

**Pump Data Sheet - Submersible 60 Hz**

Company:  
Name:  
Date: 01/16/2019

Customer:



<b>Pump:</b>		
Size:	14RJMC (stages: 3)	Dimensions:
Type:	Submersible	Suction: ---
Synch Speed:	1800 rpm	Discharge: ---
Dia:	9.5 in	<u>Vertical Turbine:</u>
Curve:	E6614RGPC3	Eye Area:
		Bowl Size: 13.6 in
		Max Lateral: 1.25 in
		Thrust K Factor: 16.2 lb/ft

<b>Fluid:</b>		
Name:	Water	
SG:	1	Vapor Pressure: 0.256 psi a
Density:	62.4 lb/ft <sup>3</sup>	Atm Pressure: 14.7 psi a
Viscosity:	1.1 cP	
Temperature:	60 °F	

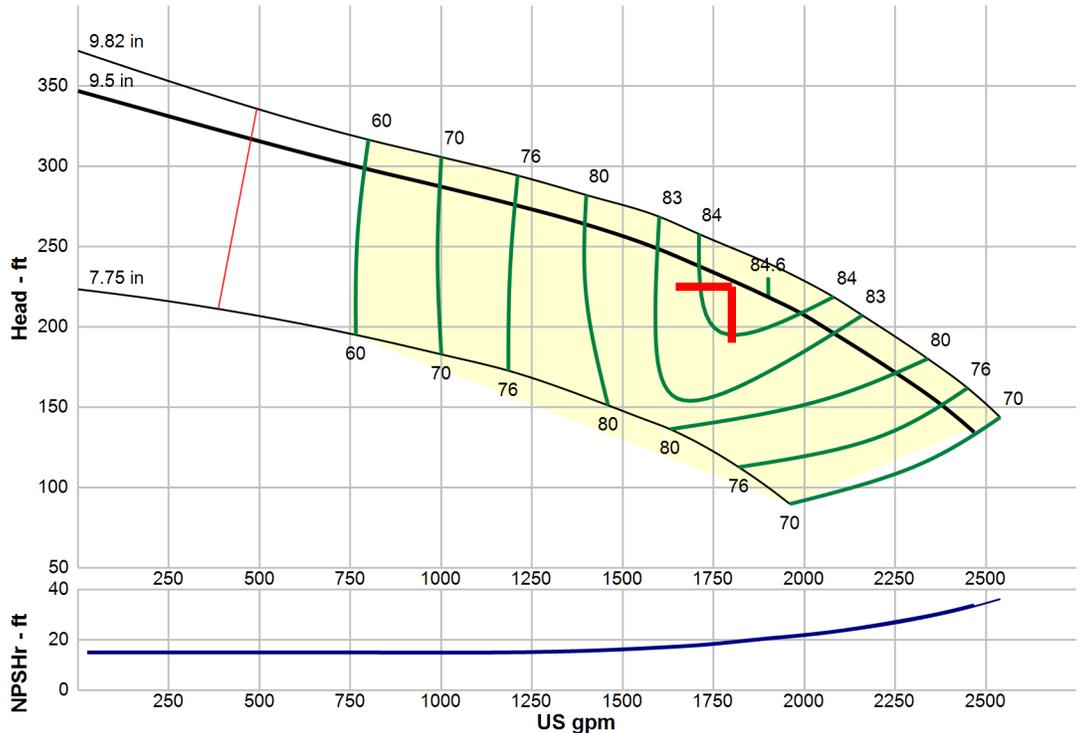
<b>Search Criteria:</b>		
Flow:	1800 US gpm	Near Miss: ---
Head:	225 ft	Static Head: 0 ft

<b>Pump Limits:</b>		
Temperature:	---	Sphere Size: 1.06 in
Wkg Pressure:	---	

<b>Motor:</b>		
Standard:	NEMA	Size: 125 hp
Enclosure:	SUB	Speed: 1800 rpm
Frame:	10 inch	
Sizing Criteria:	Max Power on Design Curve	

**Pump Selection Warnings:**  
None

<b>--- Duty Point ---</b>	
Flow:	1800 US gpm
Head:	229 ft
Eff:	84.3%
Power:	123 hp
NPSHr:	19.2 ft
Speed:	1770 rpm
<b>--- Design Curve ---</b>	
Shutoff Head:	347 ft
Shutoff dP:	150 psi
Min Flow:	475 US gpm
BEP:	84.6% @ 1901 US gpm
NOL Power:	125 hp @ 1990 US gpm
<b>--- Max Curve ---</b>	
Max Power:	137 hp @ 2081 US gpm



Discharge Sizes-8in,10in,12in. Curves are certified for water at 60°F only. Consult factory for performance with any other fluid. Note: Contains unofficial Goulds Water Technology catalog content, not to be used for production.

<b>Performance Evaluation:</b>						
<b>Flow</b>	<b>Speed</b>	<b>Head</b>	<b>Efficiency</b>	<b>Power</b>	<b>NPSHr</b>	
US gpm	rpm	ft	%	hp	ft	
2160	1770	185	81.6	123	25.1	
1800	1770	229	84.3	123	19.2	
1440	1770	261	80.7	117	16	
1080	1770	283	72.4	106	15	
720	1770	303	54.8	97.9	15	