

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



Pump:

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

Fluid:

Name: Water
SG: 1 Vapor Pressure: 0.256 psi a
Density: 62.4 lb/ft³ Atm Pressure: 14.7 psi a
Viscosity: 1.1 cP
Temperature: 60 °F

Search Criteria:

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

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 ---

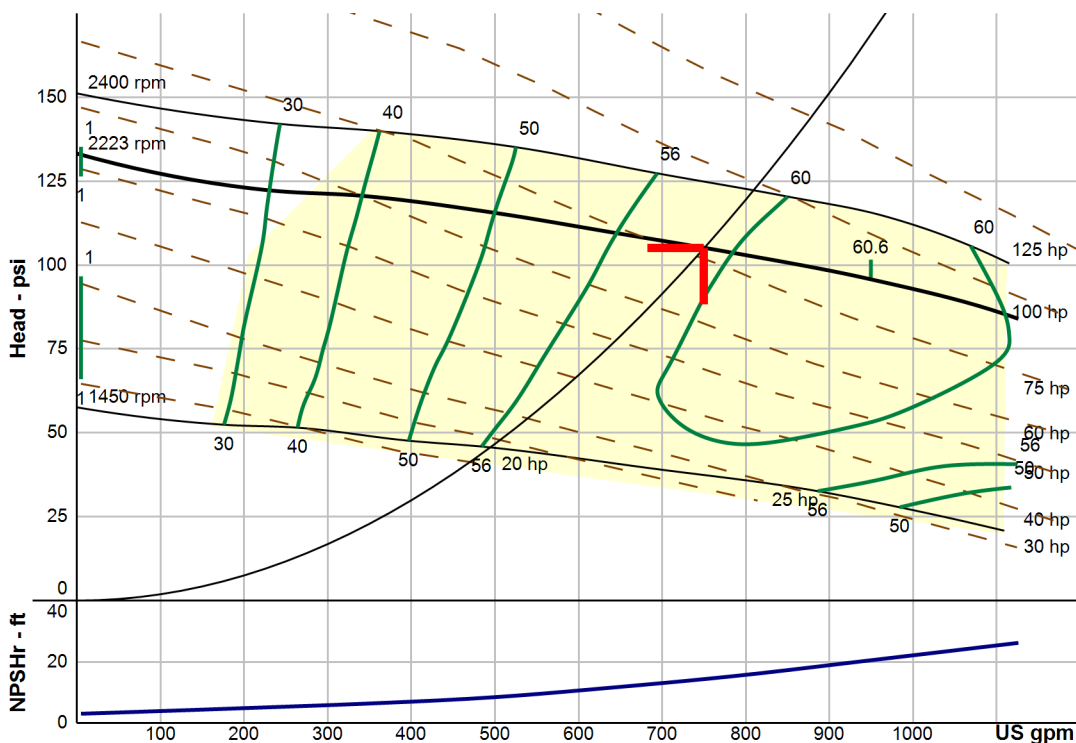
Flow: 750 US gpm
Head: 105 psi
Eff: 59%
Power: 77.7 hp
NPSHr: 14.5 ft
Speed: 2223 rpm

--- Design Curve ---

Shutoff Head: 133 psi
Shutoff dP: 133 psi
Min Flow: --- US gpm
BEP: 60.6% @ 949 US gpm
NOL Power:
92.2 hp @ 1126 US gpm

--- Max Curve ---

Max Power:
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