

Company:
Name:
Date: 09/17/2021



Pump:

Model: XL/XT200
Type: XL/XT
Synch Speed: 3600 rpm
Dia: 5.98 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

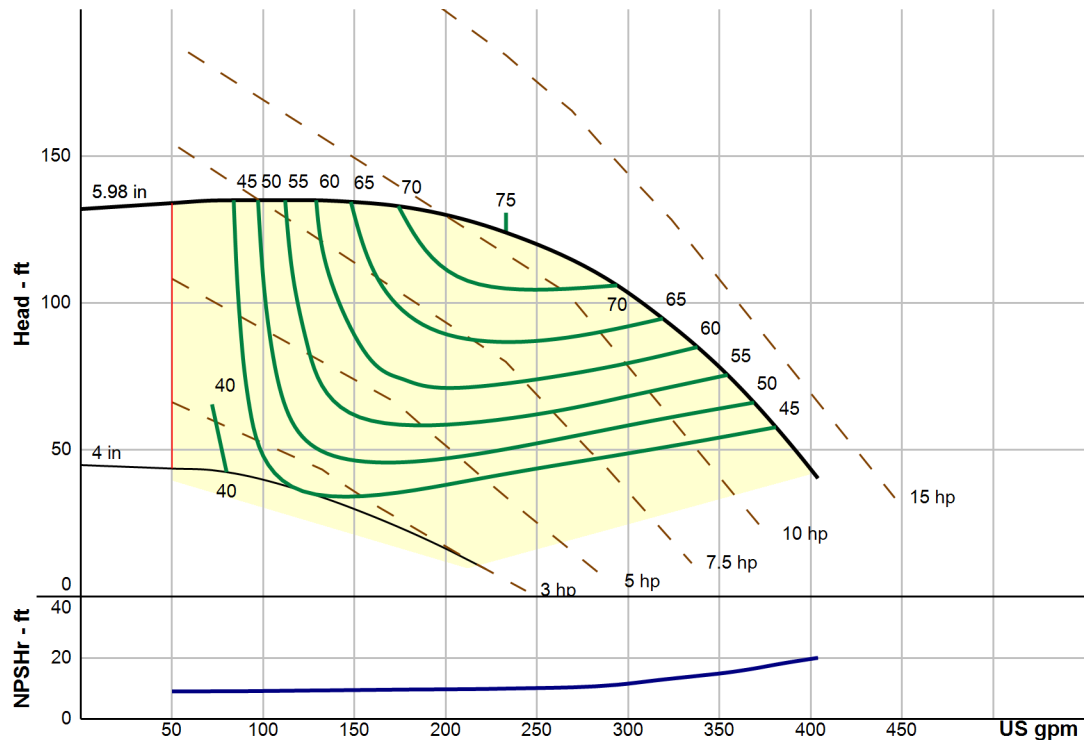
Search Criteria:

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

Pump Selection Warnings:

None

--- Duty Point ---	
Flow:	233 US gpm
Head:	124 ft
Eff:	75%
Power:	9.73 hp
NPSHr:	9.95 ft
Speed:	3500 rpm
--- Design Curve ---	
Shutoff Head:	132 ft
Shutoff dP:	57.2 psi
Min Flow:	50 US gpm
BEP: 75% @ 233 US gpm	
NOL Power:	12.4 hp @ 404 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
388	3500	52.4	41.4	12.4	18.5
323	3500	92.7	63.9	11.8	13.2
258	3500	117	73	10.4	10.5
194	3500	130	71.7	8.82	9.73
129	3500	135	60	7.33	9.34