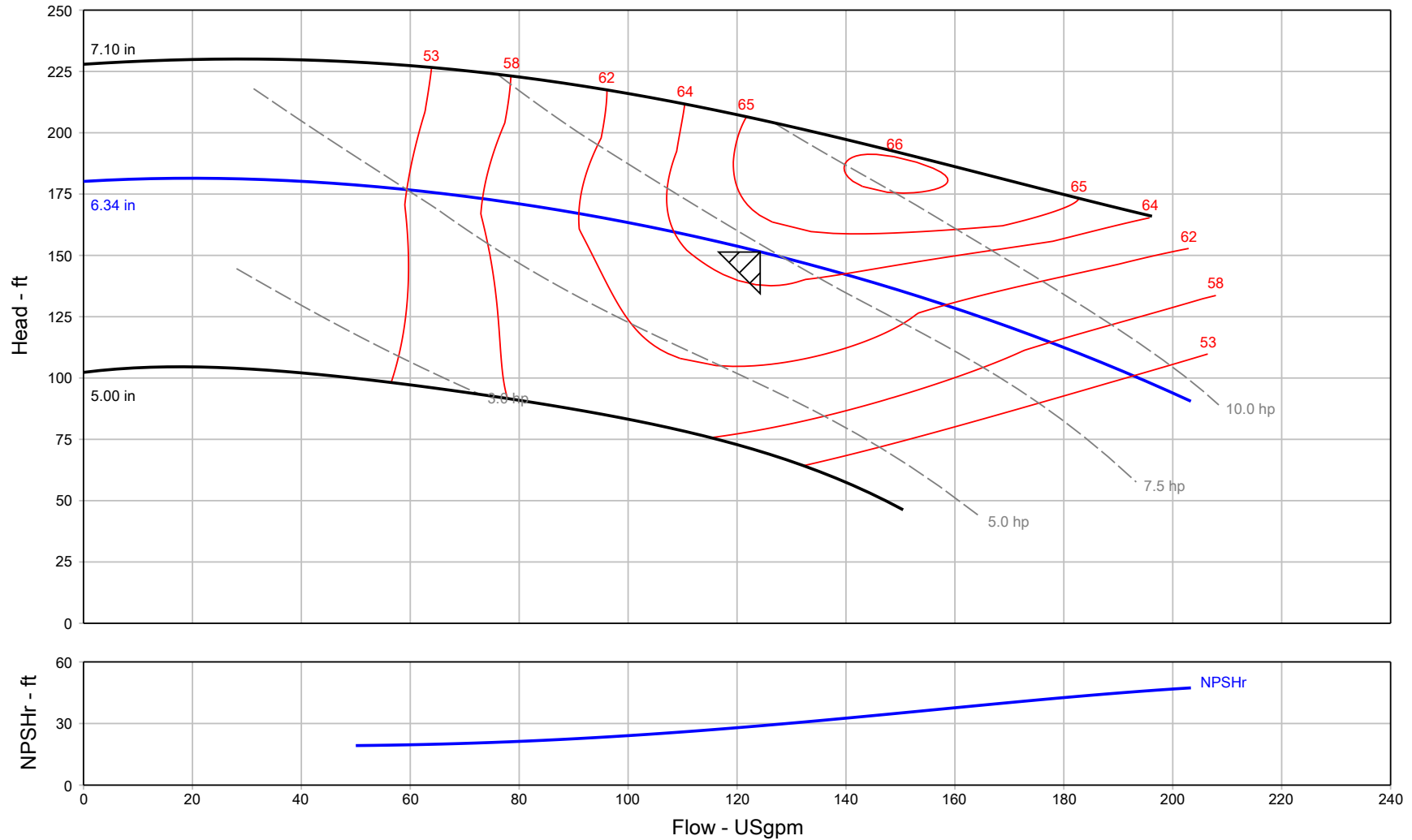
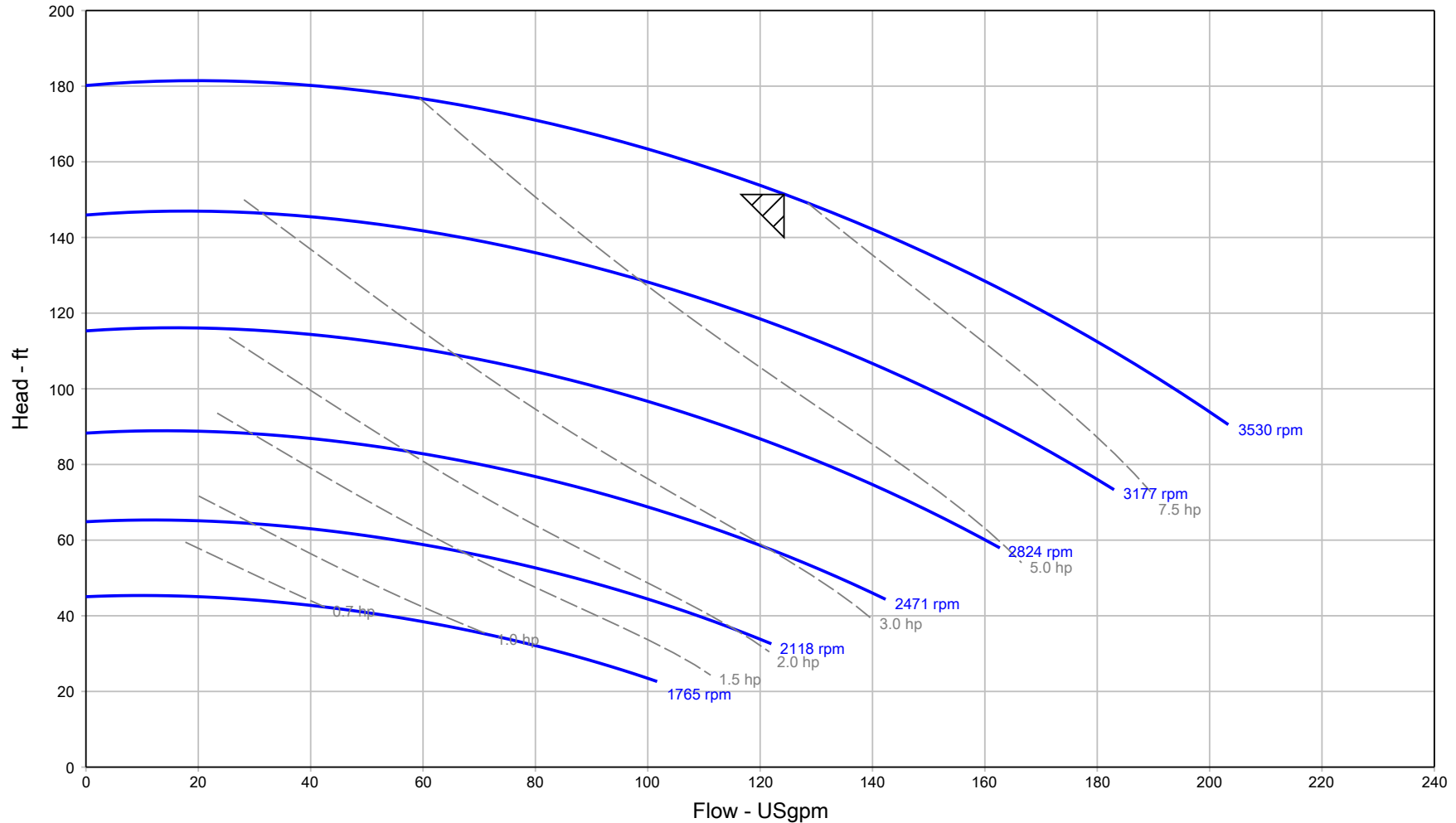


Pump Performance Curve



Project name :	Tag Number :	Flow, rated :
Consulting engineer :	Service :	Differential head / pressure, rated :
Customer :	Model :	Rated power (based on duty point) :
Customer ref. / PO :	Quantity :	Max power (non-overloading) :
Project Number / ID : 1109699	Quoted By (Sales Office) : PFC EQUIPMENT INC	Efficiency : 64.52 %
Date last saved : 02/04/2020 12:09 PM	Quoted By (Sales Engineer) : Corey Nath	Impeller diameter, rated : 6.34 in
Based on curve number : RC2275-1-SS Rev 1	Stages : 1	PEI (CL) : 0.87
	Speed, rated : 3530 rpm	ER (CL) : 13

Multi-Speed Performance Curve



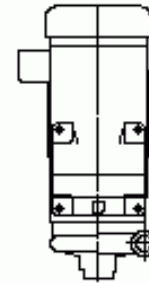
Project name	:	Tag Number	:	001	Speed, rated	:	3530 rpm
Consulting engineer	:	Service	:		Flow, rated	:	124.2 USgpm
Customer	:	Model	:	12709 LC	Differential head / pressure, rated	:	151.4 ft
Customer ref. / PO	:	Quantity	:	1	Fluid density, rated / max	:	1.000 / 1.000 SG
Project Number / ID	:	Quoted By (Sales Office)	:	PFC EQUIPMENT INC	Viscosity	:	1.00 cP
Date last saved	:	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	:	RC2275-1-SS Rev 1

Construction Datasheet

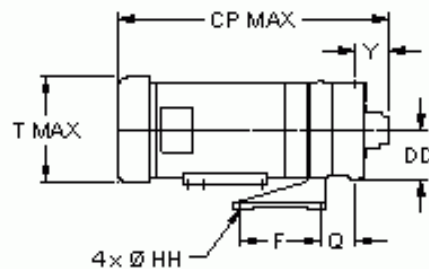
Project name	:		Tag Number	:	001
Consulting engineer	:		Service	:	
Customer	:	PFC EQUIPMENT INC	Model	:	12709 LC
Customer ref. / PO	:		Quantity	:	1
Quote Number / ID	:	1109699	Quoted By (Sales Office)	:	PFC EQUIPMENT INC
Date last saved	:	02/04/2020 12:09 PM	Quoted By (Sales Engineer)	:	Corey Nath
Construction			Motor Information		
Nozzle	Size (in.)	Nozzle Configuration	Pos'n	Manufacturer	: Baldor
Suction	1.5	NPS	End	Frame Size	: 215JM
Discharge	1.25	NPS	Top	Power	: 10.00 hp
Orientation / Configuration	:	Horizontal	RPM	:	3600 rpm
Rotation	:	Clockwise	Enclosure	:	TEFC
Wear Ring Configuration	:	Single - Case	Operating Power Supply	:	230/460/3/60
Discharge Elbow Size	:	-	Efficiency	:	Premium
Subplate	:	-	Service factor	:	1.15
Sump Depth (feet)	:	-	Motor Application	:	General Purpose
Bearing Frame	:	-	Motor Options/Accessories	:	-
Bearing Frame Foot	:	-	Cord Length (feet)	:	-
Bearing Type (Radial/Thrust)	:	In motor	Materials		
Bearing Lubrication	:	-	Case	:	Cast Iron, ASTM A48 - Class 30
Thrust Bearing	:	-	Motor Bracket	:	Cast Iron, ASTM-A48, CL 30
Intermediate Bearing	:	-	Impeller	:	Stainless Steel, AISI-304 (H304)
Lower Bearing	:	-	Impeller Cap Screw and Washer	:	Stainless Steel, AISI-303
Bearing Housing Accessories	:	-	Impeller Key	:	Stainless Steel, AISI 316
PACO Construction code	:	10-12709-130008-2781P	Case wear ring	:	Tin Bronze, ASTM B584-90500 (B18)
Baseplate, Coupling and Guard			Impeller wear ring	:	-
Baseplate	:	Not Applicable	Pump Shaft	:	Steel, AISI-1040
Drip Pan	:	-	Sleeve	:	Bronze, III932, C89835
Coupling	:	-	Line Shaft	:	-
Guard	:	Not Applicable	Column	:	-
Seal & Packing Construction			Discharge Pipe	:	-
Sealing Method	:	Single Seal, Type 21S	Discharge Elbow	:	-
Seal Material	:	Buna Carbon Ceramic SS-Spring and Hardware	Suction Elbow	:	-
Packing Gland	:	-	Subplate	:	-
Lantern Ring	:	-	Hardware	:	Steel, Grade 5
Recirculation Lines	:	None	O Rings	:	Buna N
Weights (Approx.)			Pump Coatings	:	Standard Manufacturer's Paint
Pump	:	25.00 lb			
Baseplate	:	-			
Driver	:	161.0 lb			
Estimated Shipping gross weight	:	186.0 lb			

General Arrangement

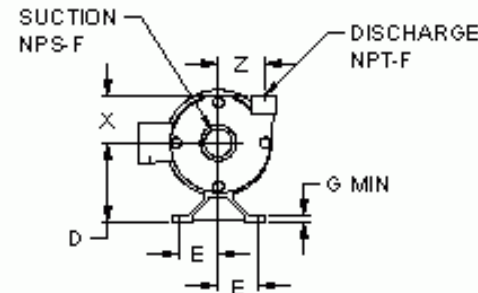
Project name	:	Tag Number	:	: 001
Consulting engineer	:	Service	:	:
Customer	:	Model	:	: 12709 LC
Customer ref. / PO	:	Quantity of pumps	:	: 1
Quote Number / ID	:	Quoted By (Sales Office)	:	: PFC EQUIPMENT INC
Date last saved	:	Quoted By (Sales Engineer)	:	: Corey Nath



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	1.5	1.25	25.00	7.50	4.75	3.75	7.50	0.63	0.44	3.25	9.56	4.50	3.31	4.31	186.0

Conditions of Service			Motor Data			
Flow: 124.2 USgpm	Fluid: Cold Water	HP: 10	Encl: TEFC	Phase: 3	Efficiency: Premium	
TDH: 151.4 ft	Temp.: 68.00 deg F	RPM: 3530 rpm	Hz: 60	Voltage: 230/460	S.F.: 1.15	