



# HYDRASUB 20

## 2" Submersible Centrifugal Pump

The HYDRASUB 20 is a robust 2-inch hydraulic submersible centrifugal pump designed for demanding fluid transfer tasks in tough conditions. Its compact, lightweight build incorporates anodized, high-strength aluminum for superior resistance to corrosion. This compact hydraulic submersible pump delivers impressive performance, achieving flow rates up to 300 GPM (68.1 m<sup>3</sup>/h) and handling heads as high as 76 feet (23 m).

Key features include a stainless steel impeller, precision ball bearings, and a quiet, energy-efficient gerotor-style hydraulic motor.

Ideal for use in agriculture, industrial operations, marine settings, and OEM applications, the HYDRASUB 20 combines reliability with portability. It can manage solids up to ½ inch (12.7 mm) and operate dry without sustaining damage, making it a practical solution for professionals who require durability and ease of use in the field.

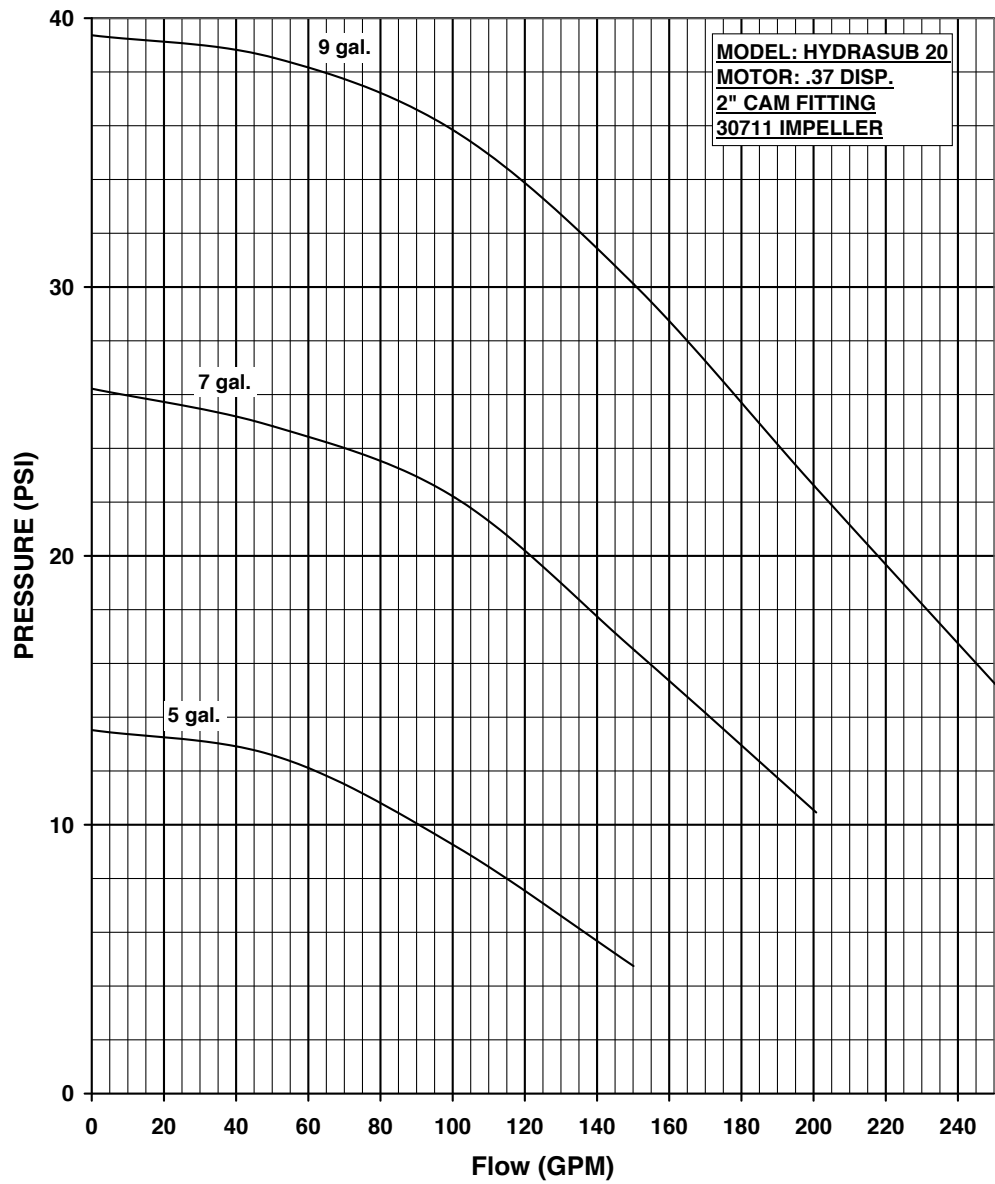
### SPECIFICATIONS:

<b>Discharge</b>	2" NPT with A-Type cam and groove fitting included
<b>Materials of Construction</b>	Aluminum
<b>Flow</b>	Up to 300 GPM (68.1 m <sup>3</sup> /h)
<b>Head Feet</b>	Up to 76' (23 m)
<b>Impeller</b>	3.90" (99.06 mm) stainless steel
<b>Drive Options</b>	Hydraulic motor .37 cu. in. (6.06 cm <sup>3</sup> )
<b>Max Solid Size</b>	Up to 1/2" (12.7 mm)
<b>Features</b>	<ul style="list-style-type: none"> <li>• Carrying handle provided</li> <li>• Compact, lightweight design</li> <li>• Corrosion resistant</li> <li>• Pumps down to a depth of 3/4" (19 mm)</li> <li>• Quiet operation with gerotor motor</li> <li>• Can run dry without damage</li> </ul>

### Application:

- Agricultural
- Industrial
- Marine
- OEM

## PERFORMANCE CURVES



OIL FLOW	SHUT OFF	20	40	60	80	100	120	140	160	180	200	220	240	MAX. HYD. OIL PRESS. REQ.
	0 GPM	GPM	GPM	GPM	GPM	GPM	GPM	GPM	GPM	GPM	GPM	GPM	GPM	
5 GPM	14 PSI	14 PSI	13 PSI	13 PSI	12 PSI	9 PSI	7 PSI	6 PSI						730 PSI
7 GPM	27 PSI	26 PSI	25 PSI	24 PSI	24 PSI	23 PSI	20 PSI	18 PSI	16 PSI	13 PSI	11 PSI			1290 PSI
9 GPM	39 PSI	38 PSI	38 PSI	37 PSI	37 PSI	36 PSI	34 PSI	32 PSI	28 PSI	26 PSI	23 PSI	18 PSI	17 PSI	1850 PSI

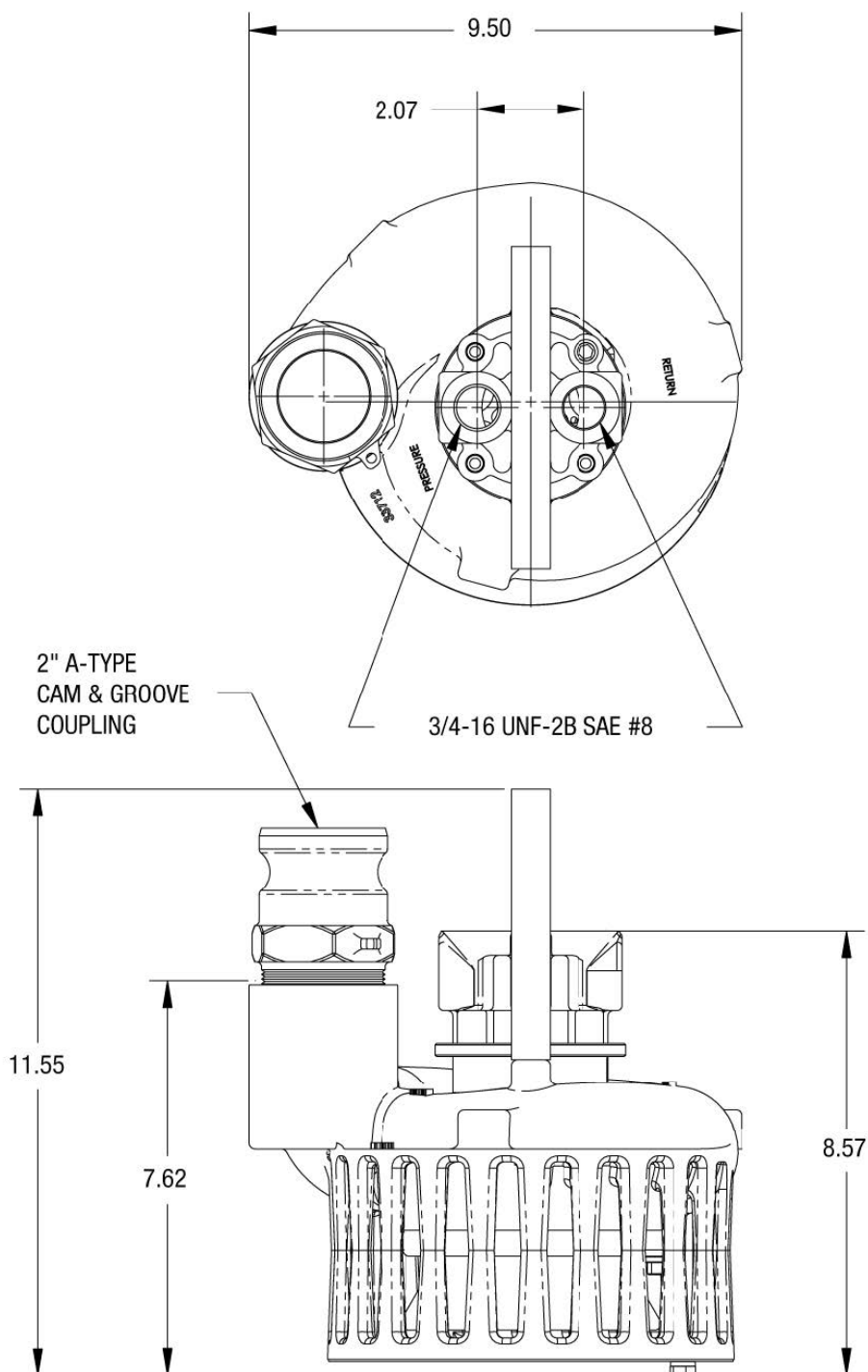
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## DIMENSIONS



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



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