Pump Data Sheet - Gorman-Rupp SEW 60Hz

Company: Precision Pump Syst Name: Deer Park Battlegrounds Golf Date: 05/15/2019

GORMAN-RUPP PUMPS

Pump:

i ump.				
Size:	VS4A-B-1	Dimensions:	Suction:	6 in
Туре:	V&VS-SERIES		Discharge:	4 in
Synch Speed:	Adjustable			
Dia:	9.75 in			
Curve:	VS4A-B-1			
Impeller:	38615-104			

Search Criteria:

Flow:	750 US gpm	Near Miss:		
Head:	105 psi	Static Head:	0 psi	

Fluid:

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

Pump Limits:

Temperature:	 Sphere Size:	3 in
Wkg Pressure:		

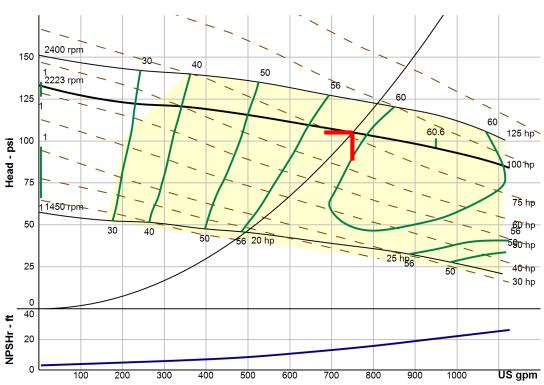
Motor:

Consult Gorman-Rupp SEW 60Hz to select a motor for this pump.

Pump Selection Warnings:

None

Duty Point Flow: 750 US gpm Head: 105 psi Eff: 59% Power: 77.7 hp NPSHr: 14.5 ft Speed: 2223 rpm Design Curve Shutoff Head: 133 psi Min Flow: US gpm BEP: 60.6% @ 949 US gpm NOL Power: 92.2 hp @ 1126 US gpm Max Curve				
Head: 105 psi Eff: 59% Power: 77.7 hp NPSHr: 14.5 ft Speed: 2223 rpm Design Curve Shutoff Head: 133 psi Shutoff dP: 133 psi Min Flow: US gpm BEP: 60.6% @ 949 US gpm NOL Power: 92.2 hp @ 1126 US gpm	Duty	Point		
Eff: 59% Power: 77.7 hp NPSHr: 14.5 ft Speed: 2223 rpm Design Curve Shutoff Head: 133 psi Shutoff dP: 133 psi Min Flow: US gpm BEP: 60.6% @ 949 US gpm NOL Power: 92.2 hp @ 1126 US gpm	Flow:	750 US gpm		
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Speed:2223 rpmDesign CurveShutoff Head:133 psiShutoff dP:133 psiMin Flow: US gpmBEP:60.6% @ 949 US gpmNOL Power:92.2 hp @ 1126 US gpm	Power:	77.7 hp		
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Min Flow: US gpm BEP: 60.6% @ 949 US gpm NOL Power: 92.2 hp @ 1126 US gpm	Shutoff Head:	133 psi		
BEP: 60.6% @ 949 US gpm NOL Power: 92.2 hp @ 1126 US gpm	Shutoff dP:	133 psi		
NOL Power: 92.2 hp @ 1126 US gpm	Min Flow:	US gpm		
92.2 hp @ 1126 US gpm	BEP: 60.6% @	949 US gpm		
	NOL Power:			
Max Curve	92.2 hp (@ 1126 US gpm		
	Max C	urve		
Max Power:	Max Power:			
110 hp @ 1115 US gpm	110 hp @) 1115 US gpm		



This curve is provided for preliminary selection only. Please consult factory before making final pump or motor selections.

Performance Evaluation:

Flow	Speed	Head	Efficiency	Power	NPSHr
US gpm	rpm	psi	%	hp	ft
900	2223	98.1	60	84.9	18.9
750	2223	105	59	77.7	14.5
600	2223	111	54	71.6	10.6
450	2223	117	47	65	7.77
300	2223	121	36	58	5.9