

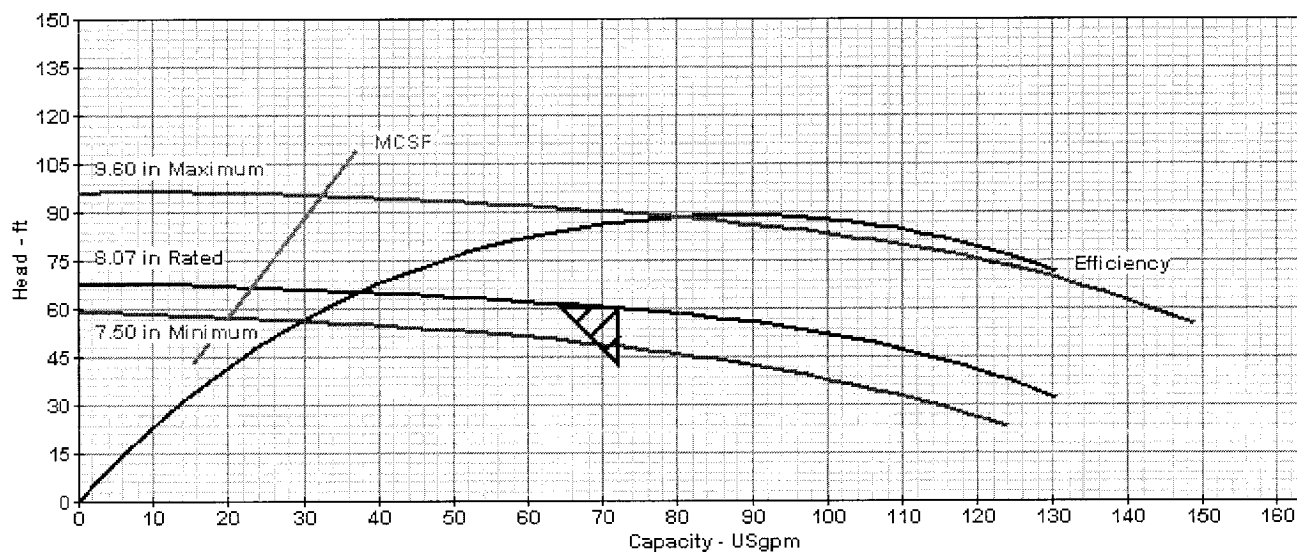


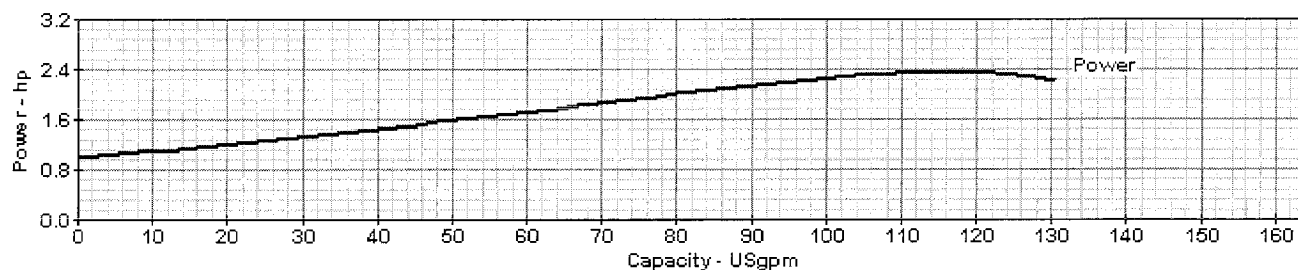
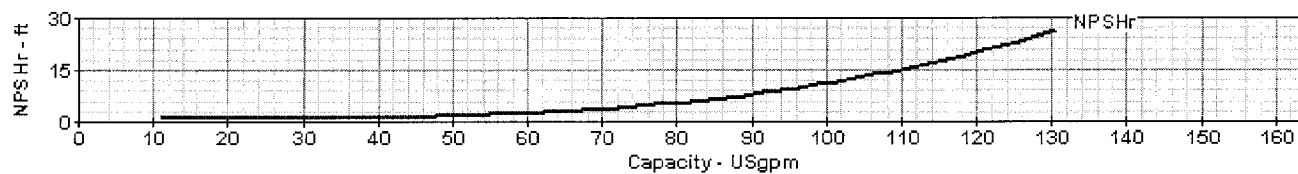
Conditions of Service Product Lines Pump Size List Search Results **Performance Datasheet** Performance

Instructions: To navigate to other pages click on any active button (top of page)

Customer :		Pump size :	15955 LC
Customer reference :		Stages :	1
Item number :	CP-1	Based on curve number :	RC1950
Service :	Chilled Water	Pump reference number :	9
Quantity of pumps :	1	Date last saved :	

Operating Conditions		Liquid	
Flow, rated	72 USgpm	Liquid type	Water
Head, rated	60.0 ft	Additional liquid description	
Suction pressure, max	0.00 psi.g	Solids diameter, max	0.00 in
NPSH available, rated	Ample ft	Temperature, max	68 °F
Site & Utility Data		Specific gravity, rated	1.000
Frequency	60 Hz	Viscosity, rated	1.000 cP
		-	:
Performance		Material	
Speed	<input checked="" type="checkbox"/> Set @ 1765 rpm	Material requested	Auto
Impeller diameter, rated	8.07 in	Material selected	Cast iron
Impeller diameter, maximum	9.60 in	Pressure Data	
Impeller diameter, minimum	7.50 in	Maximum working pressure	29.40 psi.g
Efficiency	57.8 %	Working pressure limit	175.0 psi.g
NPSHr	4.1 ft	Suction pressure limit	175.0 psi.g
Nss	3,030 (US units)	Hydrostatic test pressure	263.0 psi.g
MCSF	23.3 USgpm	Driver & Power Data	
Head, maximum, rated diameter	67.8 ft	Driver sizing specification	Rated power
Head rise to shutoff	13.0 %	Margin over specification	0.0 %
Flow, BEP	88 USgpm	Service factor	1.00
Flow ratio (rated / BEP)	82.2 %	Power, hydraulic	1.09 hp
Diameter ratio (rated / max)	84.1 %	Power, rated	1.89 hp
Head ratio (rated dia / max dia)	66.8 %	Power, maximum, rated diameter	2.35 hp
Viscous coefficients ($C_Q / C_H / C_E$)	1.00 / 1.00 / 1.00	Motor rating	2.00 hp / 1.49 kW
Selection status	Acceptable		





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