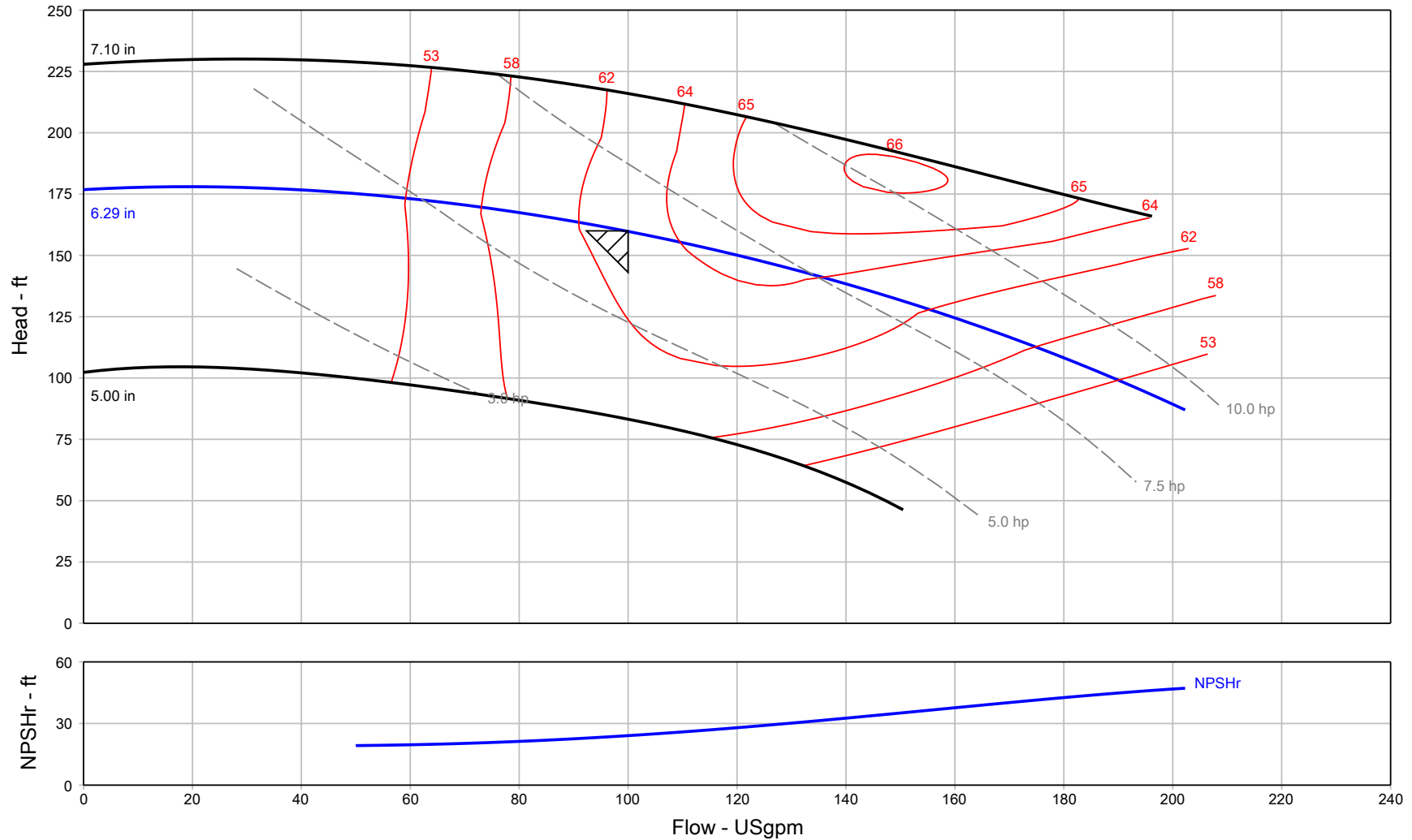
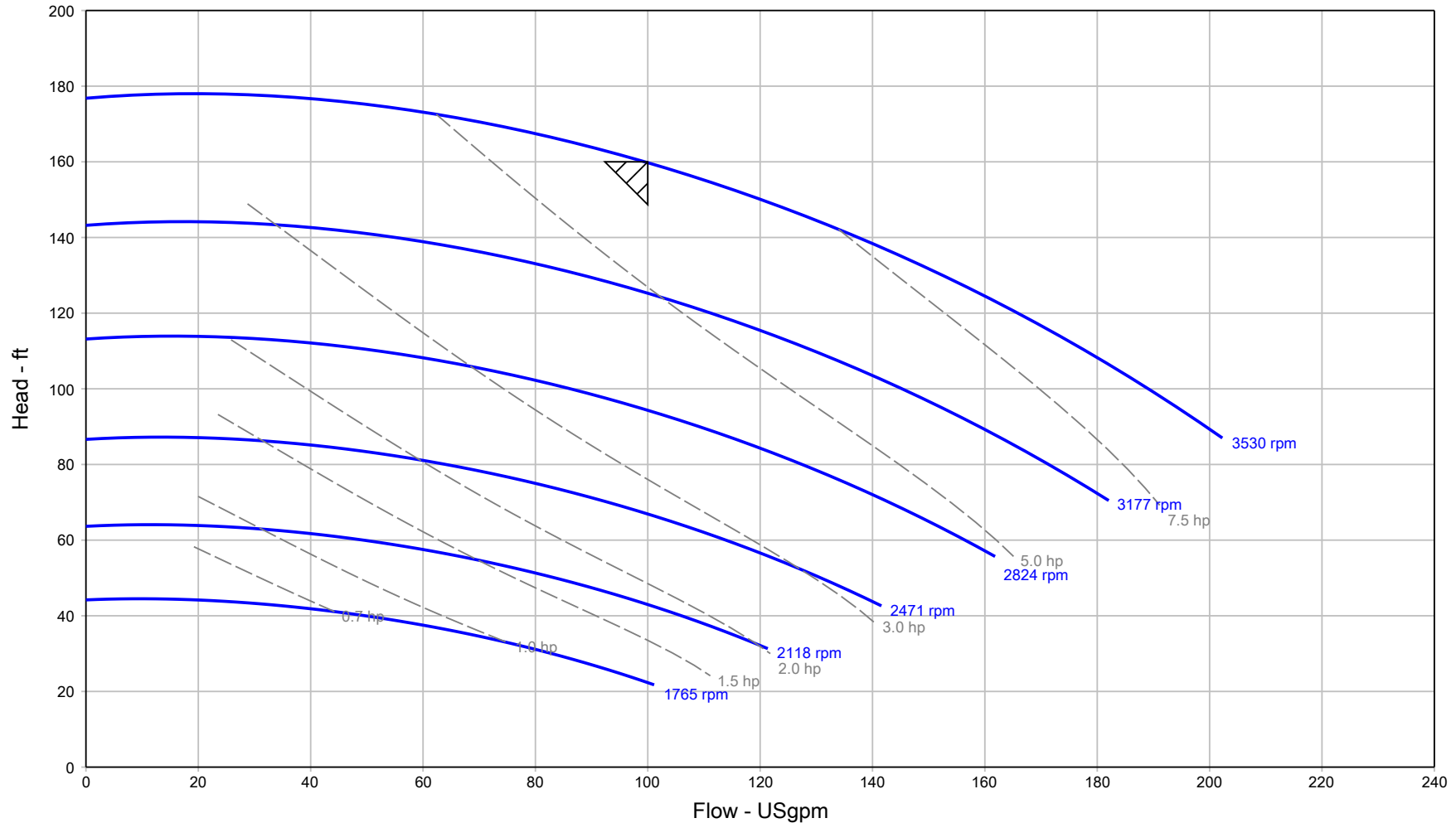


Pump Performance Curve



Project name	: Default	Tag Number	: 001	Flow, rated	: 100.0 USgpm
Consulting engineer	:	Service	:	Differential head / pressure, rated	: 160.0 ft
Customer	:	Model	: 12709 LF	Rated power (based on duty point)	: 6.38 hp
Customer ref. / PO	:	Quantity	: 1	Max power (non-overloading)	: 9.37 hp
Quote Number / ID	: 1075123	Quoted By (Sales Office)	: PFC EQUIPMENT INC	Efficiency	: 63.21 %
Date last saved	: 02/21/2020 4:19 PM	Quoted By (Sales Engineer)	: Corey Nath	Impeller diameter, rated	: 6.29 in
Based on curve number	: RC2275-1-SS Rev 1	Stages	: 1	PEI (CL)	: 0.88
		Speed, rated	: 3530 rpm	ER (CL)	: 12

Multi-Speed Performance Curve



Project name	: Default	Tag Number	: 001	Speed, rated	: 3530 rpm
Consulting engineer	:	Service	:	Flow, rated	: 100.0 USgpm
Customer	:	Model	: 12709 LF	Differential head / pressure, rated	: 160.0 ft
Customer ref. / PO	:	Quantity	: 1	Fluid density, rated / max	: 1.000 / 1.000 SG
Quote Number / ID	: 1075123	Quoted By (Sales Office)	: PFC EQUIPMENT INC	Viscosity	: 1.00 cP
Date last saved	: 02/21/2020 4:19 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	: RC2275-1-SS Rev 1

Construction Datasheet

Project name	: Default	Tag Number	: 001
Consulting engineer	:	Service	:
Customer	: PFC EQUIPMENT INC	Model	: 12709 LF
Customer ref. / PO	:	Quantity	: 1
Quote Number / ID	: 1075123	Quoted By (Sales Office)	: PFC EQUIPMENT INC
Date last saved	: 02/21/2020 4:19 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	: 215T
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	: 3P	Motor Options/Accessories	: -
Bearing Frame Foot	: -	Cord Length (feet)	: -

		Materials	
Bearing Type (Radial/Thrust)	: Ball/Ball	Case	: Cast Iron, ASTM A48 - Class 30
Bearing Lubrication	: Greased for life	Motor Bracket	: -
Thrust Bearing	: -	Impeller	: Stainless Steel, AISI-304 (H304)
Intermediate Bearing	: -	Impeller Cap Screw and Washer	: Stainless Steel, AISI-303
Lower Bearing	: -	Impeller Key	: Stainless Steel, AISI 316
Bearing Housing Accessories	: -	Case wear ring	: Tin Bronze, ASTM B584-90500 (B18)
PACO Construction code	: 11-12709-133P08-2781P	Impeller wear ring	: Not Applicable

Baseplate, Coupling and Guard	
Baseplate	: Welded Steel Fabrication
Drip Pan	: Drip Pan
Coupling	: Woods Sureflex Type S (elastomeric) 6S
Guard	: OSHA Approved

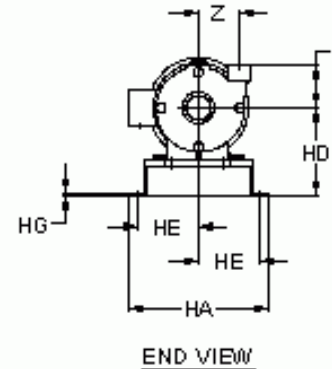
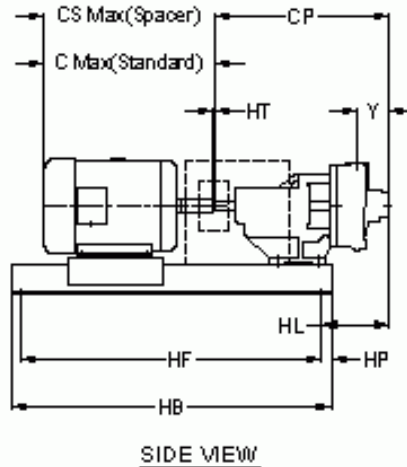
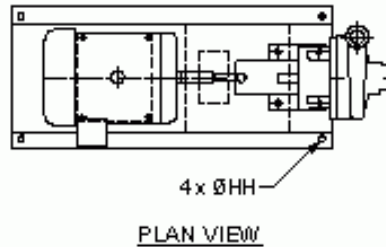
Seal & Packing Construction	
Sealing Method	: Single Seal, Type 21S
Seal Material	: Buna Carbon Ceramic SS-Spring and Hardware
Packing Gland	: -
Lantern Ring	: -
Recirculation Lines	: None

Weights (Approx.)	
Pump	: 65.00 lb
Baseplate	: 75.00 lb
Driver	: 154.0 lb
Estimated Shipping gross weight	: 294.0 lb

Pump Shaft	: Stressproof Steel, AISI 1144
Sleeve	: Bronze, III932, C89835
Line Shaft	: -
Column	: -
Discharge Pipe	: -
Discharge Elbow	: -
Suction Elbow	: -
Subplate	: -
Hardware	: Steel, Grade 5
O Rings	: Buna N
Pump Coatings	: Standard Manufacturer's Paint

General Arrangement

Project name	: Default	Tag Number	: 001
Consulting engineer	:	Service	:
Customer	: PFC EQUIPMENT INC	Model	: 12709 LF
Customer ref. / PO	:	Quantity of pumps	: 1
Quote Number / ID	: 1075123	Quoted By (Sales Office)	: PFC EQUIPMENT INC
Date last saved	: 02/21/2020 4:19 PM	Quoted By (Sales Engineer)	: Corey Nath



NOT FOR CONSTRUCTION, Unless certified and referenced on order

Units	Frame	Ped	Suct(in)	Disch(in)	C	CP	D	HA	HB	HD	HE	HF	HG	HH	HL	HP	HT	MU	N	Q	U	X	Y	Z	Weight ea
inches	215T	3P	1.5	1.25	22.00	18.40	6.25	15.00	30.63	9.38	6.50	28.63	0.25	0.63	6.84	1.00	0.44	1.38	2.25	4.00	0.88	4.50	3.28	4.31	294.0

Conditions of Service					Motor Data				
Flow: 100.0 USgpm	Fluid: Cold Water	HP: 10	Encl: TEFC	Phase: 3	Efficiency: Premium				
TDH: 160.0 ft	Temp.: 68.00 deg F	RPM: 3530 rpm	Hz: 60	Voltage: 230/460	S.F.: 1.15				