

Company:
Name:
Date: 09/17/2021



Pump:

Model: XL/XT200
Type: XL/XT
Synch Speed: 3600 rpm
Dia: 5.75 in
Curve: 6690014-26-1

Dimensions:

Suction: 3 in
Discharge: 2 in

Fluid:

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

Pump Limits:

Temperature: 300 °F
Wkg Pressure: 200 psi g
Sphere Size: 0.25 in

Motor:

Standard: NEMA
Enclosure: TEFC
Frame: 254T
Sizing Criteria: Max Power on Design Curve
Size: 15 hp
Speed: 3600 rpm

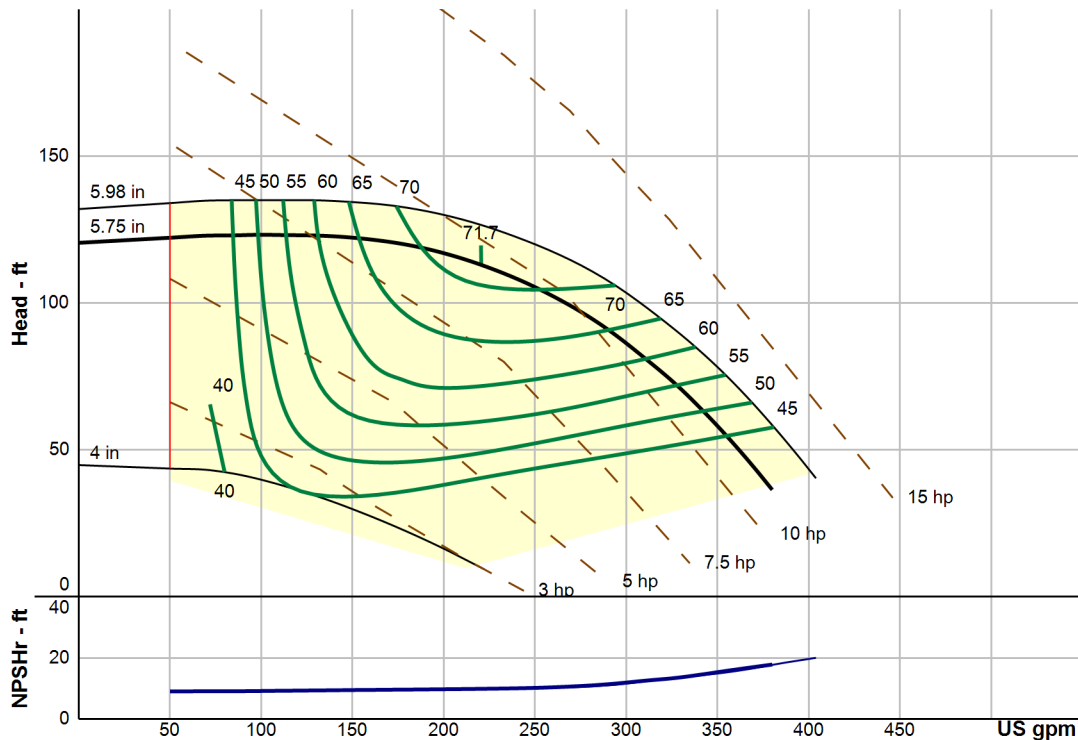
Search Criteria:

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

Pump Selection Warnings:

None

--- Duty Point ---	
Flow:	221 US gpm
Head:	113 ft
Eff:	71.7%
Power:	8.78 hp
NPSHr:	9.88 ft
Speed:	3500 rpm
--- Design Curve ---	
Shutoff Head:	120 ft
Shutoff dP:	52.2 psi
Min Flow:	50 US gpm
BEP:	71.7% @ 221 US gpm
NOL Power:	11.1 hp @ 380 US gpm
--- Max Curve ---	
Max Power:	12.4 hp @ 404 US gpm



Performance Evaluation:

Flow	Speed	Head	Efficiency	Power	NPSHr
US gpm	rpm	ft	%	hp	ft
365	3500	47.4	39.6	11	16.6
304	3500	84.2	61.6	10.5	12.2
243	3500	107	70.5	9.31	10.1
182	3500	119	69.1	7.92	9.64
122	3500	123	57.4	6.6	9.3