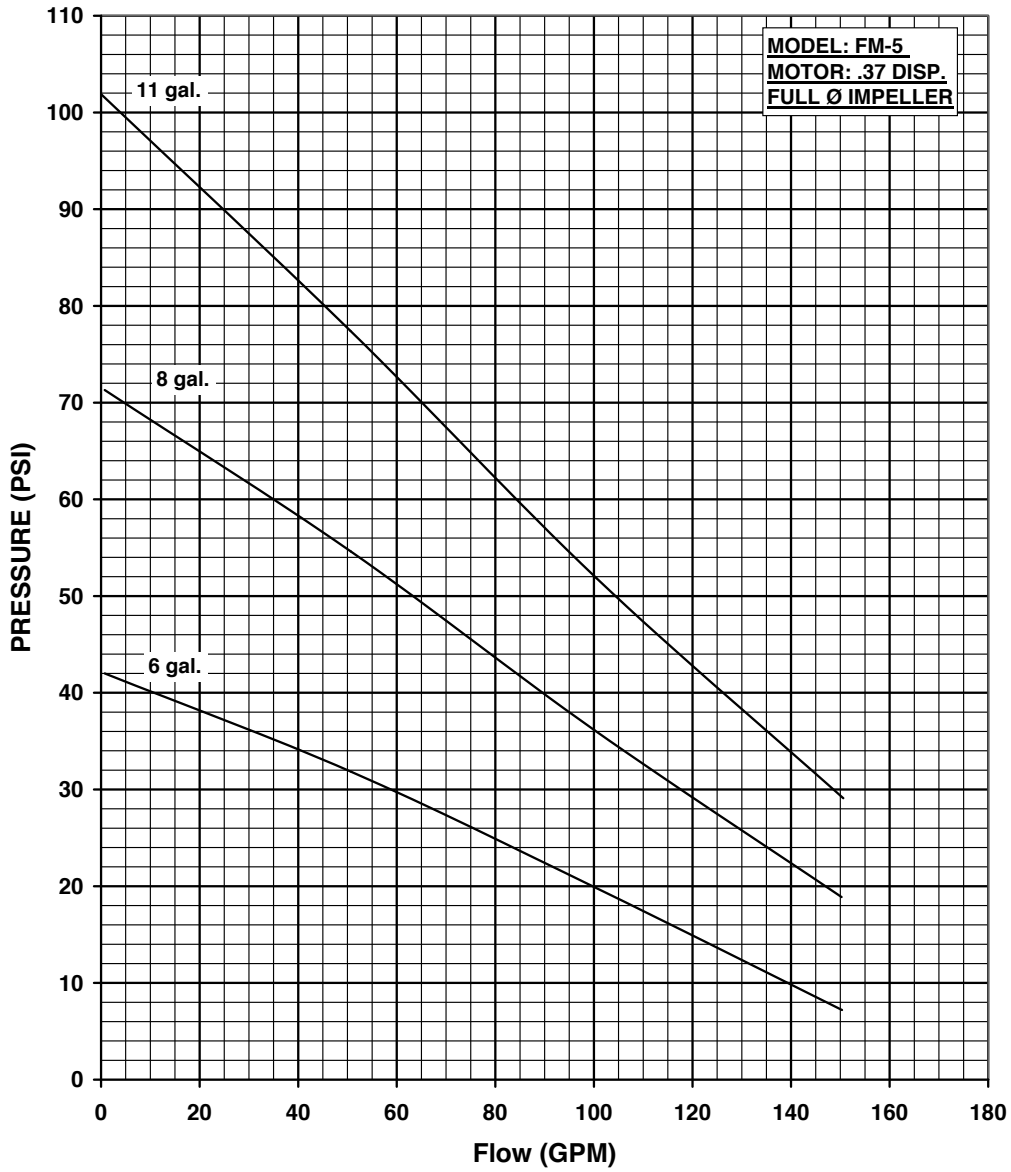
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FLOMAX 5 Hydraulic

PERFORMANCE CURVES



OIL FLOW	SHUT OFF	10	25	40	55	70	85	100	115	130	145	MAX. HYD. OIL PRESS.REQ.
	0 GPM	GPM	GPM	GPM	GPM	GPM	GPM	GPM	GPM	GPM	GPM	
6 GPM	42 PSI	40 PSI	37 PSI	34 PSI	31 PSI	27 PSI	24 PSI	20 PSI	16 PSI	13 PSI	9 PSI	1180 PSI
8 GPM	72 PSI	68 PSI	63 PSI	58 PSI	53 PSI	47 PSI	42 PSI	36 PSI	31 PSI	26 PSI	21 PSI	1610 PSI
11 GPM	72 PSI	97 PSI	90 PSI	83 PSI	75 PSI	67 PSI	60 PSI	53 PSI	43 PSI	39 PSI	32 PSI	1950 PSI

CN 7088-S



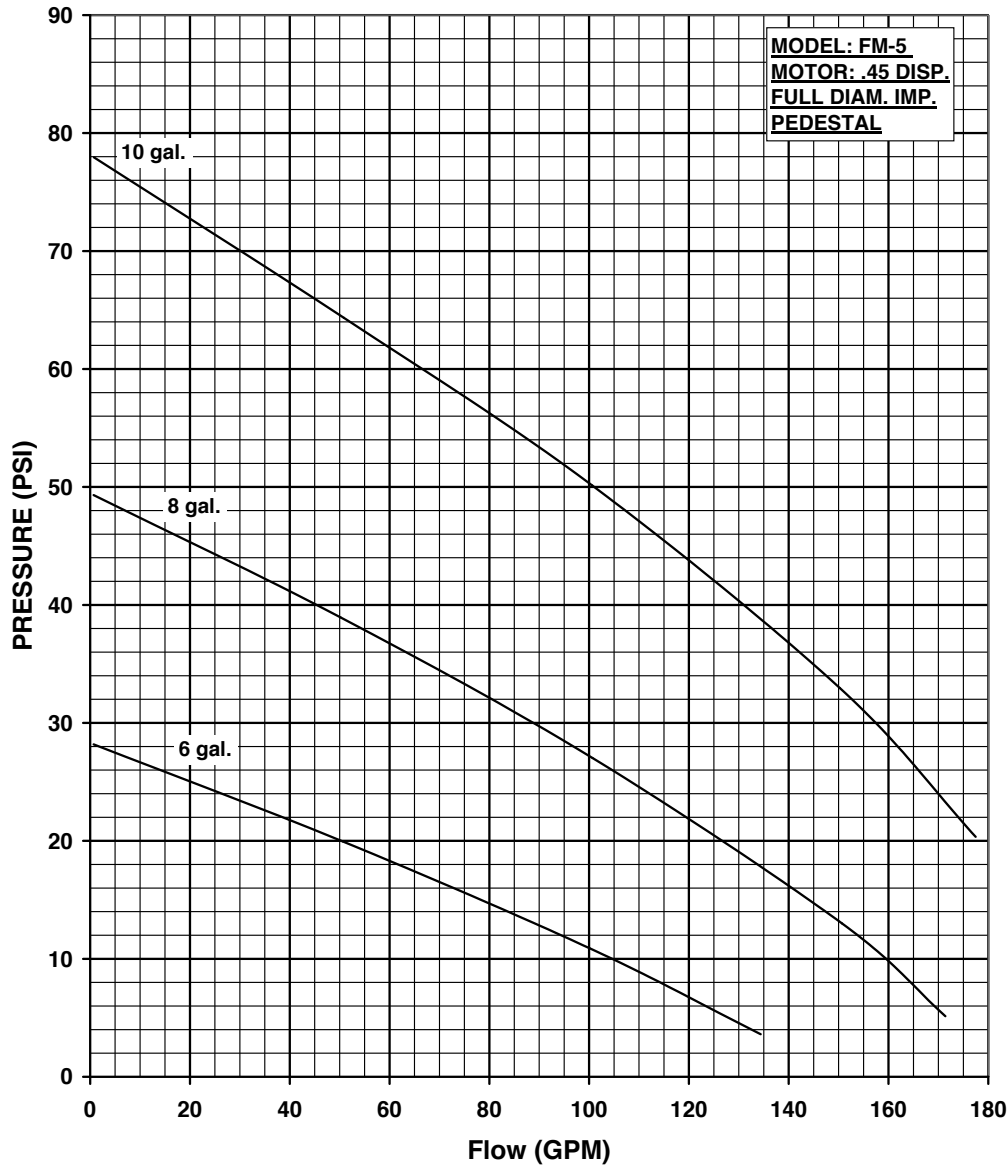
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PERFORMANCE CURVES



OIL FLOW	SHUT OFF	10	25	40	55	70	85	100	115	130	145	MAX. HYD. OIL PRESS. REQ.
	0 GPM	GPM	GPM	GPM	GPM	GPM	GPM	GPM	GPM	GPM	GPM	
6 GPM	28	27	24	22	19	16	14	11	8	4		720
8 GPM	49	47	44	42	37	34	31	27	23	19	15	1200
10 GPM	77	75	71	67	64	59	55	50	46	41	36	1650

CN 7089-S

* For complete parts lists and troubleshooting guidance, please refer to the MP Pumps Installation Operation & Maintenance (IOM) Manual.



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