



HYDRASUB 30

3" Submersible Centrifugal Pump

The HYDRASUB 30 is a robust and efficient 3-inch submersible centrifugal pump designed for high-volume applications in challenging environments. Powered by a hydraulic drive, this self-priming unit delivers impressive flow rates of up to 400 GPM (91.8 m³/h), all within a compact and lightweight design—perfect for mobile setups and confined spaces.

Constructed from anodized, high-strength aluminum and featuring a stainless steel impeller, the HYDRASUB 30 provides exceptional corrosion resistance, ensuring long-lasting performance in demanding sectors such as agriculture, marine operations, OEM systems, and industrial applications.

Equipped with a gerotor-style hydraulic motor, the pump operates quietly and reliably under extreme conditions. It can process solids up to ½ inch (12.7 mm), pump down to ¾ inch (19 mm) depth, and run dry without damage—making it an excellent choice for field operations, dewatering tasks, and emergency flood control.

SPECIFICATIONS:

Discharge	3" NPT with A-type cam and groove fitting included
Materials of Construction	Aluminum
Flow	Up to 400 GPM (91.8 m ³ /h)
Head Feet	Up to 108' (33 m)
Impeller	4.0" (101.6 m) stainless steel
Drive Options	Hydraulic motor .58 cu. in. (9.5 cm ³)
Max Solid Size	Up to 1/2" (12.7 mm) particles
Features	<ul style="list-style-type: none">• Carrying handle provided• Compact, lightweight design• Corrosion resistant• Pumps down to a depth of 3/4" (19 mm)• Quiet operation with gerotor motor• Self-priming, can run dry without damage

Application:

- Agricultural
- Industrial
- Marine
- OEM



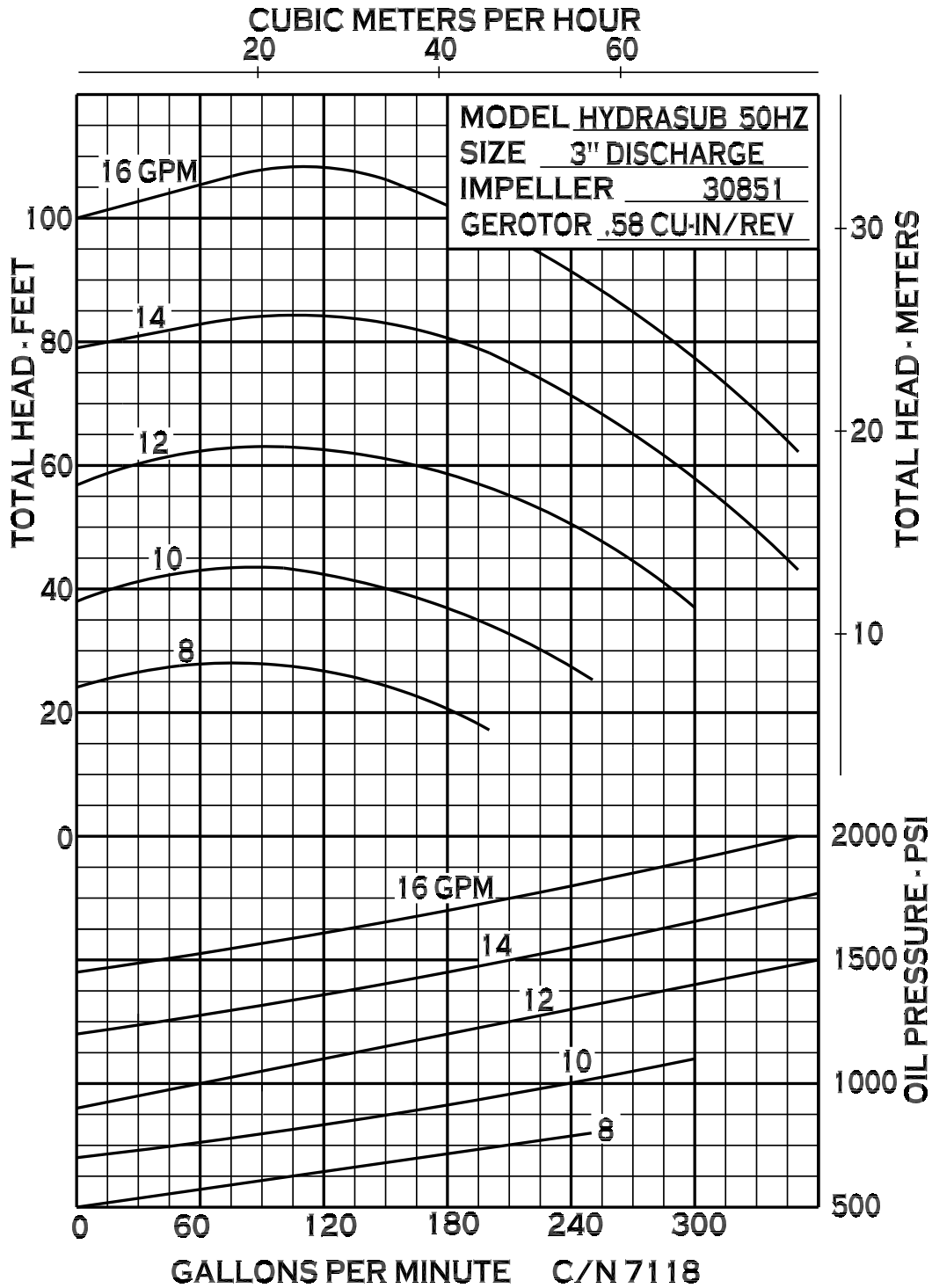
12500 South Pulaski Road
Alsip, IL 60803, USA
Phone (800) 563-8006



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HYDRASUB 30

PERFORMANCE CURVES



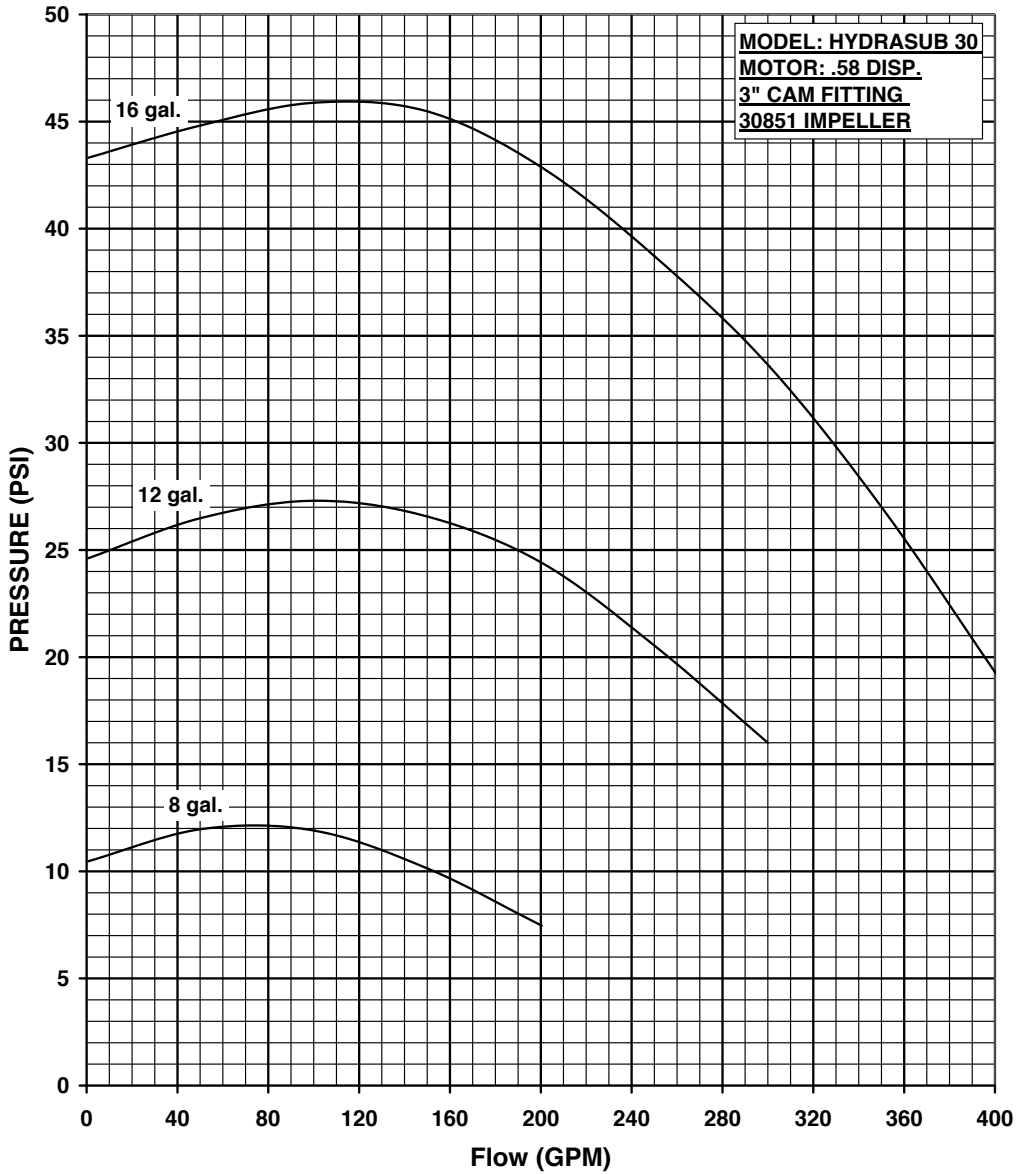
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PERFORMANCE CURVES



OIL FLOW	SHUT OFF	40	80	120	160	200	240	280	320	360	400	MAX. HYD. OIL PRESS. REQ.
	0 GPM	GPM	GPM	GPM	GPM	GPM	GPM	GPM	GPM	GPM	GPM	
8 GPM	10 PSI	12 PSI	12 PSI	11 PSI	10 PSI	12 PSI	18 PSI					800 PSI
12 GPM	25 PSI	26 PSI	27 PSI	27 PSI	26 PSI	24 PSI	21 PSI					1500 PSI
16 GPM	43 PSI	44 PSI	46 PSI	47 PSI	46 PSI	43 PSI	40 PSI	36 PSI	31 PSI	26 PSI	19 PSI	2200 PSI

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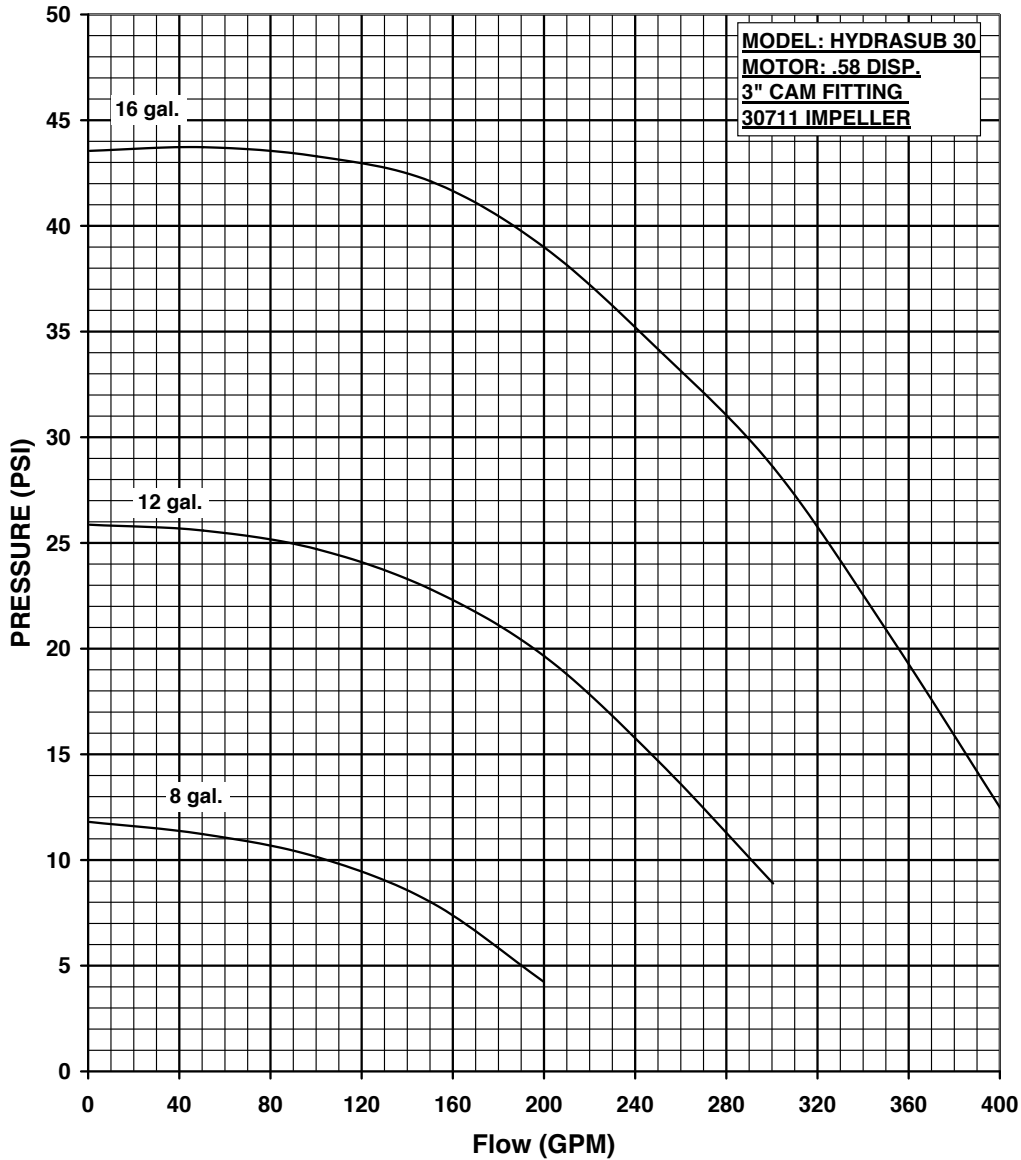
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OIL FLOW	SHUT OFF 0 GPM	40 GPM	80 GPM	120 GPM	160 GPM	200 GPM	240 GPM	280 GPM	320 GPM	360 GPM	400 GPM	MAX. HYD. OIL PRESS. REQ.
8 GPM	12 PSI	11 PSI	11 PSI	9 PSI	7 PSI	4 PSI						650 PSI
12 GPM	26 PSI	26 PSI	25 PSI	24 PSI	22 PSI	20 PSI	16 PSI	11 PSI				1100 PSI
16 GPM	43 PSI	43 PSI	43 PSI	43 PSI	42 PSI	39 PSI	35 PSI	31 PSI	26 PSI	19 PSI	13 PSI	1700 PSI

CN 7119-S



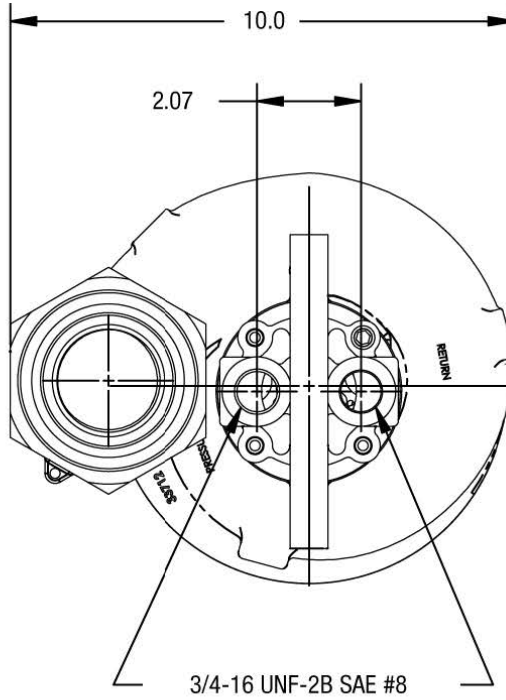
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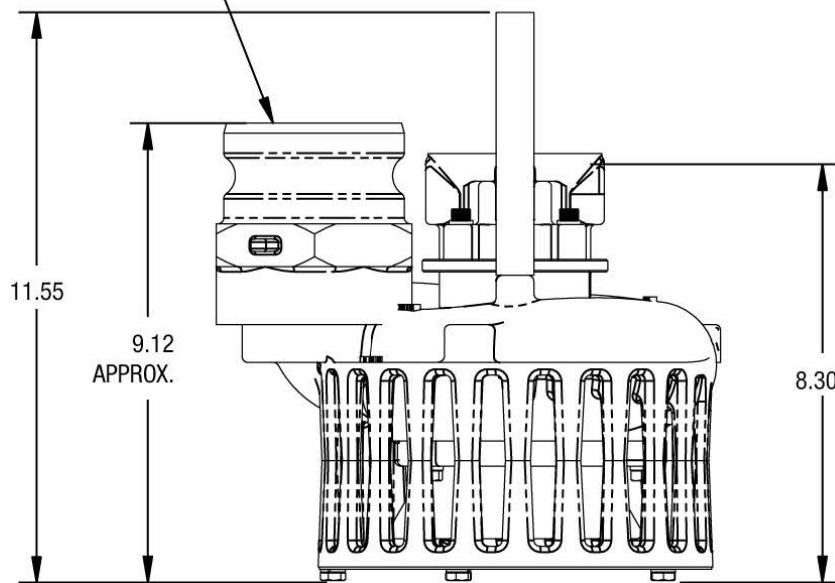
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HYDRASUB 30

DIMENSIONS



3" A-TYPE
CAM & GROOVE
COUPLING



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



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