

Pump:			
Size:	1.5x3-10 Dimensions: 2196 ANSI Suction:		3 in
Type:		Suction:	3 m 1.5 in
Synch Speed: Dia:	1800 rpm 10 in	Discharge:	1.5 10
Curve:	SPTL_96175DS15310		
Impeller:	96M101F		

Search Criteria:

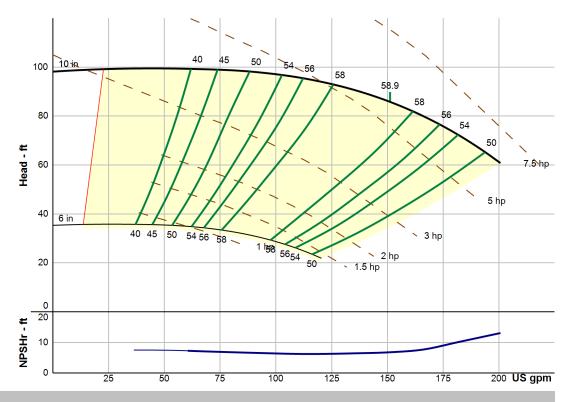
Flow:	 Near Miss:	
Head:	 Static Head:	0 ft

Fluid:			
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	Margin Ratio:	1
Pump Limits:			
Temperature:		Sphere Size:	0.21 in
Wkg Pressure:			
Motor:			
Standard:	NEMA	Size:	7.5 hp
Enclosure:	TEFC	Speed:	1800 rpm
Frame:	213T		
Sizing Criteria:	Max Power on Design Curve		

Pump Selection Warnings:

None

Duty Point Flow: 151 US gpm Head: 85.8 ft Eff: 58.9% Power: 5.57 hp NPSHr: 6.78 ft Speed: 1750 rpm Design Curve Shutoff Head: Shutoff dP: 42.5 psi Min Flow: 22.7 US gpm BEP: 58.9% @ NOL Power: 6.5 hp @ Max Curve Max Power: 6.5 hp @ 201 US gpm	Dute	Delut		
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Max Curve Max Power:	NOL Power:			
Max Power:	6.5 hp @	201 US gpm		
	Max Curve			
6.5 hp @ 201 US gpm	Max Power:			
	6.5 hp @	201 US gpm		



Performance Evaluation:

			Efficiency	Power	NPSHr
US gpm ı	rpm	ft	%	hp	ft
161 129 96.6	1750 1750 1750	65.5 82 91.9 97.3	52.2	6.36 5.75 5.15 4.53	11.9 7.37 6.38 6.49 7.17
	1750 1750	97.3 99.1	52.2 40.9	4.53 3.93	