

Company:
Name:
Date: 05/17/2024



Pump:			
Size:	2x3-6	<u>Dimensions:</u>	
Type:	2196 ANSI	Suction:	3 in
Synch Speed:	3600 rpm	Discharge:	2 in
Dia:	6.0625 in		
Curve:	---		
Impeller:	96S101C		

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	Margin Ratio:	1

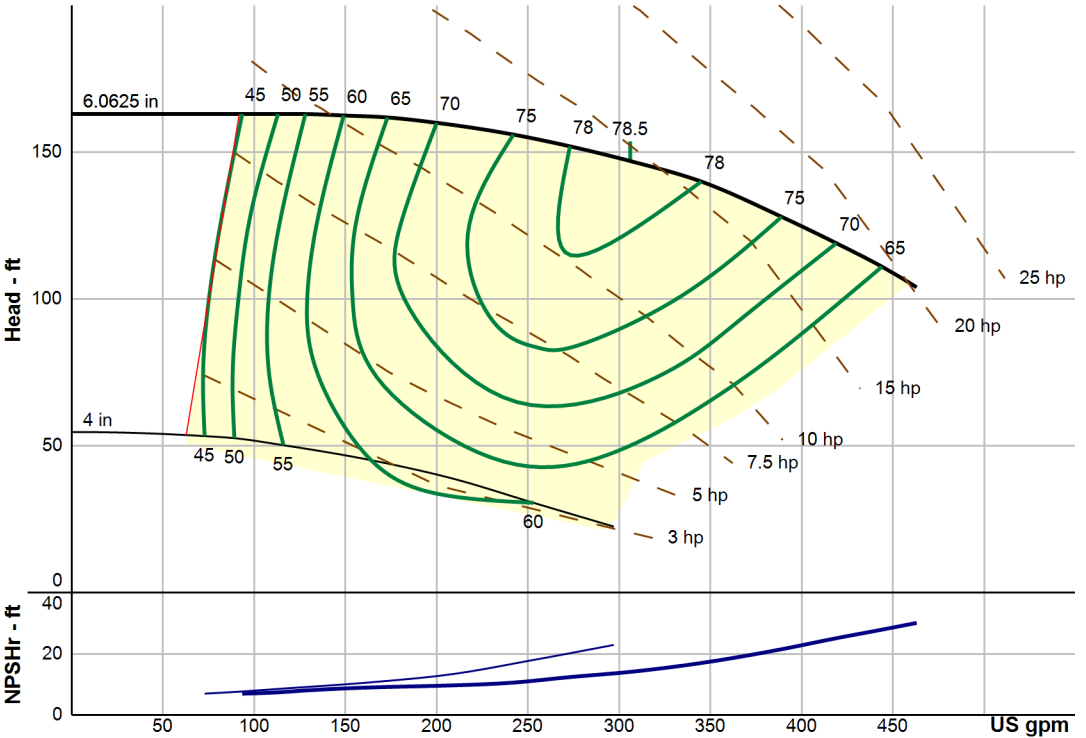
Search Criteria:			
Flow:	---	Near Miss:	---
Head:	---	Static Head:	0 ft

Pump Limits:			
Temperature:	---	Sphere Size:	0.37 in
Wkg Pressure:	---		

Motor:			
Standard:	NEMA	Size:	25 hp
Enclosure:	TEFC	Speed:	3600 rpm
Frame:	284TS		
Sizing Criteria:	Max Power on Design Curve		

Pump Selection Warnings:	
None	

--- Duty Point ---	
Flow:	306 US gpm
Head:	147 ft
Eff:	78.5%
Power:	14.5 hp
NPSHr:	14.1 ft
Speed:	3550 rpm
--- Design Curve ---	
Shutoff Head:	163 ft
Shutoff dP:	70.6 psi
Min Flow:	91.8 US gpm
BEP:	78.5% @ 306 US gpm
NOL Power:	20.2 hp @ 463 US gpm
--- Max Curve ---	
Max Power:	20.2 hp @ 463 US gpm



Performance Evaluation:						
Flow	Speed	Head	Efficiency	Power	NPSHr	
US gpm	rpm	ft	%	hp	ft	
444	3550	111	65	19.1	27.9	
370	3550	133	76.3	16.3	19.6	
296	3550	149	78.3	14.2	13.6	
222	3550	158	72.6	12.2	10.1	
148	3550	163	59.8	10.2	8.65	