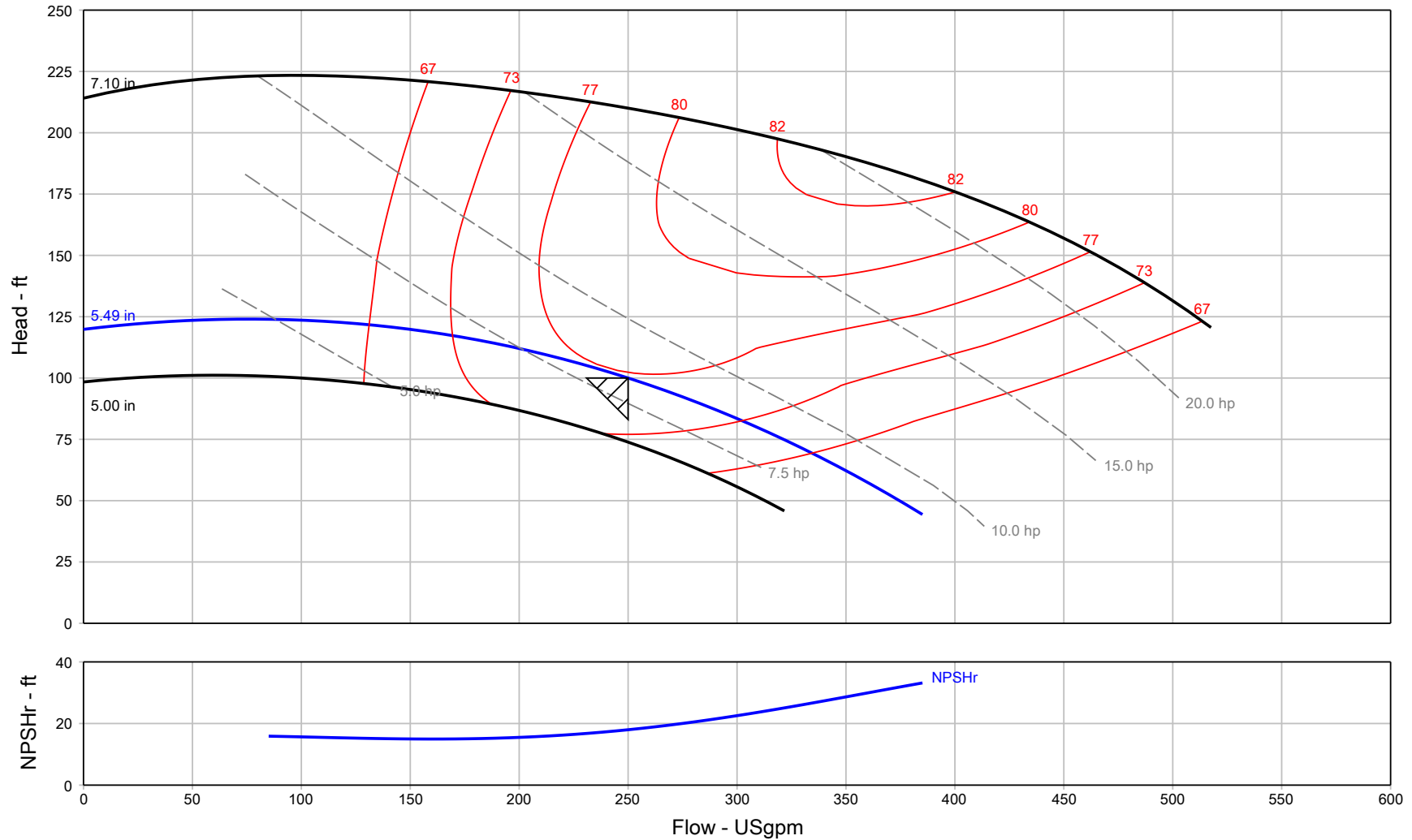
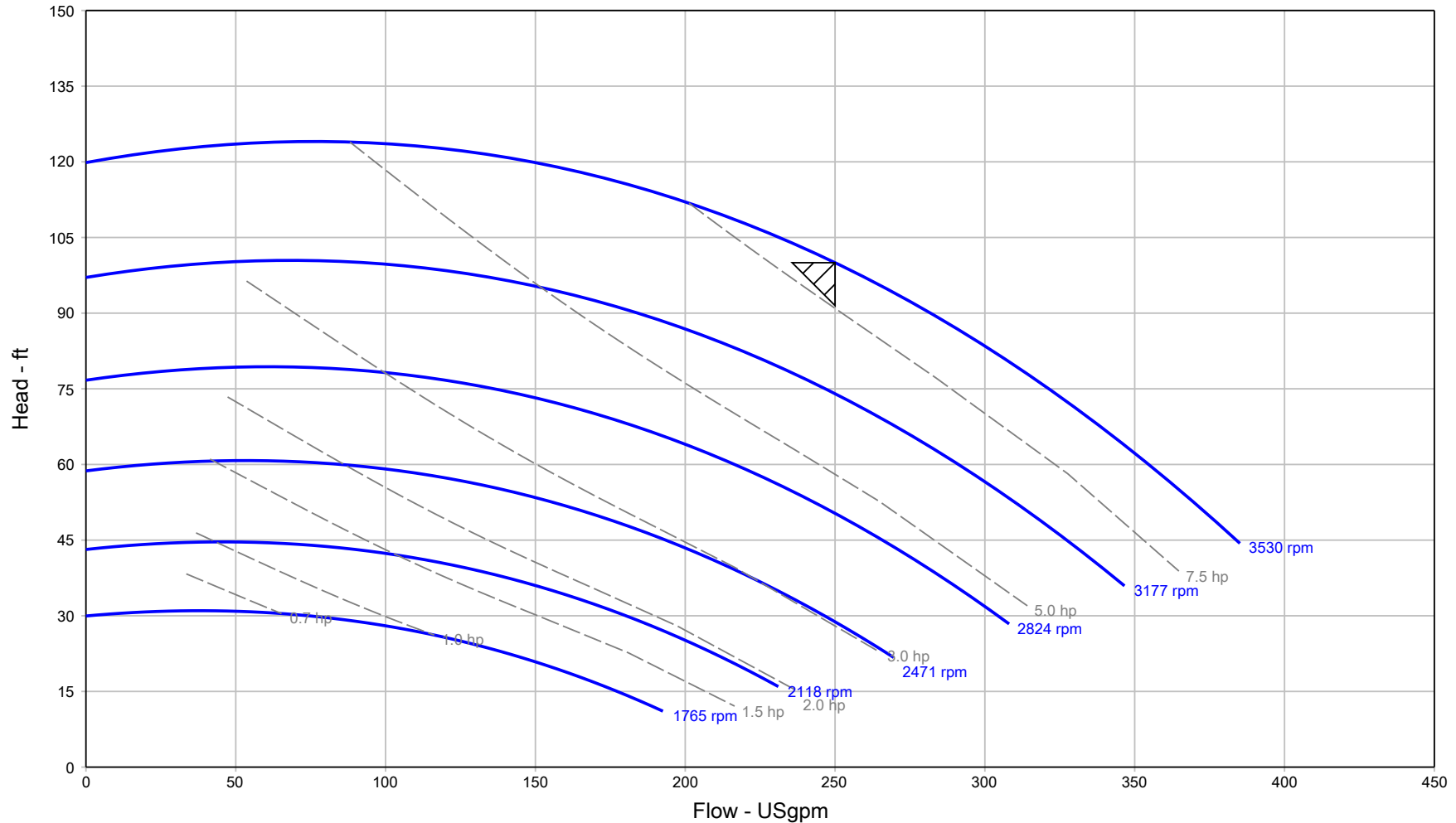


Pump Performance Curve



Project name : 1119494	Tag Number : 005	Flow, rated : 250.0 USgpm
Consulting engineer :	Service :	Differential head / pressure, rated : 100.0 ft
Customer :	Model : 20709 LC	Rated power (based on duty point) : 8.22 hp
Customer ref. / PO :	Quantity : 1	Max power (non-overloading) : 8.91 hp
Project Number / ID : 1119494	Quoted By (Sales Office) : PFC EQUIPMENT INC	Efficiency : 76.77 %
Date last saved : 02/19/2020 4:29 PM	Quoted By (Sales Engineer) : Corey Nath	Impeller diameter, rated : 5.49 in
Based on curve number : RC9912-1-SS Rev 0	Stages : 1	PEI (CL) : 0.88
	Speed, rated : 3530 rpm	ER (CL) : 12

Multi-Speed Performance Curve



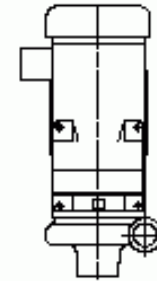
Project name	: 1119494	Tag Number	: 005	Speed, rated	: 3530 rpm
Consulting engineer	:	Service	:	Flow, rated	: 250.0 USgpm
Customer	:	Model	: 20709 LC	Differential head / pressure, rated	: 100.0 ft
Customer ref. / PO	:	Quantity	: 1	Fluid density, rated / max	: 1.000 / 1.000 SG
Project Number / ID	: 1119494	Quoted By (Sales Office)	: PFC EQUIPMENT INC	Viscosity	: 1.00 cP
Date last saved	: 02/19/2020 4:29 PM	Quoted By (Sales Engineer)	: Corey Nath	Cq/Ch/Ce/Cn [ANSI/HI 9.6.7-2010]	: 1.00 / 1.00 / 1.00 / 1.00
		Stages	: 1	Based on curve number	: RC9912-1-SS Rev 0

Construction Datasheet

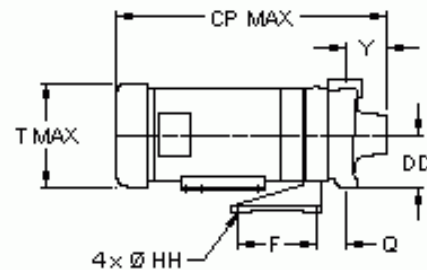
Project name	: 1119494	Tag Number	: 005	
Consulting engineer	:	Service	:	
Customer	: PFC EQUIPMENT INC	Model	: 20709 LC	
Customer ref. / PO	:	Quantity	: 1	
Quote Number / ID	: 1119494	Quoted By (Sales Office)	: PFC EQUIPMENT INC	
Date last saved	: 02/19/2020 4:29 PM	Quoted By (Sales Engineer)	: Corey Nath	
Construction		Motor Information		
Nozzle	Size (in.)	Nozzle Configuration	Pos'n	
Suction	2.5	NPS	End	
Discharge	2	NPS	Top	
Orientation / Configuration	: Horizontal		Manufacturer	: Baldor
Rotation	: Clockwise		Frame Size	: 215JM
Wear Ring Configuration	: Single - Case		Power	: 10.00 hp
Discharge Elbow Size	: -		RPM	: 3600 rpm
Subplate	: -		Enclosure	: TEFC
Sump Depth (feet)	: -		Operating Power Supply	: 230/460/3/60
Bearing Frame	: -		Efficiency	: Premium
Bearing Frame Foot	: -		Service factor	: 1.15
Bearing Type (Radial/Thrust)	: In motor		Motor Application	: General Purpose
Bearing Lubrication	: -		Motor Options/Accessories	: -
Thrust Bearing	: -		Cord Length (feet)	: -
Intermediate Bearing	: -		Materials	
Lower Bearing	: -		Case	: Cast Iron, ASTM A48 - Class 30
Bearing Housing Accessories	: -		Motor Bracket	: Cast Iron, ASTM-A48, CL 30
PACO Construction code	: 10-20709-130008-2781P		Impeller	: Stainless Steel, AISI-304 (H304)
Baseplate, Coupling and Guard		Impeller Cap Screw and Washer	: Stainless Steel, AISI-303	
Baseplate	: Not Applicable		Impeller Key	: Stainless Steel, AISI 316
Drip Pan	: -		Case wear ring	: Tin Bronze, ASTM B584-90500 (B18)
Coupling	: -		Impeller wear ring	: -
Guard	: Not Applicable		Pump Shaft	: Steel, AISI-1040
Seal & Packing Construction		Sleeve	: Bronze, III932, C89835	
Sealing Method	: Single Seal, Type 21S		Line Shaft	: -
Seal Material	: Buna Carbon Ceramic SS-Spring and Hardware		Column	: -
Packing Gland	: -		Discharge Pipe	: -
Lantern Ring	: -		Discharge Elbow	: -
Recirculation Lines	: None		Suction Elbow	: -
Weights (Approx.)		Subplate	: -	
Pump	: 45.00 lb		Hardware	: Steel, Grade 5
Baseplate	: -		O Rings	: Buna N
Driver	: 161.0 lb		Pump Coatings	: Standard Manufacturer's Paint
Estimated Shipping gross weight	: 206.0 lb			

General Arrangement

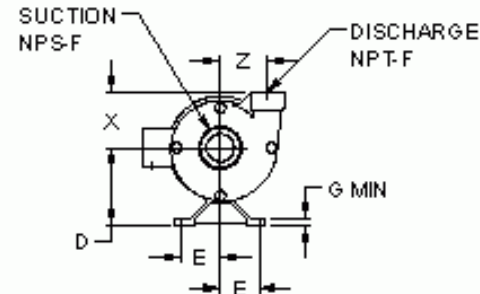
Project name	: 1119494	Tag Number	: 005
Consulting engineer	:	Service	:
Customer	: PFC EQUIPMENT INC	Model	: 20709 LC
Customer ref. / PO	:	Quantity of pumps	: 1
Quote Number / ID	: 1119494	Quoted By (Sales Office)	: PFC EQUIPMENT INC
Date last saved	: 02/19/2020 4:29 PM	Quoted By (Sales Engineer)	: Corey Nath



PLAN



SIDE VIEW



END VIEW

NOT FOR CONSTRUCTION, Unless certified and referenced on order

Units	Frame	Suct(in)	Disch(in)	CP	D	DD	E	F	G	HH	Q	T	X	Y	Z	Weight ea
inches	215JM	2.5	2	25.00	7.50	5.13	3.75	7.50	0.63	0.44	2.88	9.56	5.38	3.94	4.50	206.0

Conditions of Service			Motor Data			
Flow: 250.0 USgpm	Fluid: Cold Water	HP: 10	Encl: TEFC	Phase: 3	Efficiency: Premium	
TDH: 100.0 ft	Temp.: 68.00 deg F	RPM: 3530 rpm	Hz: 60	Voltage: 230/460	S.F.: 1.15	