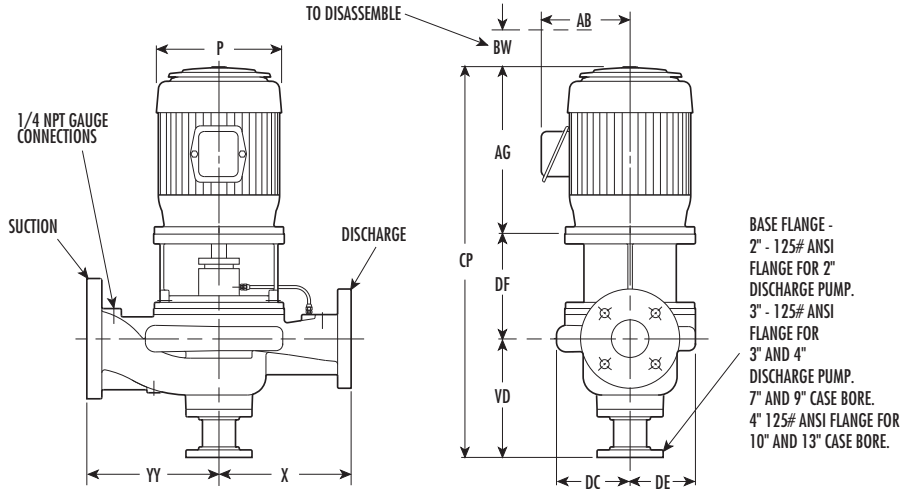


INLINE FIRE PUMP

Date **October, 2011**

Supersedes Section 911 Page 201

Dated Nov., 2005



NOTES:

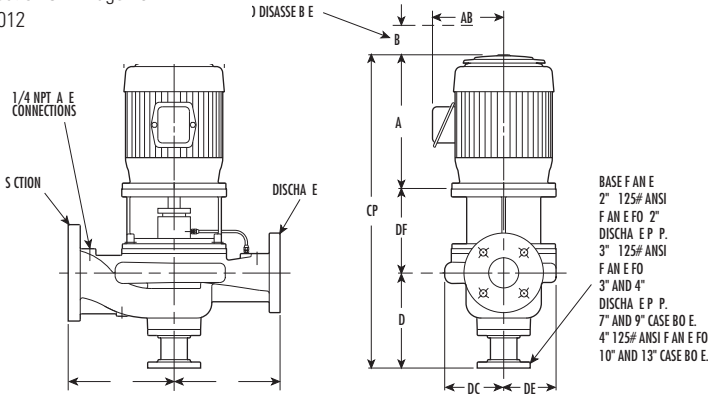
1. All dimensions in inches (mm).
2. Dimensions may vary $\pm 1/4$.
3. Not for construction purposes unless certified.
4. Suction and discharge flanges are 125# ANSI as standard. 250# suction and discharge or 125# suction/250# discharge available as option for 9 inch and 10 inch case bore pumps only.

Pump Model	Pump Size Disch. x Suct. x Case Bore	GPM Pump Rating	X	YY	BW (Min.)	VD	DF		DC	DE	Pump Wt. Lbs. (Kg) Approx.		
							184JP	213JP through 365JP			184JP	213JP through 256JP	284JP through 365JP
2" 1591CF	2 x 2 x 9	50, 100	9.5 (241)	9.5 (241)	4.5 (114)	9.25 (235)	7.81 (198)	8.63 (219)	5.75 (146)	6.25 (159)	117 (53.1)	130 (59)	-
3" 1591AF	3 x 3 x 7	100, 150, 200	9.5 (241)	9.5 (241)	4.5 (114)	10.25 (260)	8.0 (203)	8.81 (224)	5.19 (132)	6.13 (156)	140 (63.5)	153 (69.4)	159 (72.1)
3" 1591BF	3 x 3 x 7	250	9.5 (241)	9.5 (241)	4.5 (114)	10.25 (260)	-	8.81 (224)	5.19 (132)	6.13 (156)	-	153 (69.4)	159 (72.1)
3" 1591CF	3 x 4 x 7	250, 300	11 (279)	11 (279)	3.75 (95)	10.75 (273)	-	9.13 (232)	5.13 (130)	6.38 (162)	-	130 (59)	-
3" 1593F	3 x 4 x 9	250	11 (279)	11 (279)	4.5 (114)	9.88 (251)	8.25 (210)	8.88 (225)	5.75 (146)	6.5 (165)	178 (80.7)	191 (86.6)	196 (88.9)
3" 1592AF	3 x 3 x 9	150, 200	11 (279)	11 (279)	4.5 (114)	10.25 (260)	7.94 (202)	8.75 (222)	6 (152)	6.75 (171)	152 (68.9)	165 (74.8)	170 (77.1)
3" 1593BF	3 x 4 x 9	300	11 (279)	11 (279)	4.25 (108)	10.88 (276)	-	9.25 (235)	5.75 (146)	6.63 (168)	-	-	150 (68)
4" 1591BF	4 x 4 x 7	300, 400, 450, 500	11 (279)	11 (279)	4.5 (114)	11.25 (286)	-	9.31 (237)	5.56 (141)	7.31 (186)	-	191 (86.6)	197 (89.4)
4" 1591CF	4 x 4 x 7	400, 450, 500	11 (279)	11 (279)	4.5 (114)	11.25 (286)	-	9.63 (244)	5.5 (140)	7.38 (187)	-	-	175 (79.4)

ODP Frame	AG Approx.	P	AB Approx.	Motor Wt. Lbs. (Kg)	CP							
					2" 1591CF	3" 1591AF 3" 1591BF*	3" 1591CF	3" 1593F	3" 1592AF	3" 1593BF	4" 1591BF	4" 1591CF
184JP	15 (381)	10.38 (264)	7 (178)	95 (43.1)	32.13 (816)	28.63 (727)	-	33.13 (841)	33.25 (845)	-	-	-
213JP	17 (432)	12.25 (311)	7.63 (194)	135 (61.2)	35 (889)	36 (914)	-	35.75 (908)	36 (914)	-	-	-
215JP	17 (432)	12.25 (311)	7.63 (194)	155 (70.3)	35 (889)	36 (914)	-	35.75 (908)	36 (914)	-	37.75 (959)	-
254JP	21 (533)	13 (330)	8.88 (225)	195 (88.5)	39 (991)	40 (1016)	37.88 (962)	39.75 (1010)	40 (1016)	-	41.63 (1057)	-
256JP	21 (533)	13 (330)	9.25 (235)	256 (116.1)	39 (991)	-	37.88 (962)	39.75 (1010)	40 (1016)	-	41.63 (1057)	-
284JP	22 (559)	15.75 (400)	11.38 (289)	271 (122.9)	-	-	-	40.75 (1035)	41 (1041)	38.13 (968)	42.63 (1083)	38.88 (987)
286JP	22 (559)	15.75 (400)	11.38 (289)	320 (145.1)	-	-	-	40.75 (1035)	41 (1041)	38.13 (968)	42.63 (1083)	38.88 (987)
324JP	24 (610)	17.75 (451)	13.25 (337)	420 (190.5)	-	-	-	-	43 (1092)	-	-	-

* Not available with 184JP frame.





NOTES:

1. All dimensions in inches (mm).
2. Dimensions may vary $\pm 1/4$.
3. Not for construction purposes unless certified.
4. Suction and discharge flanges are 125# ANSI as standard. 250# suction and discharge or 125# suction/250# discharge available as option for 9 inch and 10 inch case bore pumps only.

Pump Model	Pump Size Disch x Suct x Case Bore	GPM Pump Rating	X	YY	BW (Min.)	VD	DF				DC	DE	Pump Wt. Lbs. (Kg) Approx.				
							184JP	213JP through 365JP	364HP through 445HP	405 TCZ through 445 TCZ			184JP	213JP through 256JP	284JP through 365JP	364HP through 445HP	405 TCZ through 445 TCZ
4" 1592F	4 x 5 x 9	300, 400, 450	11 (279)	11 (279)	4.5 (114)	11 (279)	8.38 (213)	9 (229)	-	-	6 (152)	7.13 (181)	214 (97.3)	227 (103)	232 (105.2)	-	-
4" 1593BF	4 x 5 x 9	300, 400, 450, 500	11 (279)	11 (279)	4.5 (114)	11 (279)	8.38 (213)	9 (229)	-	-	6 (152)	7.13 (181)	214 (97.3)	227 (103)	232 (105.2)	-	-
4" 1593CF	4 x 5 x 9	500	11 (279)	11 (279)	4.5 (114)	11 (279)	-	9 (229)	-	-	6 (152)	7.13 (181)	-	-	232 (105.2)	-	-
4" 1594F	4 x 6 x 10	400, 450, 500	14 (356)	14 (356)	5 (127)	13.06 (332)	-	9.06 (230)	-	-	7 (178)	8.5 (216)	-	-	351 (159.2)	-	-
4" 1594BF	4 x 6 x 10	750	14 (356)	14 (356)	5 (127)	13.06 (332)	-	9.06 (230)	-	-	7 (178)	8.5 (216)	-	-	351 (159.2)	-	-
4" 1593F	4 x 6 x 13	750	16 (406)	16 (406)	5.38 (137)	13.81 (351)	-	9.19 (233)	-	-	9 (229)	10.5 (267)	-	-	421 (191)	-	-
8" 1593F	8 x 8 x 15	1000, 1250, 1500	22.5 (572)	22.5 (572)	12.91 (328)	12.13 (308)	-	-	19 (483)	-	10.38 (263)	12.94 (329)	-	-	-	812 (368)	-
8" 1595F	8 x 8 x 18	1000, 1250	25 (635)	22.5 (572)	8.06 (205)	18.88 (479)	-	-	-	10.75 (273)	11.75 (298)	14.38 (365)	-	-	-	-	1020 (463)
8" 1595AF	8 x 8 x 18	1500	25 (635)	22.5 (572)	8.06 (205)	18.88 (479)	-	-	-	10.75 (273)	11.75 (298)	14.38 (365)	-	-	-	-	1020 (463)

ODP Frame	AG Approx.	P	AB Approx.	Motor Wt. Lbs. (Kg)	CP				
					4"-1592F 4"-1593BF* 4"-1593CF*	4"-1594F 4"-1594BF	4"-1593F	8" 1593F	8" 1595F 8" 1595AF
184JP	15 (381)	10.38 (264)	7 (178)	95 (43)	34.38 (873)	-	-	-	-
213JP	17 (432)	12.25 (311)	7.63 (194)	135 (61)	37 (940)	-	-	-	-
215JP	17 (432)	12.25 (311)	7.63 (194)	155 (70)	37 (940)	-	-	-	-
254JP	21 (533)	13 (330)	8.88 (225)	195 (89)	41 (1041)	-	-	-	-
256JP	21 (533)	13 (330)	9.25 (235)	256 (116)	41 (1041)	-	-	-	-
284JP	22 (559)	15.75 (400)	11.38 (289)	271 (123)	42 (1067)	-	-	-	-
286JP	22 (559)	15.75 (400)	11.38 (289)	320 (145)	42 (1067)	44.13 (1121)	-	-	-
324JP	24 (610)	17.75 (451)	13.25 (337)	420 (191)	44 (1118)	46.13 (1172)	46.25 (1175)	-	-
326JP	24 (610)	17.75 (451)	13.25 (337)	460 (209)	44 (1118)	46.13 (1172)	46.25 (1175)	-	-
364JP	26 (660)	20 (508)	16 (406)	600 (272)	-	48.13 (1222)	48.25 (1226)	-	-
365JP	26 (660)	20 (508)	16 (406)	750 (340)	-	48.13 (1222)	48.25 (1226)	-	-
364HP	25 (635)	21 (534)	16 (406)	870 (395)	-	-	-	56.13 (1426)	-
365HP	25 (635)	21 (534)	16 (406)	940 (426)	-	-	-	56.13 (1426)	-
404HP	28 (711)	22 (559)	16.5 (419)	1091 (495)	-	-	-	59.13 (1502)	-
405HP	28 (711)	22 (559)	16.5 (419)	1273 (577)	-	-	-	59.13 (1502)	-
444HP	32 (813)	24 (610)	19.13 (486)	1290 (585)	-	-	-	63.13 (1604)	-
445HP	32 (813)	24 (610)	19.13 (486)	1440 (653)	-	-	-	63.13 (1604)	-
405 TCZ	31.75 (806)	20.38 (518)	16.5 (419)	1387 (629)	-	-	-	-	61 (1549)
444 TCZ	34.38 (873)	23.5 (597)	19.13 (486)	1409 (639)	-	-	-	-	63.25 (1607)
445 TCZ	34.38 (873)	23.5 (597)	19.13 (486)	1496 (679)	-	-	-	-	63.25 (1607)

* Not available with 184JP frame.

FIRE PUMP ACCESSORIES

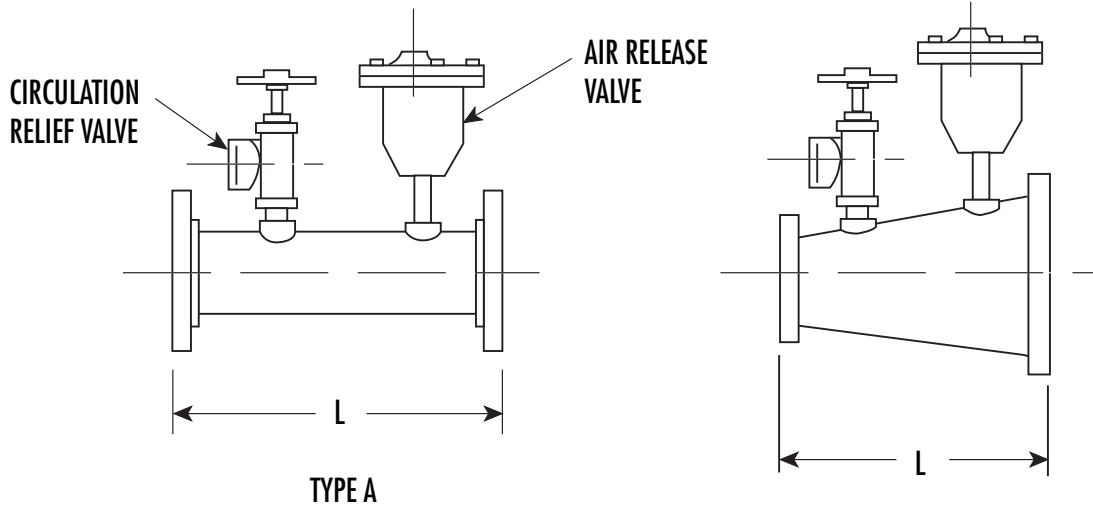
Date **February, 2013**

DISCHARGE FITTINGS

Supersedes Section 911 Page 203

Dated October, 2011

**DISCHARGE FITTINGS FOR
INSTALLATION OF VALVES**



TYPE A

TYPE B

Pump Size	Flow Rating	Fitting Type	Fitting Size	Discharge Fitting Only					
				150# Flanges			300# Flanges		
				Opt. No.	L	Wt. (Lb.)	Opt. No.	L	Wt. (Lb.)
3 x 3 x 7A	100	A	3 x 3	74BA	14	25	N/A	N/A	N/A
3 x 3 x 7B	150								
3 x 3 x 7C	200	B	3 x 4	74BP	10	32	N/A	N/A	N/A
3 x 4 x 7C	250								
3 x 4 x 7C	300	A	4 x 4	74BB	16	39	N/A	N/A	N/A
3 x 4 x 9B	300								
4 x 4 x 7B	300	B	4 x 5	74BC	11.75	42	N/A	N/A	N/A
4 x 4 x 7C	400								
4 x 4 x 7C	400	A	2 x 2	74BD	14	14	74BJ	14	14
4 x 4 x 7B	450								
4 x 4 x 7C	500	A	3 x 3	74BA	14	25	74BK	14	35
4 x 4 x 7C	450								
4 x 4 x 7C	500	A	4 x 4	74BB	16	39	74BL	16	57
2 x 2 x 9C	50								
3 x 3 x 9A	100	B	4 x 5	74BC	11.75	45	74BM	12.5	65
3 x 3 x 9A	150								
3 x 3 x 9	200	B	4 x 6	74BH	12.25	52	74BN	13	82
3 x 3 x 9	250								
4 x 4 x 9	300	B	4 x 6	74BH	12.25	52	74BN	18.725	82
4 x 4 x 9B	400								
4 x 4 x 9B	400	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4 x 6 x 10	400								
4 x 6 x 10	450	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4 x 5 x 9B	300								
4 x 5 x 9C	400	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4 x 6 x 10	400								
4 x 6 x 10B	750	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4 x 6 x 13	750								
8 x 8 x 18/18A	1000	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	1250								
	1500								

NOTES:

1. All dimensions in inches and may vary by 3/8".
2. Flanges are ANSI Class 150 or Class 300 steel.

N/A – Not Applicable

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Vertical Inline Fire Pump
60 Hz Electric Motor Driven

Date **March 28, 2014**

Supersedes Section 911 Page 301
Dated May 10, 2013

Electric Driven									
Flow	Pressure		Required Motor HP Rating			Pump Size and Model	Motor Frame	Unit Weight	Single Phase Applicable
	(psi)	(TDH)	UL Listed and FM Approved	Speed (rpm)	Horsepower (Bhp)				
50 GPM	75	173	10*	3500	8.6	2"-1591CF	213JP	275	Yes
	80	185	10*	3500	9.2	2"-1591CF	213JP	275	Yes
	85	196	10*	3500	9.5	2"-1591CF	213JP	275	Yes
	90	208	10*	3500	10.2	2"-1591CF	213JP	275	Yes
	95	219	10*	3500	10.6	2"-1591CF	213JP	275	Yes
	100	231	15	3500	11.4	2"-1591CF	215JP	303	Yes
	105	243	15	3500	12.2	2"-1591CF	215JP	303	Yes
	110	254	15	3500	13.4	2"-1591CF	215JP	303	Yes
	115	266	15	3500	15.9	2"-1591CF	215JP	303	No
	120	277	15	3500	16.4	2"-1591CF	215JP	303	No
	125	289	20	3500	17.5	2"-1591CF	254JP	357	No
	130	300	20	3500	20.2	2"-1591CF	254JP	357	No
	135	312	20	3500	22.2	2"-1591CF	254JP	357	No
	140	323	25	3500	23.2	2"-1591CF	256JP	387	No
	145	335	25	3500	24.0	2"-1591CF	256JP	387	No
150	347	25	3500	25.0	2"-1591CF	256JP	387	No	
155	358	25	3500	27.0	2"-1591CF	256JP	387	No	

For further details on pump performance, please contact your local Fairbanks Nijhuis fire pump distributor.

Date March 28, 2014

Vertical Inline Fire Pump

Supersedes Section 911 Page 302
Dated May 10, 2013

60 Hz Electric Motor Driven

Electric Driven									
Flow	Pressure		Required Motor HP Rating			Pump Size and Model	Motor Frame	Unit Weight	Single Phase Applicable
	(psi)	(TDH)	UL Listed and FM Approved	Speed (rpm)	Horsepower (Bhp)				
100 GPM	43	99	7.5*	3500	7.0	3"-1591AF	184JP	246	Yes
	50	116	7.5*	3500	8.0	3"-1591AF	184JP	246	Yes
	55	127	7.5*	3500	8.6	3"-1591AF	184JP	246	Yes
	60	139	10*	3500	9.8	3"-1591AF	213JP	285	Yes
	65	150	10*	3500	10.9	3"-1591AF	213JP	285	Yes
	70	162	10*	3500	8.6	2"-1591CF	213JP	275	Yes
	75	173	10*	3500	9.5	2"-1591CF	213JP	275	Yes
	80	185	10*	3500	10.5	2"-1591CF	213JP	275	Yes
	85	196	10*	3500	11.0	2"-1591CF	213JP	275	Yes
	90	208	10*	3500	11.5	2"-1591CF	213JP	275	Yes
	95	219	15	3500	13.0	2"-1591CF	215JP	303	Yes
	100	231	15	3500	14.0	2"-1591CF	215JP	303	Yes
	105	243	15	3500	15.5	2"-1591CF	215JP	303	No
	110	254	15	3500	15.6	2"-1591CF	215JP	303	No
	115	266	15	3500	16.4	2"-1591CF	215JP	303	No
	120	277	20	3500	18.0	2"-1591CF	254JP	357	No
	125	289	20	3500	20.2	2"-1591CF	254JP	357	No
	130	300	20	3500	22.2	2"-1591CF	254JP	357	No
135	312	25	3500	24	2"-1591CF	256JP	387	No	
140	323	25	3500	24.8	2"-1591CF	256JP	387	No	
145	335	25	3500	26.7	2"-1591CF	256JP	387	No	
150	347	25	3500	28.0	2"-1591CF	256JP	387	No	

For further details on pump performance, please contact your local Fairbanks Nijhuis fire pump distributor.

Vertical Inline Fire Pump
60 Hz Electric Motor Driven

Date March 28, 2014

Supersedes Section 911 Page 303
Dated May 10, 2013

Electric Driven									
Flow	Pressure		Required Motor HP Rating			Pump Size and Model	Motor Frame	Unit Weight	Single Phase Applicable
	(psi)	(TDH)	UL Listed and FM Approved	Speed (rpm)	Horsepower (Bhp)				
150 GPM	41	95	7.5*	3500	7.0	3"-1591AF	184JP	246	Yes
	43	99	10*	3500	8.7	3"-1591CF	213JP	285	Yes
	45	104	7.5*	3500	8.0	3"-1591AF	184JP	246	Yes
			10*	3500	9.3	3"-1591CF	213JP	285	Yes
	50	116	7.5*	3500	8.5	3"-1591AF	184JP	246	Yes
			10*	3500	10.9	3"-1591CF	213JP	285	Yes
	55	127	10*	3500	9.7	3"-1591AF	213JP	285	Yes
			15	3500	12.2	3"-1591CF	215JP	328	Yes
	60	139	10*	3500	10.5	3"-1591AF	213JP	285	Yes
			15	3500	12.1	3"-1592AF	215JP	328	Yes
			15	3500	13.5	3"-1591CF	215JP	328	Yes
	65	150	15	3500	13.2	3"-1592AF	215JP	328	Yes
			15	3500	14.7	3"-1591CF	215JP	328	Yes
	70	162	15	3500	14.4	3"-1592AF	215JP	328	Yes
			15	3500	16.0	3"-1591CF	215JP	328	No
	75	173	15	3500	16.2	3"-1592AF	215JP	328	No
			20	3500	17.3	3"-1591CF	254JP	382	No
	80	185	15	3500	17.0	3"-1592AF	215JP	328	No
	83	192	20	3500	19.0	3"-1593BF	254JP	382	No
	85	196	20	3500	18.5	3"-1592AF	254JP	382	No
			20	3500	19.7	3"-1593BF	254JP	382	No
	90	208	20	3500	19.8	3"-1592AF	254JP	382	No
			20	3500	20.9	3"-1593BF	254JP	382	No
	95	219	20	3500	21.4	3"-1592AF	254JP	382	No
			20	3500	22.2	3"-1593BF	254JP	382	No
	100	231	20	3500	22.2	3"-1592AF	254JP	382	No
			25	3500	23.5	3"-1593BF	256JP	412	No
	105	243	25	3500	23.8	3"-1592AF	256JP	412	No
			25	3500	24.6	3"-1593BF	256JP	412	No
	110	254	25	3500	25.3	3"-1592AF	256JP	412	No
25			3500	25.7	3"-1593BF	256JP	412	No	
115	266	25	3500	26.9	3"-1592AF	256JP	412	No	
		25	3500	26.8	3"-1593BF	256JP	412	No	
120	277	25	3500	28.0	3"-1592AF	256JP	412	No	
		25	3500	27.9	3"-1593BF	256JP	412	No	
125	289	30	3500	29.0	3"-1592AF	284JP	446	No	
		30	3500	29.0	3"-1593BF	284JP	446	No	
130	300	30	3500	29.9	3"-1592AF	284JP	446	No	
		30	3500	30.1	3"-1593BF	284JP	446	No	
135	312	30	3500	30.9	3"-1592AF	284JP	446	No	
		30	3500	31.2	3"-1593BF	284JP	446	No	
140	323	30	3500	31.9	3"-1592AF	284JP	446	No	
		30	3500	32.3	3"-1593BF	284JP	446	No	
141	326	30	3500	32.6	3"-1593BF	284JP	446	No	
145	335	30	3500	32.8	3"-1592AF	284JP	446	No	
150	347	30	3500	33.7	3"-1592AF	284JP	446	No	
155	358	40	3500	34.7	3"-1592AF	286JP	514	No	
160	370	50	3500	35.6	3"-1592AF	286JP	514	No	

For further details on pump performance, please contact your local Fairbanks Nijhuis fire pump distributor.

Vertical Inline Fire Pump
60 Hz Electric Motor Driven

Electric Driven									
Flow	Pressure		Required Motor HP Rating			Pump Size and Model	Motor Frame	Unit Weight	Single Phase Applicable
	(psi)	(TDH)	UL Listed and FM Approved	Speed (rpm)	Horsepower (Bhp)				
200 GPM	40	92	7.5*	3500	7.6	3"-1591AF	184JP	246	Yes
			10*	3500	8.8	3"-1591CF	213JP	246	Yes
	45	104	10*	3500	8.9	3"-1591AF	213JP	285	Yes
			10*	3500	10.4	3"-1591CF	213JP	285	Yes
	50	116	10*	3500	10.3	3"-1591AF	213JP	285	Yes
			15	3500	12.2	3"-1591CF	215JP	328	Yes
	55	127	15*	3500	11.6	3"-1591AF	215JP	328	Yes
			15	3500	13.5	3"-1591CF	215JP	328	Yes
	56	129	15	3500	12.2	3"-1592AF	215JP	328	Yes
	60	139	15	3500	13.5	3"-1592AF	215JP	328	Yes
			15	3500	15.0	3"-1591CF	215JP	328	Yes
	65	150	15	3500	15.1	3"-1592AF	215JP	328	No
			15	3500	16.4	3"-1591CF	215JP	328	No
	70	162	15	3500	16.9	3"-1592AF	215JP	328	No
			20	3500	17.9	3"-1591CF	254JP	382	No
	74	171	20	3500	19.1	3"-1591CF	254JP	382	No
	75	173	20	3500	18.6	3"-1592AF	254JP	382	No
	80	185	20	3500	20.0	3"-1592AF	254JP	382	No
			20	3500	20.6	3"-1593BF	254JP	382	No
	85	196	20	3500	21.0	3"-1592AF	254JP	382	No
			20	3500	22.2	3"-1593BF	254JP	382	No
	90	208	20	3500	22.5	3"-1592AF	254JP	382	No
			25	3500	23.7	3"-1593BF	256JP	412	No
	95	219	25	3500	24.1	3"-1592AF	256JP	412	No
			25	3500	25.1	3"-1593BF	256JP	412	No
	100	231	25	3500	25.6	3"-1592AF	256JP	412	No
			25	3500	26.5	3"-1593BF	256JP	412	No
	105	243	25	3500	27.3	3"-1592AF	256JP	412	No
			25	3500	27.8	3"-1593BF	256JP	412	No
	110	254	30	3500	29.0	3"-1592AF	284JP	446	No
30			3500	29.1	3"-1593BF	284JP	446	No	
115	266	30	3500	30.8	3"-1592AF	284JP	446	No	
		30	3500	30.4	3"-1593BF	284JP	446	No	
120	277	30	3500	32.5	3"-1592AF	284JP	446	No	
		30	3500	31.7	3"-1593BF	284JP	446	No	
125	289	30	3500	34.3	3"-1592AF	284JP	446	No	
		30	3500	33.0	3"-1593BF	284JP	446	No	
130	300	40	3500	36.2	3"-1592AF	286JP	514	No	
		30	3500	34.3	3"-1593BF	284JP	446	No	
135	312	40	3500	38.1	3"-1592AF	286JP	514	No	
		40	3500	35.6	3"-1593BF	286JP	514	No	
139	321	40	3500	36.6	3"-1593BF	286JP	514	No	
140	323	40	3500	40.0	3"-1592AF	286JP	514	No	
145	335	40	3500	41.9	3"-1592AF	286JP	514	No	
150	347	40	3500	43.9	3"-1592AF	286JP	514	No	
155	358	40	3500	46.0	3"-1592AF	286JP	514	No	
159	367	50	3500	47.6	3"-1592AF	324JP	566	No	

For further details on pump performance, please contact your local Fairbanks Nijhuis fire pump distributor.

Vertical Inline Fire Pump
60 Hz Electric Motor Driven

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Electric Driven									
Flow	Pressure		Required Motor HP Rating			Pump Size and Model	Motor Frame	Unit Weight	Single Phase Applicable
	(psi)	(TDH)	UL Listed and FM Approved	Speed (rpm)	Horsepower (Bhp)				
250 GPM	40	92	10*	3500	11.5	3"-1591BF	213JP	313	Yes
	45	104	15	3500	13.0	3"-1591BF	215JP	313	Yes
	46	106	15	3500	12.0	3"-1591CF	215JP	313	Yes
	50	116	15	3500	14.0	3"-1591BF	215JP	313	Yes
			15	3500	13.4	3"-1591CF	215JP	313	Yes
	55	127	15	3500	15.0	3"-1591BF	215JP	313	No
			15	3500	14.9	3"-1591CF	215JP	313	No
	60	139	15	3500	17.0	3"-1591BF	215JP	313	No
			15	3500	16.5	3"-1591CF	215JP	313	No
	65	150	20	3500	19.0	3"-1591BF	254JP	367	No
			20	3500	18.1	3"-1591CF	254JP	367	No
	70	162	15	3500	17.0	3"-1593F	215JP	345	No
			20	3500	19.7	3"-1591CF	254JP	367	No
	72	166	20	3500	20.4	3"-1591CF	254JP	367	No
	74	171	20	3500	20.8	3"-1593BF	254JP	382	No
	75	173	20	3500	19.0	3"-1593F	254JP	412	No
			20	3500	21.3	3"-1593BF	254JP	382	No
	80	185	20	3500	21.0	3"-1593F	254JP	412	No
			25	3500	23.4	3"-1593BF	256JP	412	No
	85	196	20	3500	22.0	3"-1593F	254JP	412	No
			25	3500	24.9	3"-1593BF	256JP	412	No
	90	208	25	3500	24.0	3"-1593F	256JP	442	No
			25	3500	26.5	3"-1593BF	256JP	412	No
	95	219	25	3500	25.4	3"-1593F	256JP	442	No
			25	3500	28.2	3"-1593BF	256JP	412	No
	100	231	25	3500	28.0	3"-1593F	256JP	442	No
			30	3500	29.7	3"-1593BF	284JP	446	No
	105	243	30	3500	29.6	3"-1593F	284JP	476	No
30			3500	31.1	3"-1593BF	284JP	446	No	
110	254	30	3500	31.0	3"-1593F	284JP	476	No	
		30	3500	32.6	3"-1593BF	284JP	446	No	
115	266	30	3500	33.9	3"-1593F	284JP	476	No	
		30	3500	34.0	3"-1593BF	284JP	446	No	
120	277	40	3500	36.8	3"-1593F	286JP	544	No	
		40	3500	35.5	3"-1593BF	286JP	514	No	
125	289	40	3500	40.2	3"-1593F	286JP	544	No	
		40	3500	37.0	3"-1593BF	286JP	514	No	
130	300	40	3500	42.3	3"-1593F	286JP	544	No	
		40	3500	38.5	3"-1593BF	286JP	514	No	
135	312	40	3500	45.4	3"-1593F	286JP	544	No	
		40	3500	40.0	3"-1593BF	286JP	514	No	
137	316	40	3500	40.6	3"-1593BF	286JP	514	No	
138	319	50	3500	47.0	3"-1593F	324JP	595	No	

For further details on pump performance, please contact your local Fairbanks Nijhuis fire pump distributor.

Vertical Inline Fire Pump

60 Hz Electric Motor Driven

Electric Driven									
Flow	Pressure		Required Motor HP Rating			Pump Size and Model	Motor Frame	Unit Weight	Single Phase Applicable
	(psi)	(TDH)	UL Listed and FM Approved	Speed (rpm)	Horsepower (Bhp)				
300 GPM	41	95	10*	3500	11.2	3"-1591CF	213JP	285	No
	42	97	15	3500	17.0	4"-1591BF	215JP	346	No
	45	104	20	3500	19.0	4"-1591BF	254JP	386	No
			15	3500	12.9	3"-1591CF	215JP	346	No
	50	116	20	3500	21.9	4"-1591BF	254JP	386	No
			15	3500	14.5	3"-1591CF	215JP	346	No
	55	127	20	3500	23.0	4"-1591BF	254JP	386	No
			15	3500	16.2	3"-1591CF	215JP	346	No
	60	139	25	3500	25.8	4"-1591BF	256JP	447	No
			20	3500	18.0	3"-1591CF	254JP	386	No
	65	150	25	3500	28.7	4"-1591BF	256JP	447	No
			20	3500	19.7	3"-1591CF	254JP	386	No
	70	162	30	3500	29.6	4"-1591BF	284JP	468	No
			20	3500	21.6	3"-1591CF	254JP	386	No
			20	3500	21.7	3"-1593BF	254JP	382	No
	72	166	20	3500	22.1	3"-1593BF	254JP	382	No
	73	169	30	3500	33.5	4"-1591BF	284JP	468	No
	74	171	25	3500	26.0	4"-1593BF	256JP	472	No
	75	173	25	3500	24.1	3"-1593BF	256JP	412	No
	80	185	25	3500	27.5	4"-1593BF	256JP	472	No
			25	3500	25.9	3"-1593BF	256JP	412	No
	85	196	25	3500	28.7	4"-1593BF	256JP	472	No
			25	3500	27.7	3"-1593BF	256JP	412	No
	90	208	30	3500	32.0	4"-1593BF	284JP	506	No
			30	3500	29.5	3"-1593BF	284JP	446	No
	95	219	30	3500	33.5	4"-1592F	284JP	506	No
			30	3500	31.2	3"-1593BF	284JP	446	No
	100	231	40	3500	37.0	4"-1592F	286JP	574	No
30			3500	32.8	3"-1593BF	284JP	446	No	
105	243	40	3500	40.0	4"-1592F	286JP	574	No	
		30	3500	34.4	3"-1593BF	284JP	446	No	
110	254	40	3500	43.9	4"-1592F	286JP	574	No	
		40	3500	36.1	3"-1593BF	286JP	514	No	
115	266	40	3500	46.0	4"-1592F	286JP	574	No	
		40	3500	37.7	3"-1593BF	286JP	514	No	
120	277	50	3500	49.0	4"-1592F	324JP	625	No	
		40	3500	39.3	3"-1593BF	286JP	514	No	
125	289	50	3500	54.2	4"-1592F	324JP	625	No	
		40	3500	41.0	3"-1593BF	286JP	514	No	
130	300	60	3500	60.4	4"-1592F	326JP	700	No	
		40	3500	42.7	3"-1593BF	286JP	514	No	
134	310	40	3500	44.0	3"-1593BF	286JP	514	No	
135	312	60	3500	65.0	4"-1592F	326JP	700	No	
139	321	60	3500	68.0	4"-1592F	326JP	700	No	

For further details on pump performance, please contact your local Fairbanks Nijhuis fire pump distributor.

Vertical Inline Fire Pump
60 Hz Electric Motor Driven

Date **March 28, 2014**

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Electric Driven									
Flow	Pressure		Required Motor HP Rating			Pump Size and Model	Motor Frame	Unit Weight	Single Phase Applicable
	(psi)	(TDH)	UL Listed and FM Approved	Speed (rpm)	Horsepower (Bhp)				
400 GPM	40	92	15	3500	16.7	4"-1591CF	215JP	376	No
	45	104	20	3500	19.5	4"-1591CF	254JP	416	No
	50	116	20	3500	21.0	4"-1591BF	254JP	416	No
			20	3500	22.1	4"-1591CF	254JP	416	No
	55	127	20	3500	23.0	4"-1591BF	254JP	416	No
			25	3500	24.7	4"-1591CF	256JP	446	No
	56	129	25	3500	25.2	4"-1591CF	256JP	446	No
	60	139	25	3500	27.0	4"-1591BF	256JP	446	No
	65	150	30	3500	30.0	4"-1591BF	284JP	480	No
	70	162	25	3500	25.0	4"-1593BF	256JP	472	No
	75	173	25	3500	28.0	4"-1593BF	256JP	472	No
	80	185	30	3500	29.0	4"-1593BF	284JP	506	No
	85	196	30	3500	32.2	4"-1592F	284JP	506	No
	90	208	30	3500	33.5	4"-1592F	284JP	506	No
	95	219	40	3500	36.0	4"-1592F	286JP	574	No
	100	231	40	3500	40.0	4"-1592F	286JP	574	No
	105	243	40	3500	42.9	4"-1592F	286JP	574	No
	110	254	40	3500	45.6	4"-1592F	286JP	574	No
	115	266	50	3500	47.0	4"-1592F	324JP	625	No
	120	277	50	3500	55.0	4"-1592F	324JP	625	No
125	289	60	3500	59.0	4"-1592F	326JP	700	No	
130	300	60	3500	64.0	4"-1592F	326JP	700	No	
135	312	60	3500	68.0	4"-1592F	326JP	700	No	
136	314	60	3500	69.0	4"-1592F	326JP	700	No	

For further details on pump performance, please contact your local Fairbanks Nijhuis fire pump distributor.

Vertical Inline Fire Pump
60 Hz Electric Motor Driven

Electric Driven									
Flow	Pressure		Required Motor HP Rating			Pump Size and Model	Motor Frame	Unit Weight	Single Phase Applicable
	(psi)	(TDH)	UL Listed and FM Approved	Speed (rpm)	Horsepower (Bhp)				
450 GPM	40	92	20	3500	18.0	4"-1591CF	254JP	416	No
	45	104	20	3500	20.8	4"-1591CF	254JP	416	No
	49	113	20	3500	23.0	4"-1591BF	254JP	416	No
	50	116	25	3500	23.5	4"-1591CF	256JP	446	No
	55	127	25	3500	25.0	4"-1591BF	256JP	446	No
			25	3500	26.2	4"-1591CF	256JP	446	No
	60	139	25	3500	28.7	4"-1591BF	256JP	446	No
	65	150	30	3500	32.0	4"-1591BF	284JP	480	No
	72	166	30	3500	34.5	4"-1591BF	284JP	480	No
	82	189	30	3500	34.5	4"-1592F	284JP	480	No
	85	196	40	3500	37.0	4"-1592F	286JP	574	No
	90	208	40	3500	40.0	4"-1592F	286JP	574	No
	95	219	40	3500	42.0	4"-1592F	286JP	574	No
	96	222	40	3500	42.0	4"-1593BF	286JP	574	No
	100	231	40	3500	43.0	4"-1592F	286JP	574	No
			40	3500	44.0	4"-1593BF	286JP	574	No
	105	243	40	3500	45.0	4"-1592F	286JP	574	No
			40	3500	46.0	4"-1593BF	286JP	574	No
	110	254	40	3500	46.0	4"-1592F	286JP	574	No
			50	3500	50.0	4"-1593BF	324JP	625	No
115	266	50	3500	51.0	4"-1592F	324JP	625	No	
		50	3500	54.0	4"-1593BF	324JP	625	No	
120	277	50	3500	56.0	4"-1592F	324JP	625	No	
		50	3500	57.5	4"-1593BF	324JP	625	No	
125	289	60	3500	64.0	4"-1592F	326JP	700	No	
		60	3500	61.0	4"-1593BF	326JP	700	No	
130	300	60	3500	69.0	4"-1592F	326JP	700	No	
131	303	60	3550	64.0	4"-1593BF	326JP	700	No	

For further details on pump performance, please contact your local Fairbanks Nijhuis fire pump distributor.

Vertical Inline Fire Pump
60 Hz Electric Motor Driven

Date **March 28, 2014**

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Electric Driven									
Flow	Pressure		Required Motor HP Rating			Pump Size and Model	Motor Frame	Unit Weight	Single Phase Applicable
	(psi)	(TDH)	UL Listed and FM Approved	Speed (rpm)	Horsepower (Bhp)				
500 GPM	40	92	20	3500	19.3	4"-1591CF	254JP	416	No
	45	104	20	3500	22.0	4"-1591CF	254JP	416	No
	50	116	25	3500	24.8	4"-1591CF	256JP	446	No
	54	125	25	3500	27.1	4"-1591CF	256JP	446	No
	55	127	25	3500	27.0	4"-1591BF	256JP	446	No
	60	139	25	3500	28.7	4"-1591BF	256JP	446	No
	65	150	30	3500	34.0	4"-1591BF	284JP	480	No
	71	164	40	3500	39.0	4"-1591BF	286JP	480	No
	72	166	30	3550	33.0	4"-1593CF	284JP	506	No
	75	173	30	3550	34.5	4"-1593CF	284JP	574	No
	80	185	40	3550	37.0	4"-1593CF	286JP	574	No
	85	196	40	3550	40.4	4"-1593CF	286JP	574	No
	90	208	40	3550	42.6	4"-1593CF	286JP	574	No
	92	213	40	3550	44.1	4"-1593CF	286JP	574	No
	93	215	40	3500	44.4	4"-1593BF	286JP	574	No
	95	219	40	3500	45.0	4"-1593BF	286JP	574	No
	100	231	40	3500	46.0	4"-1593BF	286JP	574	No
	105	243	50	3500	49.0	4"-1593BF	324JP	625	No
	110	254	50	3500	53.0	4"-1593BF	324JP	625	No
	115	266	50	3500	56.0	4"-1593BF	324JP	625	No
120	277	50	3500	57.5	4"-1593BF	324JP	625	No	
125	289	60	3500	62.5	4"-1593BF	326JP	700	No	
130	300	60	3500	68.0	4"-1593BF	326JP	700	No	

For further details on pump performance, please contact your local Fairbanks Nijhuis fire pump distributor.

Vertical Inline Fire Pump
60 Hz Electric Motor Driven

Electric Driven									
Flow	Pressure		Required Motor HP Rating			Pump Size and Model	Motor Frame	Unit Weight	Single Phase Applicable
	(psi)	(TDH)	UL Listed and FM Approved	Speed (rpm)	Horsepower (Bhp)				
750 GPM	54	125	40	1770	44.0	4"-1593F	324JP	841	No
	60	139	50	1770	49.0	4"-1593F	326JP	881	No
	65	150	50	1770	52.0	4"-1593F	326JP	881	No
	70	162	60	1770	58.0	4"-1593F	364JP	1021	No
	75	173	60	1770	63.9	4"-1593F	364JP	1021	No
	80	185	75	1770	72.0	4"-1593F	365JP	1171	No
	84	194	75	1770	75.0	4"-1593F	365JP	1171	No
	86	199	60	3550	62.0	4"-1594BF	326JP	811	No
	90	208	60	3550	65.0	4"-1594BF	326JP	811	No
	95	219	60	3550	67.0	4"-1594BF	326JP	811	No
	100	231	60	3550	69.0	4"-1594BF	326JP	811	No
	105	243	75	3550	73.0	4"-1594BF	364JP	951	No
	110	254	75	3550	76.0	4"-1594BF	364JP	951	No
	115	266	75	3550	81.0	4"-1594BF	364JP	951	No
	120	277	75	3550	85.0	4"-1594BF	364JP	951	No
	125	289	100	3550	92.0	4"-1594BF	365JP	1201	No
	130	300	100	3550	99.0	4"-1594BF	365JP	1201	No
	135	312	100	3550	106.0	4"-1594BF	365JP	1201	No
140	323	100	3550	112.0	4"-1594BF	365JP	1201	No	
143	330	100	3550	115.0	4"-1594BF	365JP	1201	No	

For further details on pump performance, please contact your local Fairbanks Nijhuis fire pump distributor.

Vertical Inline Fire Pump
60 Hz Electric Motor Driven

Date **March 28, 2014**

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Electric Driven									
Flow	Pressure		Required Motor HP Rating			Pump Size and Model	Motor Frame	Unit Weight	Single Phase Applicable
	(psi)	(TDH)	UL Listed and FM Approved	Speed (rpm)	Horsepower (Bhp)				
1000 GPM	56	129	60	1775	68	8"-1593F	364HP	1392	No
	60	139	60	1775	69	8"-1593F	364HP	1392	No
	65	150	75	1775	81	8"-1593F	365HP	1437	No
	70	162	75	1775	86	8"-1593F	365HP	1437	No
	75	173	100	1775	93	8"-1593F	404HP	1602	No
	80	185	100	1775	101	8"-1593F	404HP	1602	No
	84	194	100	1770	95	8"-1595F	404TCVZ	2175	No
	85	196	100	1775	110	8"-1593F	404HP	1602	No
			100	1770	97	8"-1595F	404TCVZ	2175	No
	90	208	100	1775	115	8"-1593F	404HP	1602	No
			100	1770	104	8"-1595F	404TCVZ	2175	No
	95	219	125	1775	122	8"-1593F	405HP	1792	No
			100	1770	113	8"-1595F	404TCVZ	2175	No
	100	231	125	1775	135	8"-1593F	405HP	1792	No
			125	1770	121	8"-1595F	405TCVZ	2202	No
	102	236	125	1775	143	8"-1593F	405HP	1792	No
	105	243	125	1770	128	8"-1595F	405TCVZ	2202	No
	110	254	125	1770	134	8"-1595F	405TCVZ	2202	No
115	266	125	1770	140	8"-1595F	405TCVZ	2202	No	
120	277	150	1770	145	8"-1595F	444TCVZ	2440	No	
125	289	150	1770	152	8"-1595F	444TCVZ	2440	No	
127	293	150	1770	157	8"-1595F	444TCVZ	2440	No	

For further details on pump performance, please contact your local Fairbanks Nijhuis fire pump distributor.

Vertical Inline Fire Pump

60 Hz Electric Motor Driven

Electric Driven									
Flow	Pressure		Required Motor HP Rating			Pump Size and Model	Motor Frame	Unit Weight	Single Phase Applicable
	(psi)	(TDH)	UL Listed and FM Approved	Speed (rpm)	Horsepower (Bhp)				
1250 GPM	52	120	60	1775	69	8"-1593F	364HP	1392	No
	55	127	75	1775	80	8"-1593F	365HP	1437	No
	60	139	75	1775	82	8"-1593F	365HP	1437	No
	65	150	75	1775	86	8"-1593F	365HP	1437	No
	70	162	100	1775	100	8"-1593F	404HP	1602	No
	74	171	100	1770	92	8"-1595AF	404TCVZ	2175	No
	75	173	100	1775	107	8"-1593F	404HP	1602	No
			100	1770	94	8"-1595AF	404TCVZ	2175	No
	80	185	100	1775	111	8"-1593F	404HP	1602	No
			100	1770	102	8"-1595F	404TCVZ	2175	No
			100	1770	103	8"-1595AF	404TCVZ	2175	No
	85	196	125	1775	123	8"-1593F	405HP	1792	No
			100	1770	110	8"-1595F	404TCVZ	2175	No
			100	1770	113	8"-1595AF	404TCVZ	2175	No
	90	208	125	1775	136	8"-1593F	405HP	1792	No
			125	1770	118	8"-1595F	405TCVZ	2202	No
			125	1770	122	8"-1595AF	405TCVZ	2202	No
	95	219	125	1775	139	8"-1593F	405HP	1792	No
			125	1770	127	8"-1595F	405TCVZ	2202	No
			125	1770	129	8"-1595AF	405TCVZ	2202	No
	100	231	125	1775	143	8"-1593F	405HP	1792	No
			125	1770	135	8"-1595F	405TCVZ	2202	No
			125	1770	137	8"-1595AF	405TCVZ	2202	No
	105	243	125	1770	142	8"-1595F	405TCVZ	2202	No
150			1770	144	8"-1595AF	444TCVZ	2440	No	
110	254	150	1770	149	8"-1595F	444TCVZ	2440	No	
		150	1770	152	8"-1595AF	444TCVZ	2440	No	
115	266	150	1770	156	8"-1595F	444TCVZ	2440	No	
		150	1770	160	8"-1595AF	444TCVZ	2440	No	
120	277	150	1770	164	8"-1595F	444TCVZ	2440	No	
		150	1770	169	8"-1595AF	444TCVZ	2440	No	
122	282	150	1770	167	8"-1595F	444TCVZ	2440	No	
125	289	200	1770	178	8"-1595AF	445TCVZ	2556	No	
128	296	200	1770	184	8"-1595AF	445TCVZ	2556	No	

For further details on pump performance, please contact your local Fairbanks Nijhuis fire pump distributor.

Vertical Inline Fire Pump
60 Hz Electric Motor Driven

Date **March 28, 2014**

Supersedes Section 911 Page 313
Dated May 10, 2013

Electric Driven									
Flow	Pressure		Required Motor HP Rating			Pump Size and Model	Motor Frame	Unit Weight	Single Phase Applicable
	(psi)	(TDH)	UL Listed and FM Approved	Speed (rpm)	Horsepower (Bhp)				
1500 GPM	48	111	75	1775	74	8"-1593F	365HP	1437	No
	50	116	75	1775	78	8"-1593F	365HP	1437	No
	55	127	75	1775	86	8"-1593F	365HP	1437	No
	60	139	100	1775	96	8"-1593F	404HP	1602	No
	65	150	100	1775	98	8"-1593F	404HP	1602	No
	70	162	100	1775	107	8"-1593F	404HP	1602	No
	72	166	100	1770	100	8"-1595AF	404TCVZ	2175	No
	75	173	100	1775	115	8"-1593F	404HP	1602	No
			100	1770	107	8"-1595AF	404TCVZ	2175	No
	80	185	125	1775	128	8"-1593F	405HP	1792	No
			125	1770	117	8"-1595AF	405TCVZ	2202	No
	85	196	125	1775	136	8"-1593F	405HP	1792	No
			125	1770	128	8"-1595AF	405TCVZ	2202	No
	90	208	125	1775	143.7	8"-1593F	405HP	1792	No
			125	1770	136	8"-1595AF	405TCVZ	2202	No
	95	219	150	1775	155	8"-1593F	444HP	1892	No
			150	1770	144	8"-1595AF	444TCVZ	2440	No
	99	229	150	1775	172	8"-1593F	444HP	1892	No
	100	231	150	1770	152	8"-1595AF	444TCVZ	2440	No
	105	243	150	1770	160	8"-1595AF	444TCVZ	2440	No
110	254	150	1770	169	8"-1595AF	444TCVZ	2440	No	
115	266	200	1770	178	8"-1595AF	445TCVZ	2556	No	
120	277	200	1770	187	8"-1595AF	445TCVZ	2556	No	
125	289	200	1770	196	8"-1595AF	445TCVZ	2556	No	

For further details on pump performance, please contact your local Fairbanks Nijhuis fire pump distributor.

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Vertical Inline Fire Pump
50 Hz Electric Motor Driven

Date **March 28, 2014**

Supersedes Section 911 Page 589
Dated May 10, 2013

Electric Driven					
Flow	Pressure (psi)	Required Motor HP Rating			Pump Size and Model
		UL Listed and FM Approved	Speed (rpm)	Horse- power (Bhp)	
50 GPM	42	5*	2950	4.5	3"-1592AF
	45	5*	2950	5.2	3"-1592AF
	50	7.5*	2950	6.4	3"-1592AF
	55	7.5*	2950	7.1	3"-1592AF
	60	7.5*	2950	7.7	3"-1592AF
	61	10*	2950	9.7	3"-1593BF
	65	7.5*	2950	8.3	3"-1592AF
		10*	2950	10.4	3"-1593BF
	70	10*	2950	8.9	3"-1592AF
		10*	2950	11.4	3"-1593BF
	75	10*	2950	9.5	3"-1592AF
		15	2950	12.2	3"-1593BF
	80	10*	2950	10.2	3"-1592AF
		15	2950	12.9	3"-1593BF
	85	10*	2950	11	3"-1592AF
		15	2950	13.6	3"-1593BF
	90	15	2950	11.7	3"-1592AF
		15	2950	14.3	3"-1593BF
	95	15	2950	12.4	3"-1592AF
		15	2950	14.9	3"-1593BF
100	15	2950	13.2	3"-1592AF	
	15	2950	15.8	3"-1593BF	
105	15	2950	14.3	3"-1592AF	
110	15	2950	15.5	3"-1592AF	
111	15	2950	15.7	3"-1592AF	

For further details on pump performance, please contact your local Fairbanks Nijhuis fire pump distributor.

Vertical Inline Fire Pump
50 Hz Electric Motor Driven

Electric Driven					
Flow	Pressure (psi)	Required Motor HP Rating			Pump Size and Model
		UL Listed and FM Approved	Speed (rpm)	Horse- power (Bhp)	
100 GPM	43	7.5*	2950	6.5	3"-1592AF
	45	7.5*	2950	6.9	3"-1592AF
	50	7.5*	2950	8.2	3"-1592AF
	55	10*	2950	9	3"-1592AF
	58	10*	2950	10.7	3"-1593BF
	60	10*	2950	9.7	3"-1592AF
		10*	2950	11.2	3"-1593BF
	65	10*	2950	10.4	3"-1592AF
		15	2950	12.3	3"-1593BF
	70	10*	2950	11.1	3"-1592AF
		15	2950	13.4	3"-1593BF
	75	15	2950	11.9	3"-1592AF
		15	2950	14.3	3"-1593BF
	80	15	2950	12.7	3"-1592AF
		15	2950	15.1	3"-1593BF
	85	15	2950	13.6	3"-1592AF
		15	2950	16	3"-1593BF
	90	15	2950	14.4	3"-1592AF
		15	2950	16.9	3"-1593BF
	95	15	2950	15.3	3"-1592AF
20		2950	17.8	3"-1593BF	
98	20	2950	18.4	3"-1593BF	
100	15	2950	16.2	3"-1592AF	
105	20	2950	17.6	3"-1592AF	
110	20	2950	19.1	3"-1592AF	
112	20	2950	19.6	3"-1592AF	

For further details on pump performance, please contact your local Fairbanks Nijhuis fire pump distributor.

Vertical Inline Fire Pump
50 Hz Electric Motor Driven

Date **March 28, 2014**

Supersedes Section 911 Page 591
Dated May 10, 2013

Electric Driven					
Flow	Pressure (psi)	Required Motor HP Rating			Pump Size and Model
		UL Listed and FM Approved	Speed (rpm)	Horse- power (Bhp)	
150 GPM	41	7.5*	2950	7.6	3"-1592AF
	45	7.5*	2950	8.5	3"-1592AF
	50	10*	2950	9.9	3"-1592AF
	55	10*	2950	10.9	3"-1592AF
	56	15	2950	12	3"-1593BF
	60	15	2950	11.8	3"-1592AF
		15	2950	13.1	3"-1593BF
	65	15	2950	12.8	3"-1592AF
		15	2950	14.2	3"-1593BF
	70	15	2950	13.8	3"-1592AF
		15	2950	15.4	3"-1593BF
	75	15	2950	14.8	3"-1592AF
		15	2950	16.4	3"-1593BF
	80	15	2950	15.9	3"-1592AF
		20	2950	17.5	3"-1593BF
	85	15	2950	16.9	3"-1592AF
		20	2950	18.6	3"-1593BF
	90	20	2950	17.9	3"-1592AF
		20	2950	19.6	3"-1593BF
	95	20	2950	19	3"-1592AF
20		2950	20.7	3"-1593BF	
96	20	2950	20.9	3"-1593BF	
100	20	2950	20.1	3"-1592AF	
105	20	2950	21.6	3"-1592AF	
110	25	2950	24	3"-1592AF	
112	25	2950	26.6	3"-1592AF	

For further details on pump performance, please contact your local Fairbanks Nijhuis fire pump distributor.

Vertical Inline Fire Pump
50 Hz Electric Motor Driven

Electric Driven					
Flow	Pressure	Required Motor HP Rating			Pump Size and Model
	(psi)	UL Listed and FM Approved	Speed (rpm)	Horsepower (Bhp)	
200 GPM	51	10*	2950	11	3"-1593F
	53	15	2950	12.9	3"-1593BF
	55	10*	2950	11.5	3"-1593F
		15	2950	13.6	3"-1593BF
	60	15	2950	13	3"-1593F
		15	2950	15	3"-1593BF
	65	15	2950	15	3"-1593F
		15	2950	16.2	3"-1593BF
	70	15	2950	17	3"-1593F
		20	2950	17.5	3"-1593BF
	75	20	2950	18.5	3"-1593F
		20	2950	18.7	3"-1593BF
	80	20	2950	20	3"-1593F
		20	2950	19.9	3"-1593BF
	85	20	2950	21.1	3"-1593BF
		20	2950	21	3"-1593F
90	20	2950	22.4	3"-1593BF	
	20	2950	23	3"-1593F	
95	25	2950	23.7	3"-1593BF	
	25	2950	25	3"-1593F	
97	25	2950	27	3"-1593F	

For further details on pump performance, please contact your local Fairbanks Nijhuis fire pump distributor.

Vertical Inline Fire Pump
50 Hz Electric Motor Driven

Date **March 28, 2014**

Supersedes Section 911 Page 593
Dated May 10, 2013

Electric Driven					
Flow	Pressure	Required Motor HP Rating			Pump Size and Model
	(psi)	UL Listed and FM Approved	Speed (rpm)	Horsepower (Bhp)	
250 GPM	49	15	2950	13.3	3"-1593BF
	50	15	2950	13.7	3"-1593BF
	55	15	2950	15.4	3"-1593BF
	60	15	2950	16.9	3"-1593BF
	65	20	2950	18.3	3"-1593BF
	67	20	2950	21	4"-1592F
	70	20	2950	19.6	3"-1593BF
		20	2950	22	4"-1592F
	75	20	2950	21	3"-1593BF
		25	2950	26	4"-1592F
	80	20	2950	22.4	3"-1593BF
		30	2950	29	4"-1592F
	85	25	2950	23.8	3"-1593BF
		30	2950	32	4"-1592F
	90	25	2950	25.2	3"-1593BF
		40	2950	36	4"-1592F
	92	25	2950	25.7	3"-1593BF
95	40	2950	38	4"-1592F	
99	40	2950	41	4"-1592F	

For further details on pump performance, please contact your local Fairbanks Nijhuis fire pump distributor.

Vertical Inline Fire Pump
50 Hz Electric Motor Driven

Electric Driven					
Flow	Pressure	Required Motor HP Rating			Pump Size and Model
	(psi)	UL Listed and FM Approved	Speed (rpm)	Horsepower (Bhp)	
300 GPM	64	20	2950	22	4"-1592F
	70	25	2950	25	4"-1592F
	75	25	2950	28	4"-1592F
	80	30	2950	32	4"-1592F
	85	30	2950	34	4"-1592F
	90	40	2950	39	4"-1592F
	95	40	2950	41	4"-1592F
	97	40	2950	43	4"-1592F

For further details on pump performance, please contact your local Fairbanks Nijhuis fire pump distributor.

Vertical Inline Fire Pump
50 Hz Electric Motor Driven

Date **March 28, 2014**

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Dated May 10, 2013

Electric Driven					
Flow	Pressure	Required Motor HP Rating			Pump Size and Model
	(psi)	UL Listed and FM Approved	Speed (rpm)	Horsepower (Bhp)	
400 GPM	63	30	2950	31	4"-1594F
	65	30	2950	34	4"-1594F
	70	40	2950	36	4"-1594F
	75	40	2950	37	4"-1594F
	80	40	2950	44	4"-1594F
	85	50	2950	48	4"-1594F
	90	50	2950	53	4"-1594F
	95	50	2950	57	4"-1594F
	100	60	2950	65	4"-1594F
	105	60	2950	69	4"-1594F
	110	75	2950	74	4"-1594F
	116	75	2950	78	4"-1594F

For further details on pump performance, please contact your local Fairbanks Nijhuis fire pump distributor.

Vertical Inline Fire Pump
50 Hz Electric Motor Driven

Electric Driven					
Flow	Pressure	Required Motor HP Rating			Pump Size and Model
	(psi)	UL Listed and FM Approved	Speed (rpm)	Horsepower (Bhp)	
450 GPM	62	30	2950	33	4"-1594F
	65	40	2950	35	4"-1594F
	70	40	2950	39	4"-1594F
	75	40	2950	42	4"-1594F
	80	40	2950	45	4"-1594F
	85	50	2950	51	4"-1594F
	90	50	2950	55	4"-1594F
	95	60	2950	59	4"-1594F
	100	60	2950	65	4"-1594F
	105	75	2950	71	4"-1594F
	110	75	2950	77	4"-1594F
	115	75	2950	83	4"-1594F

For further details on pump performance, please contact your local Fairbanks Nijhuis fire pump distributor.

Vertical Inline Fire Pump
50 Hz Electric Motor Driven

Date **March 28, 2014**

Supersedes Section 911 Page 597
Dated May 10, 2013

Electric Driven					
Flow	Pressure	Required Motor HP Rating			Pump Size and Model
	(psi)	UL Listed and FM Approved	Speed (rpm)	Horsepower (Bhp)	
500 GPM	59	30	2950	33	4"-1594F
	65	40	2950	36	4"-1594F
	70	40	2950	39	4"-1594F
	75	40	2950	45	4"-1594F
	80	50	2950	49	4"-1594F
	85	50	2950	53	4"-1594F
	90	50	2950	56	4"-1594F
	95	60	2950	60	4"-1594F
	100	60	2950	68	4"-1594F
	105	75	2950	72	4"-1594F
	110	75	2950	80	4"-1594F
	113	75	2950	85	4"-1594F

For further details on pump performance, please contact your local Fairbanks Nijhuis fire pump distributor.

Vertical Inline Fire Pump
50 Hz Electric Motor Driven

Electric Driven					
Flow	Pressure	Required Motor HP Rating			Pump Size and Model
	(psi)	UL Listed and FM Approved	Speed (rpm)	Horsepower (Bhp)	
750 GPM	62	50	1475	56	8"-1595F
	65	60	1475	59.1	8"-1595F
	70	60	1475	65.1	8"-1595F
	75	75	1475	70.4	8"-1595F
	80	75	1475	75.2	8"-1595F
	85	75	1475	80	8"-1595F
	88	75	1475	82.9	8"-1595F

For further details on pump performance, please contact your local Fairbanks Nijhuis fire pump distributor.

Vertical Inline Fire Pump
50 Hz Electric Motor Driven

Date **March 28, 2014**

Supersedes Section 911 Page 599
Dated May 10, 2013

Electric Driven					
Flow	Pressure	Required Motor HP Rating			Pump Size and Model
	(psi)	UL Listed and FM Approved	Speed (rpm)	Horsepower (Bhp)	
1000 GPM	58	60	1475	61.5	8"-1595F
	59	60	1475	63.7	8"-1595AF
	60	60	1475	63.7	8"-1595F
		60	1475	65.3	8"-1595AF
	65	75	1475	70.7	8"-1595F
		75	1475	73.4	8"-1595AF
	70	75	1475	77.4	8"-1595F
		75	1475	81.5	8"-1595AF
	75	75	1475	82.9	8"-1595F
		100	1475	89.9	8"-1595AF
	80	100	1475	88.4	8"-1595F
		100	1475	94.9	8"-1595AF
	85	100	1475	94.1	8"-1595F
		100	1475	99	8"-1595AF
88	100	1475	101.4	8"-1595AF	

For further details on pump performance, please contact your local Fairbanks Nijhuis fire pump distributor.

Vertical Inline Fire Pump
50 Hz Electric Motor Driven

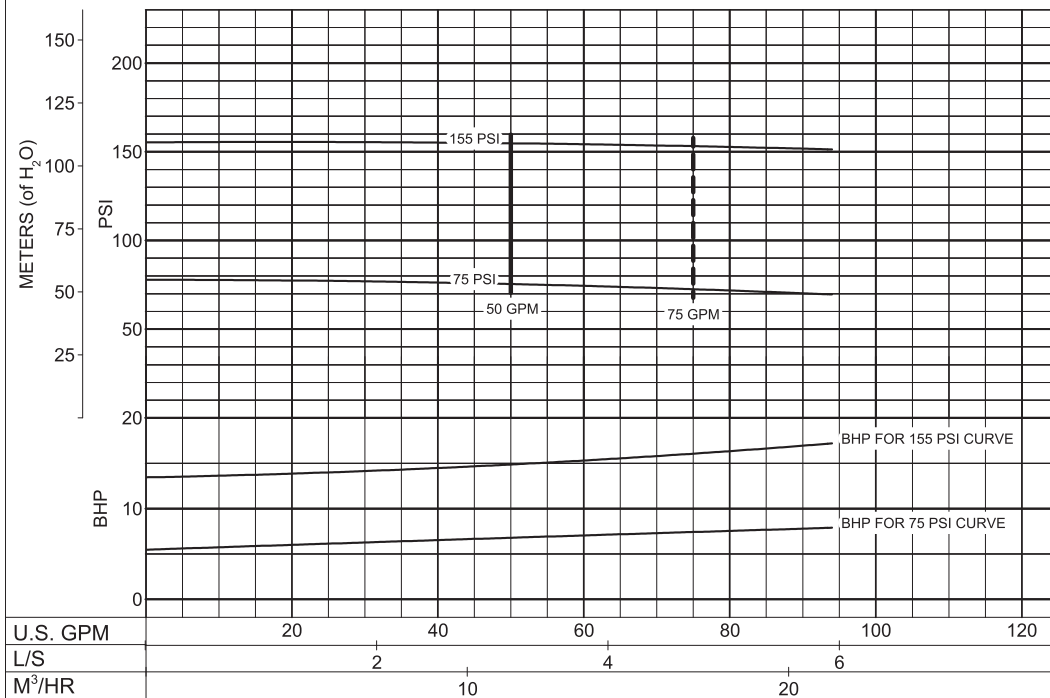
Electric Driven					
Flow	Pressure	Required Motor HP Rating			Pump Size and Model
	(psi)	UL Listed and FM Approved	Speed (rpm)	Horsepower (Bhp)	
1250 GPM	55	60	1475	66.7	8"-1595AF
	60	75	1475	75.8	8"-1595AF
	65	75	1475	84.9	8"-1595AF
	70	100	1475	94.2	8"-1595AF
	75	100	1475	101.6	8"-1595AF
	80	100	1475	106.5	8"-1595AF
	85	100	1475	111.2	8"-1595AF

For further details on pump performance, please contact your local Fairbanks Nijhuis fire pump distributor.

UL/FM Vertical Inline Fire Pump

MODEL: 2" 1591CF

RPM: 3500



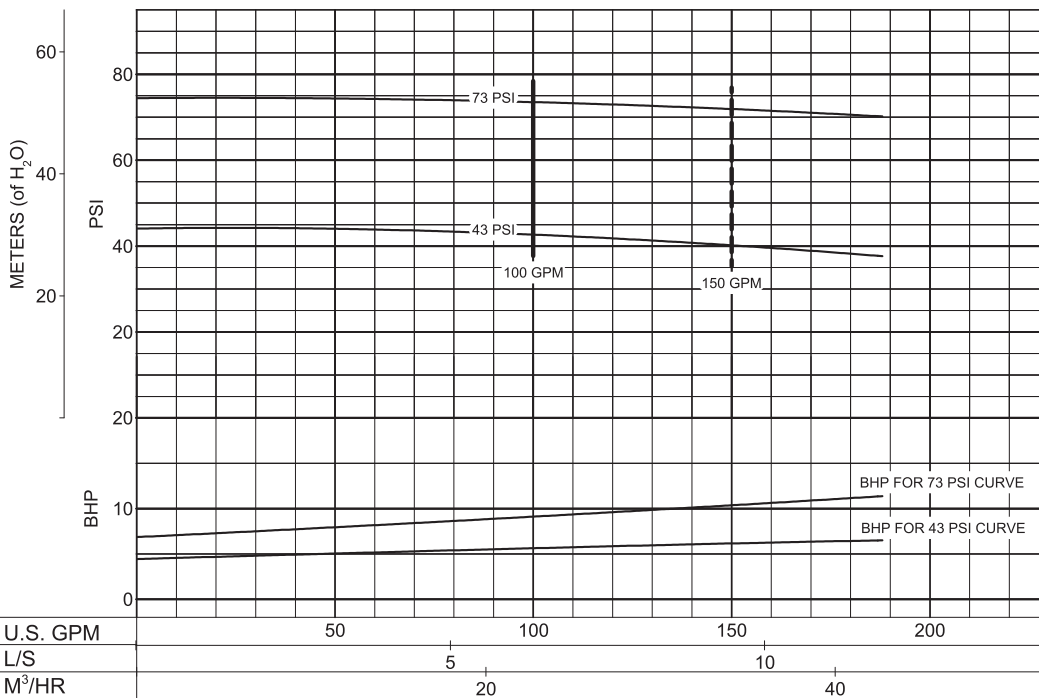
75 to 155 P.S.I.

Curve No: PC-157934

UL/FM Vertical Inline Fire Pump

MODEL: 3" 1591AF

RPM: 3500



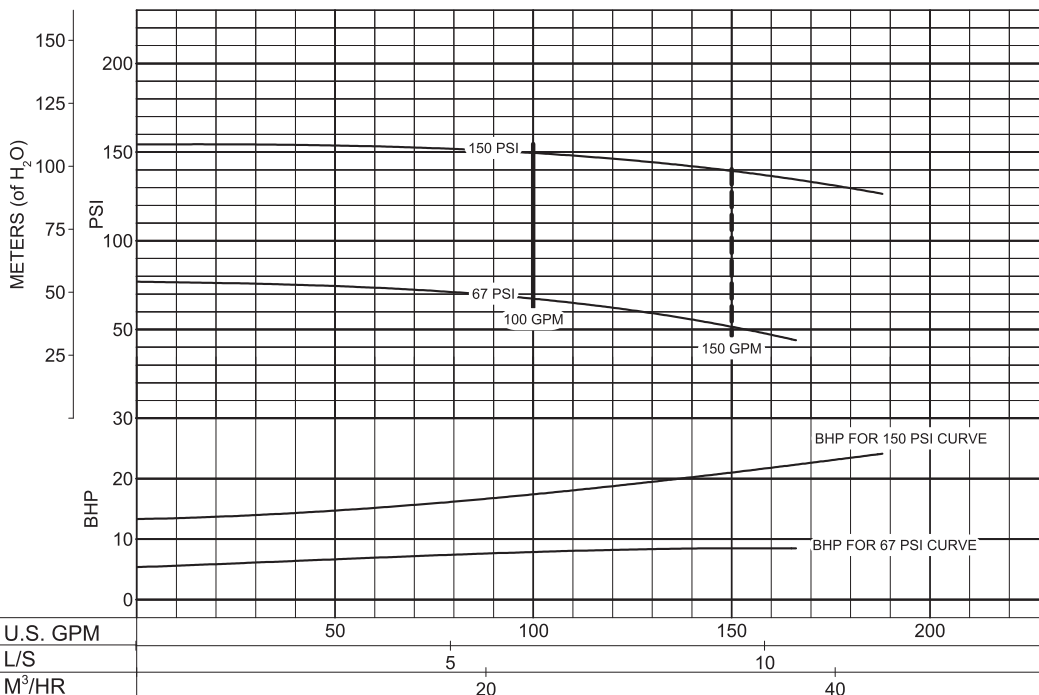
Curve No: PC-159146

**43
to
73
P.S.I.**

UL/FM Vertical Inline Fire Pump

MODEL: 2" 1591CF

RPM: 3500



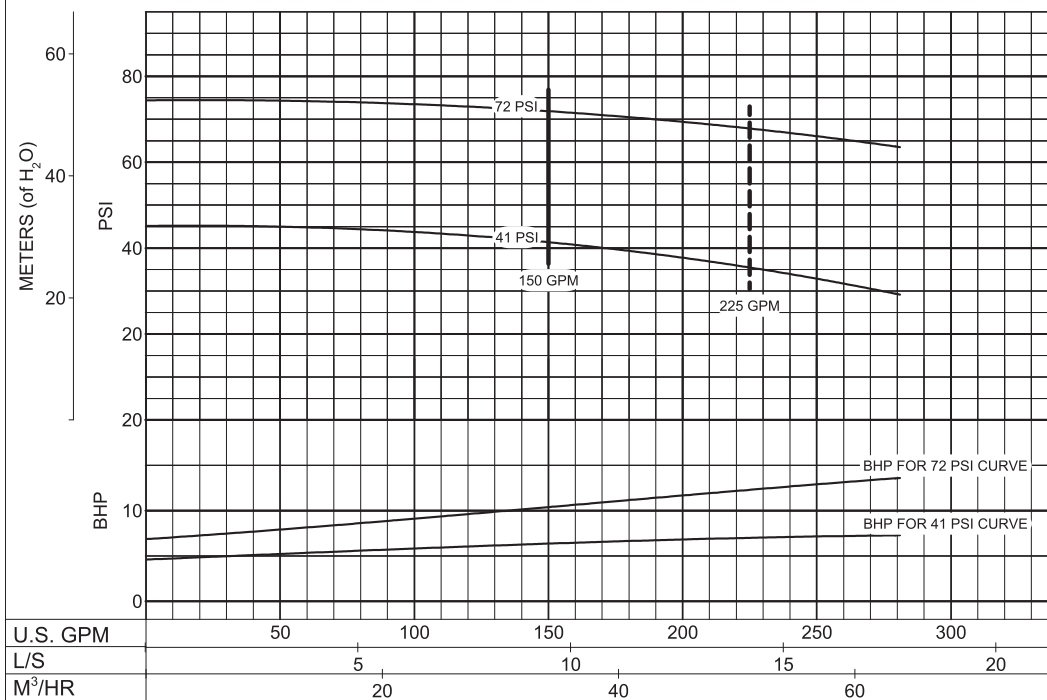
Curve No: PC-213776

**67
to
150
P.S.I.**

UL/FM Vertical Inline Fire Pump

MODEL: 3" 1591AF

RPM: 3500



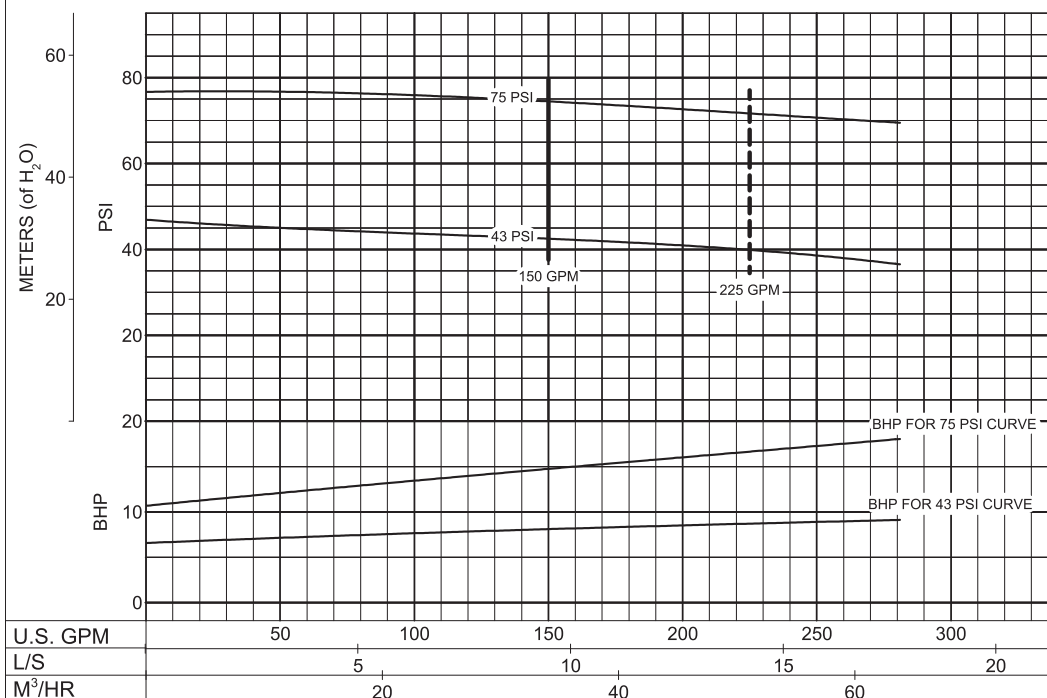
Curve No: PC-213777

41 to 72 P.S.I.

UL/FM Vertical Inline Fire Pump

MODEL: 3" 1591CF

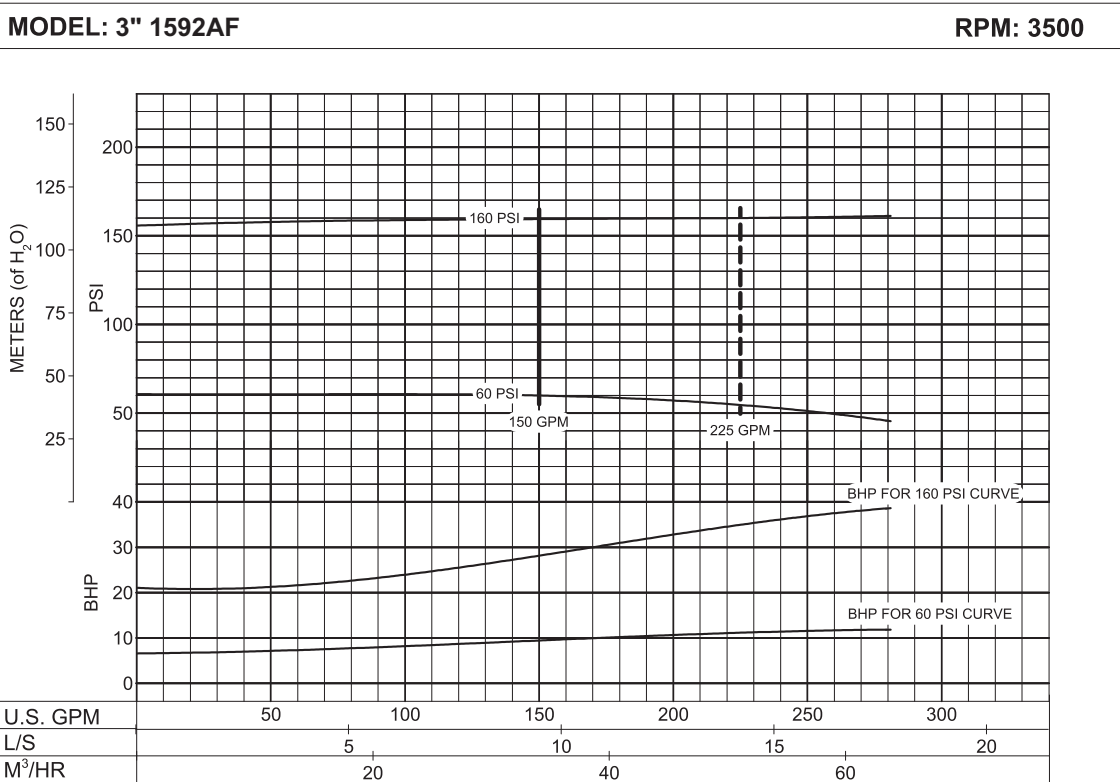
RPM: 3550



Curve No: PC-213299

43 to 75 P.S.I.

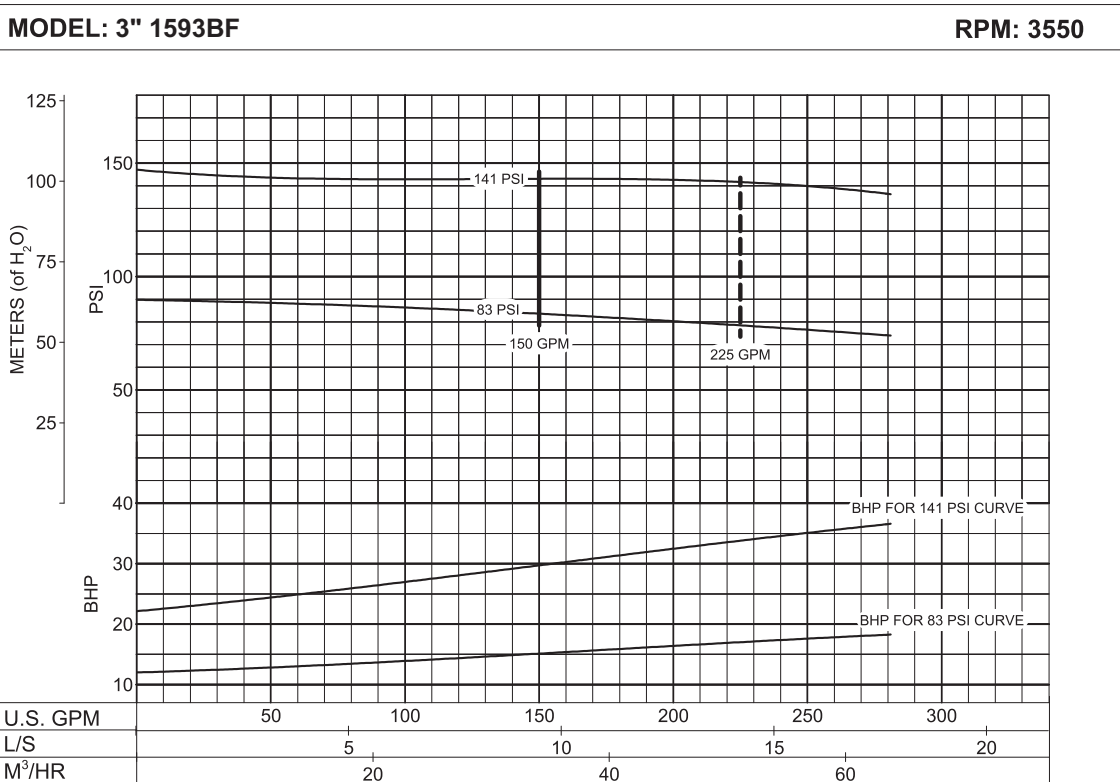
UL/FM Vertical Inline Fire Pump



Curve No: PC-157935

**60
to
160
P.S.I.**

UL/FM Vertical Inline Fire Pump



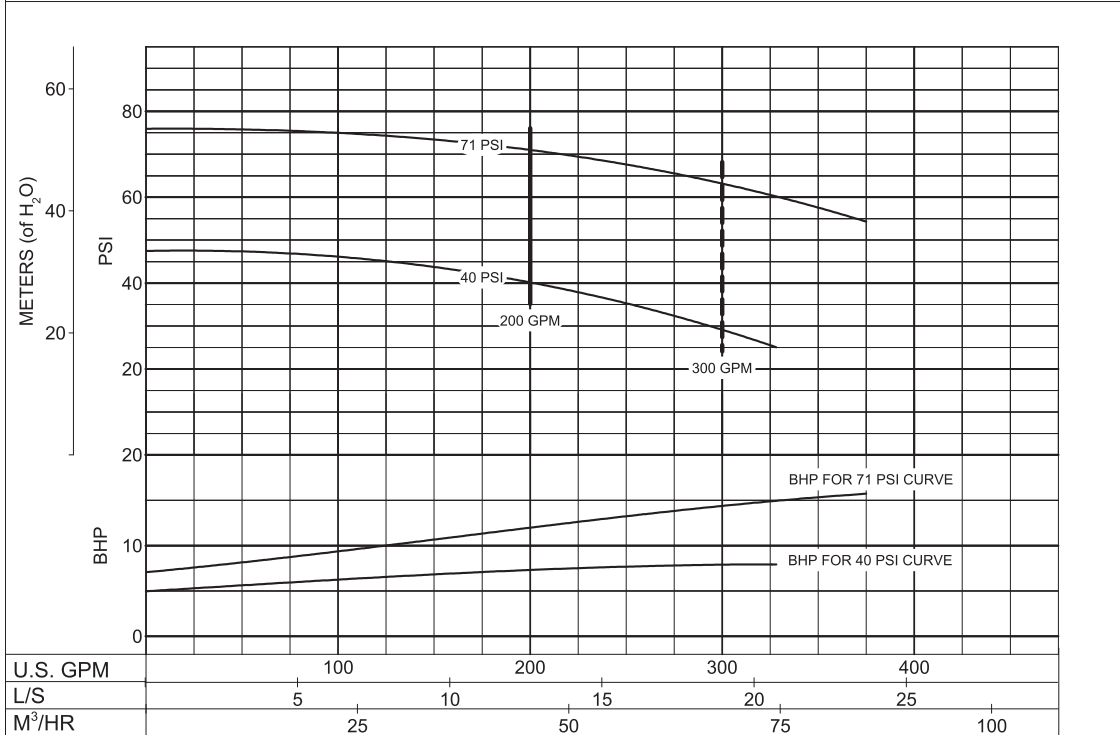
Curve No: PC-213303

**83
to
141
P.S.I.**

UL/FM Vertical Inline Fire Pump

MODEL: 3" 1591AF

RPM: 3500



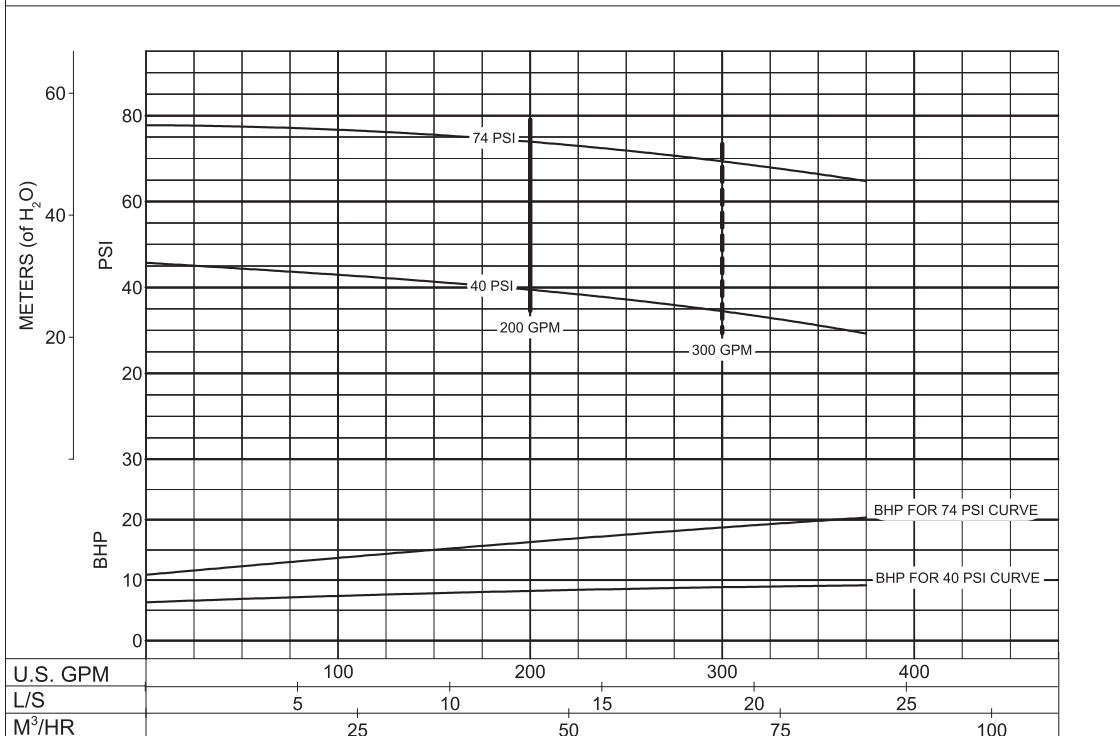
Curve No: PC-213778

40 to 71 P.S.I.

UL/FM Vertical Inline Fire Pump

MODEL: 3" 1591CF

RPM: 3500

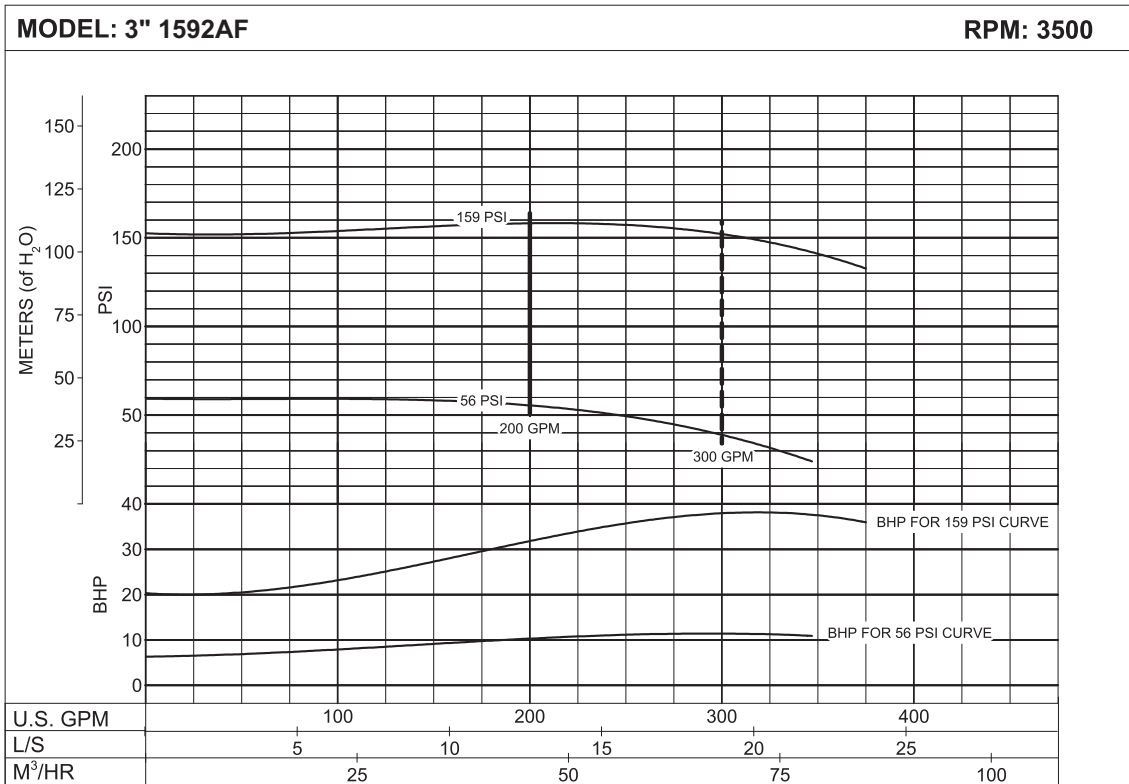


Curve No: PC-213300

40 to 74 P.S.I.

UL/FM Vertical Inline Fire Pump

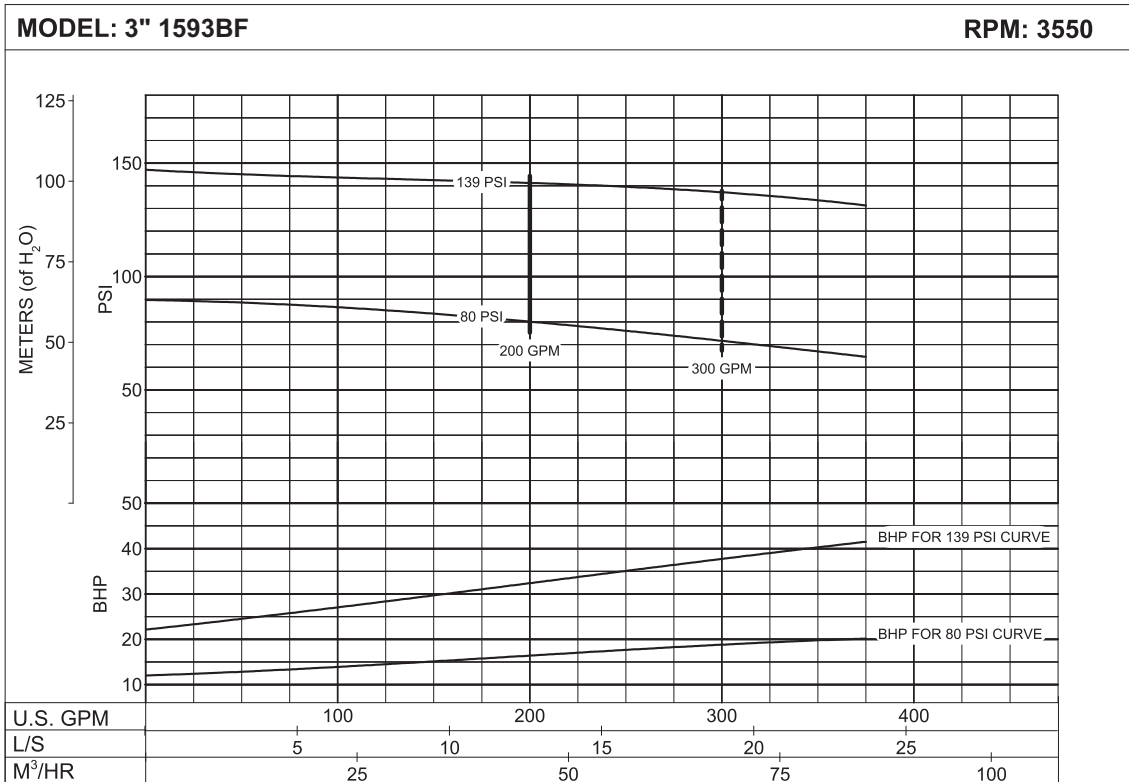
**56
to
159
P.S.I.**



Curve No: PC-213779

UL/FM Vertical Inline Fire Pump

**80
to
139
P.S.I.**

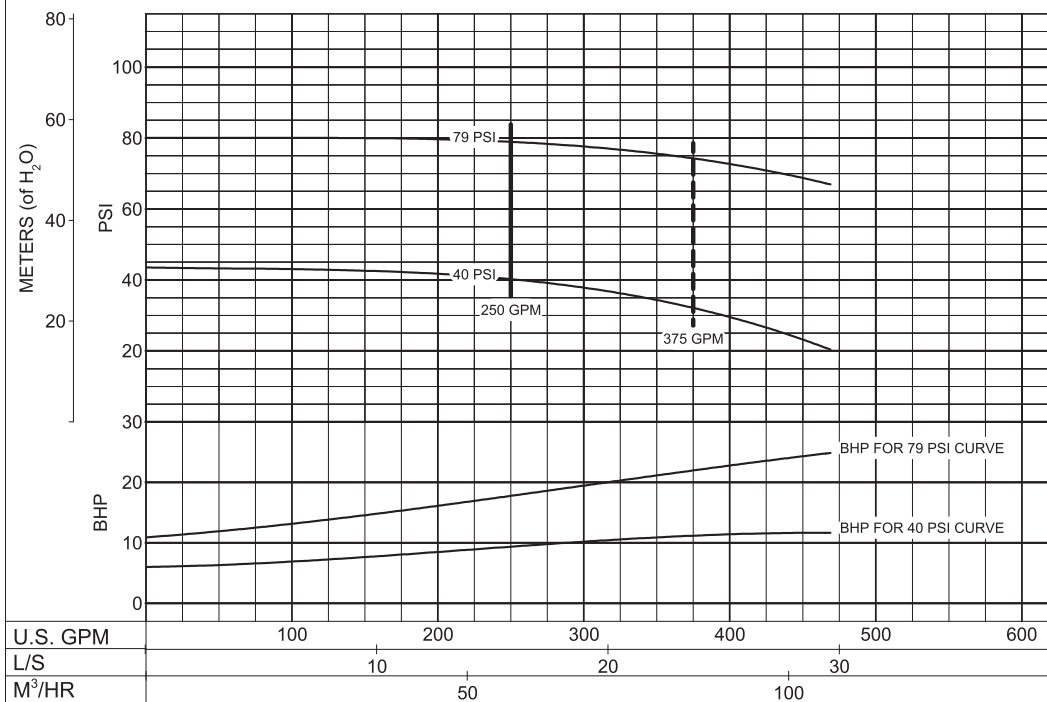


Curve No: PC-213304

UL/FM Vertical Inline Fire Pump

MODEL: 3" 1591BF

RPM: 3500



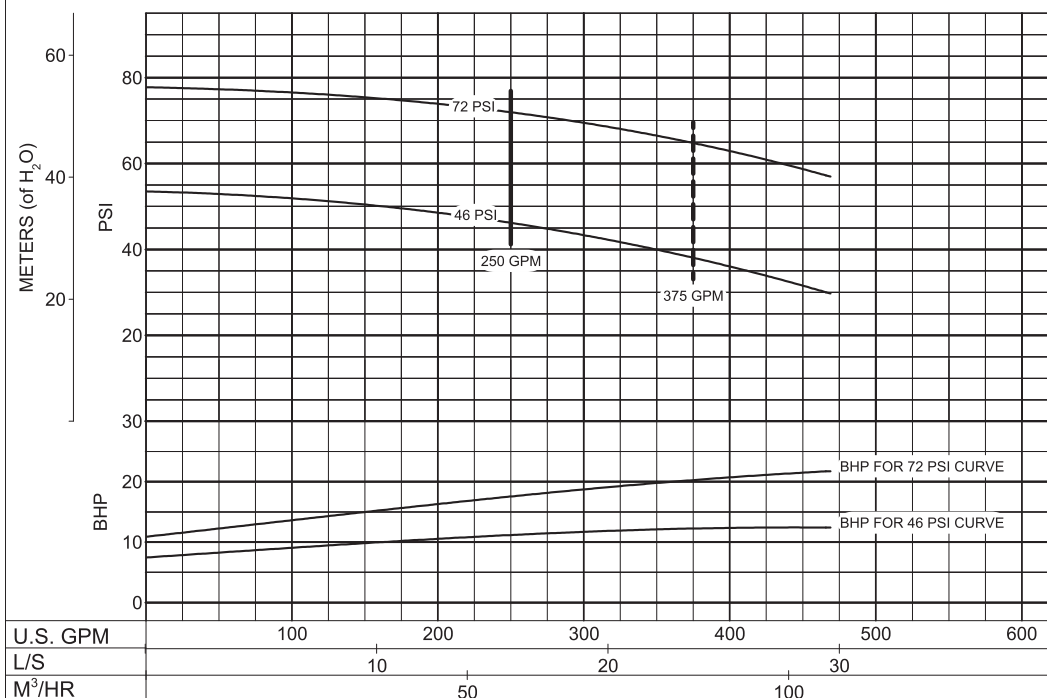
Curve No: PC-159147

**40
to
79
P.S.I.**

UL/FM Vertical Inline Fire Pump

MODEL: 3" 1591CF

RPM: 3550



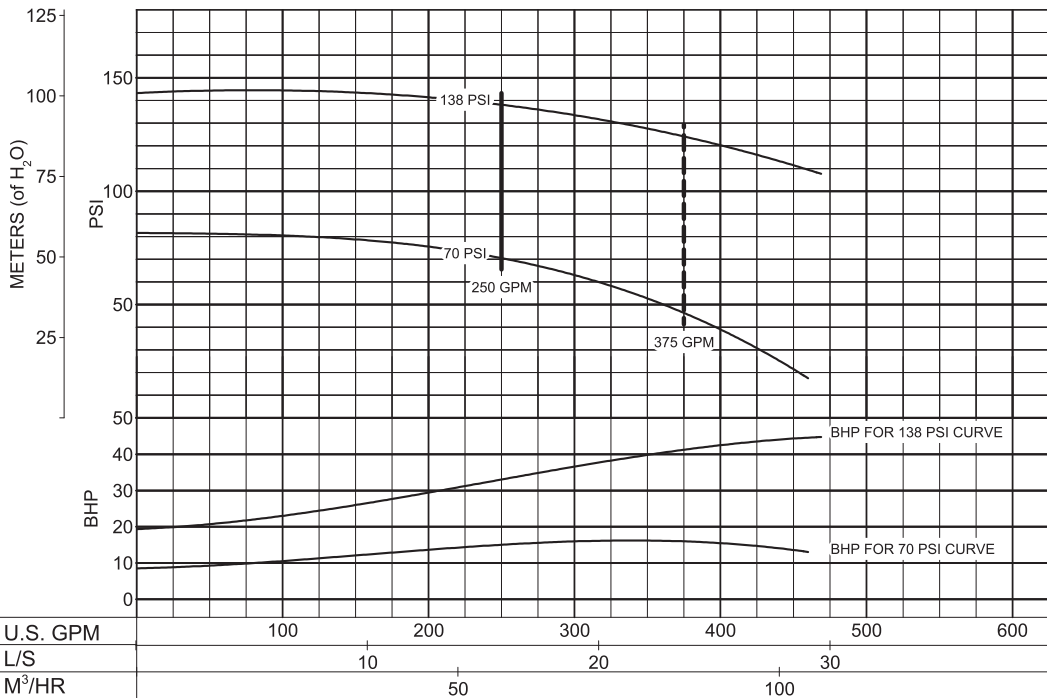
Curve No: PC-213301

**46
to
72
P.S.I.**

UL/FM Vertical Inline Fire Pump

MODEL: 3" 1593F

RPM: 3500



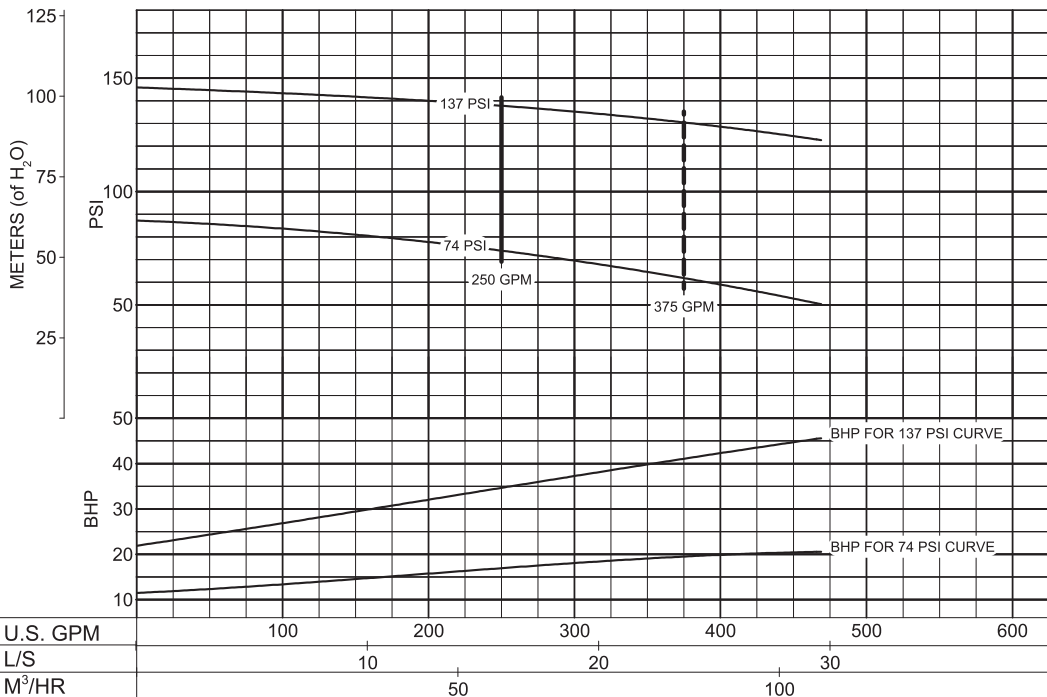
Curve No: PC-157936

**70
to
138
P.S.I.**

UL/FM Vertical Inline Fire Pump

MODEL: 3" 1593BF

RPM: 3550



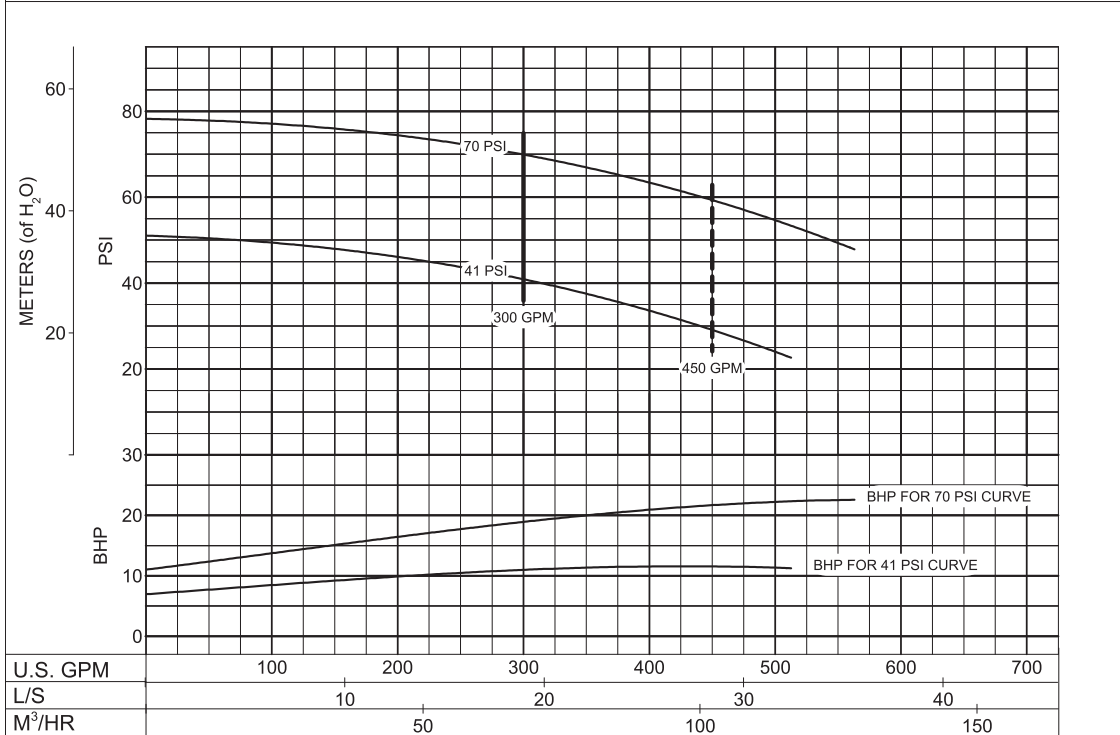
Curve No: PC-213305

**74
to
137
P.S.I.**

UL/FM Vertical Inline Fire Pump

MODEL: 3" 1591CF

RPM: 3550



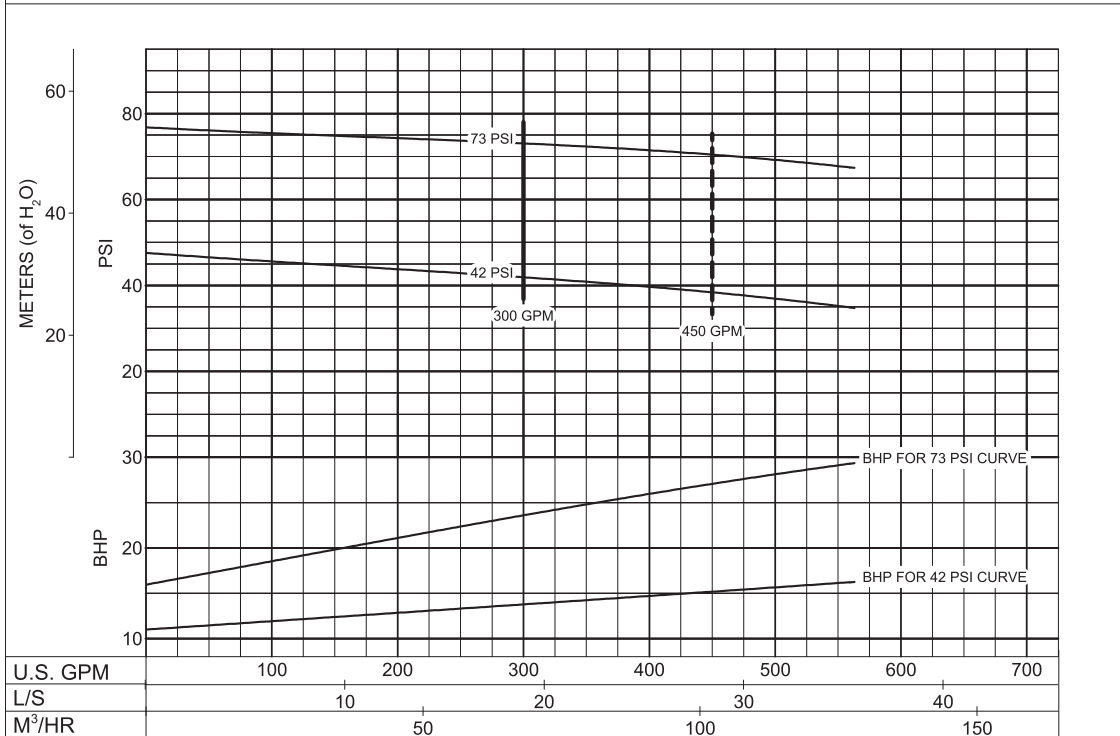
Curve No: PC-213302

41 to 70 P.S.I.

UL/FM Vertical Inline Fire Pump

MODEL: 4" 1591BF

RPM: 3500



Curve No: PC-160398

42 to 73 P.S.I.

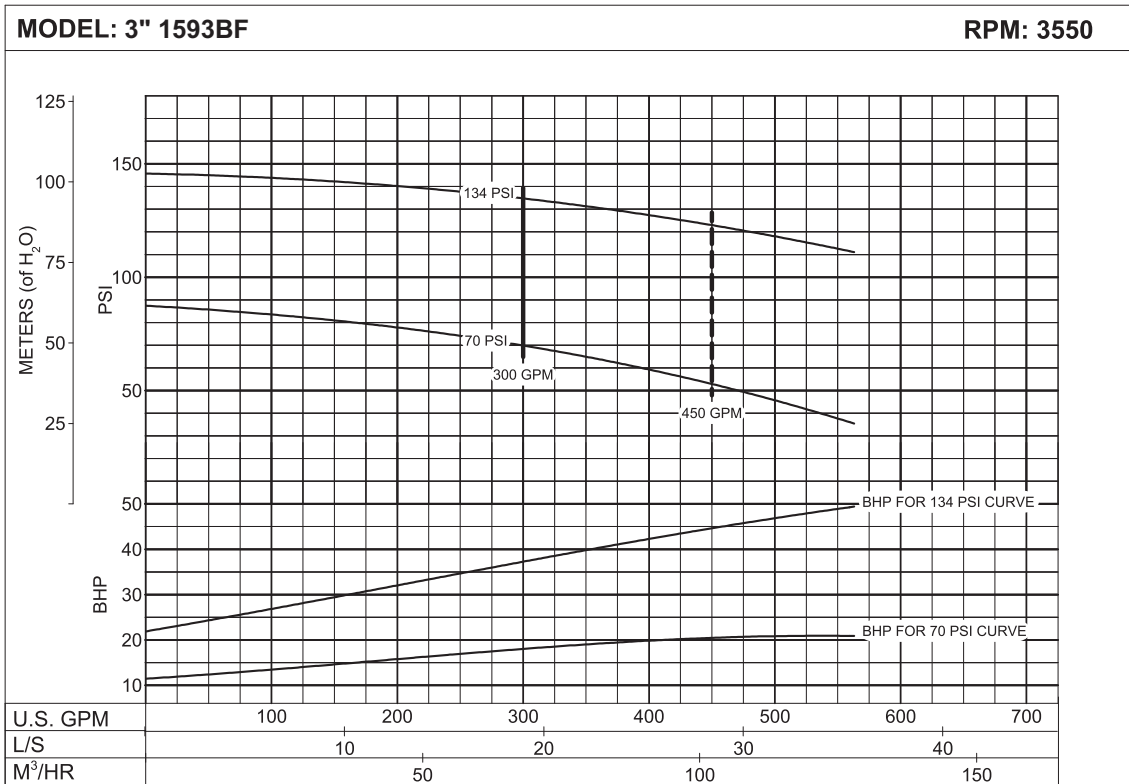


60 HERTZ ELECTRIC MOTOR DRIVE

300 GPM

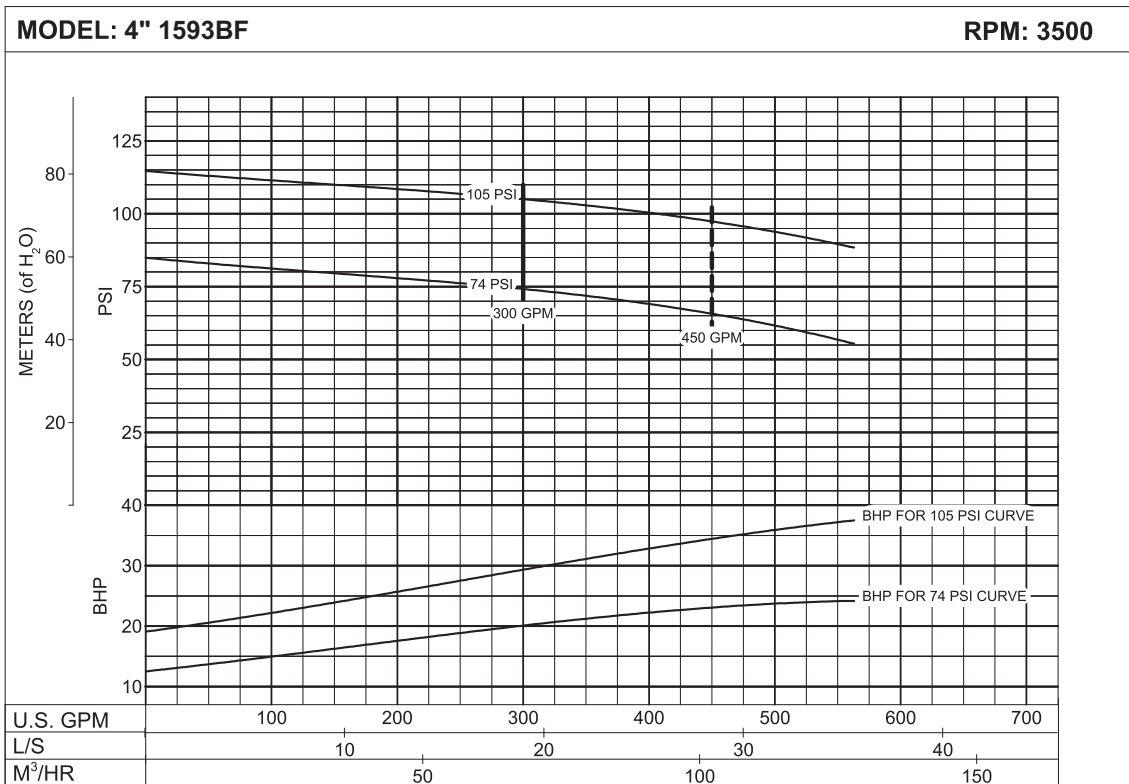
UL/FM Vertical Inline Fire Pump

**70
to
134
P.S.I.**



UL/FM Vertical Inline Fire Pump

**74
to
105
P.S.I.**



60 HERTZ ELECTRIC MOTOR DRIVE

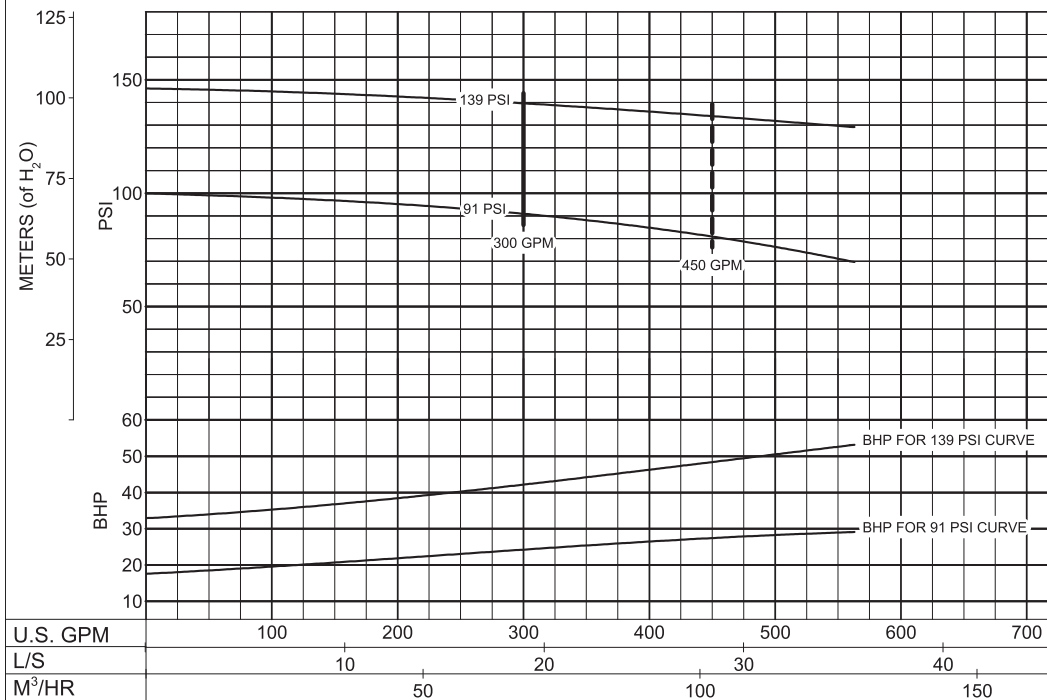
Date **September 2011**

300 GPM

UL/FM Vertical Inline Fire Pump

MODEL: 4" 1592F

RPM: 3500



Curve No: PC-157937

91 to 139 P.S.I.



60 HERTZ ELECTRIC MOTOR DRIVE

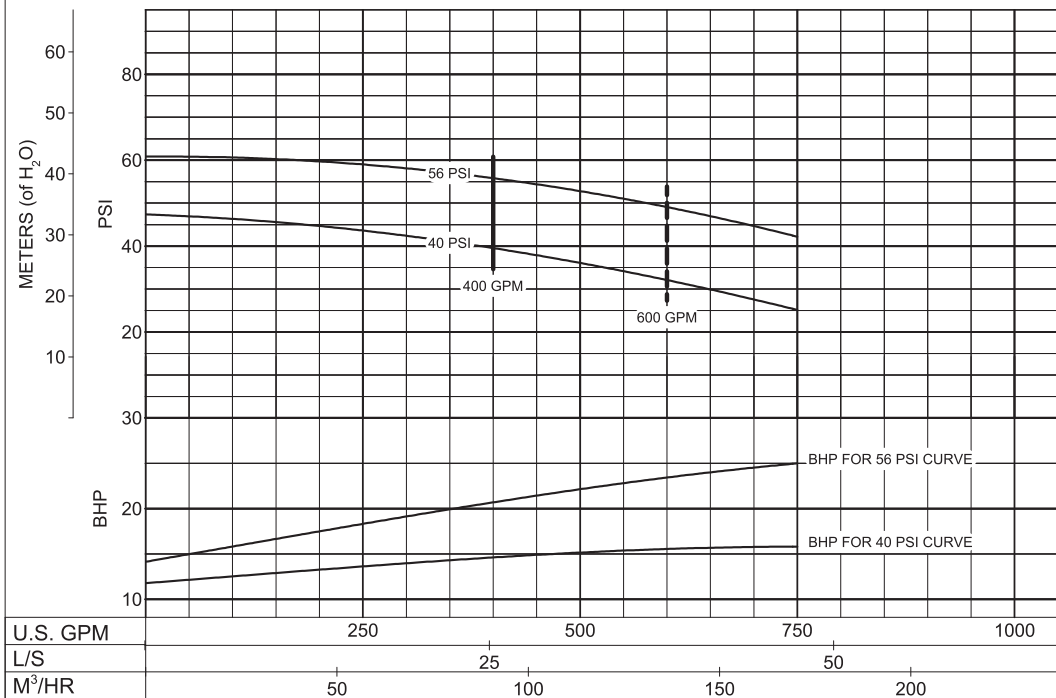
400 GPM

UL/FM Vertical Inline Fire Pump

MODEL: 4" 1591CF

RPM: 3550

**40
to
56
P.S.I.**



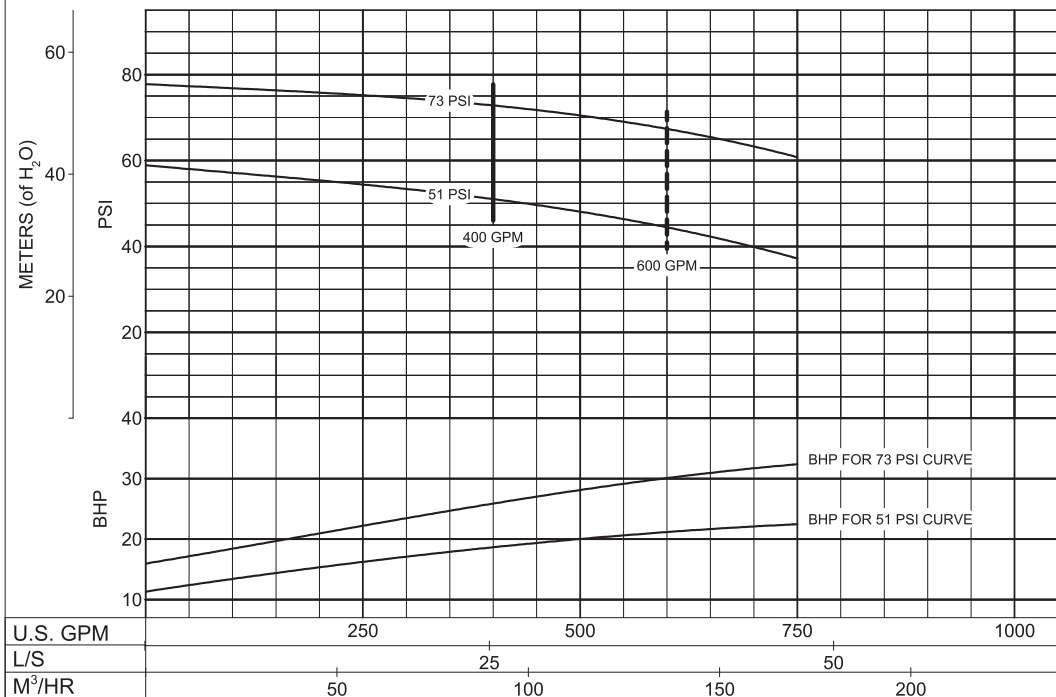
Curve No: PC-213307

UL/FM Vertical Inline Fire Pump

MODEL: 4" 1591BF

RPM: 3500

**51
to
73
P.S.I.**



Curve No: PC-159148A

60 HERTZ ELECTRIC MOTOR DRIVE

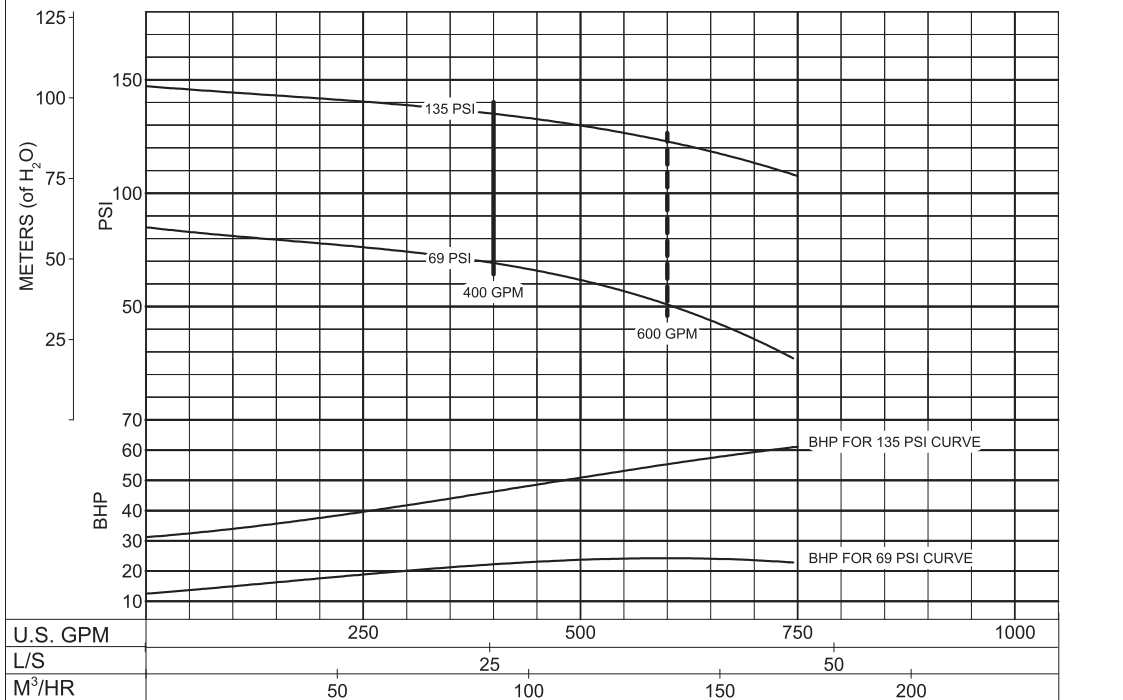
Date **September 2011**

400 GPM

UL/FM Vertical Inline Fire Pump

MODEL: 4" 1593BF

RPM: 3500



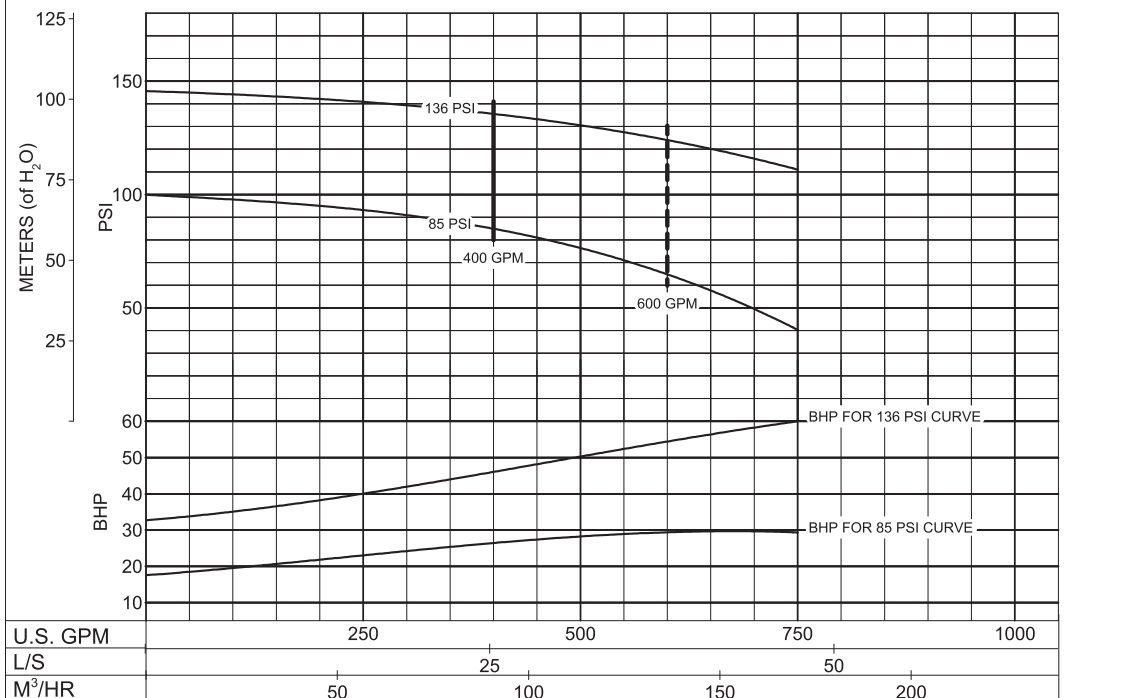
Curve No: PC-213783

69 to 135 P.S.I.

UL/FM Vertical Inline Fire Pump

MODEL: 4" 1592F

RPM: 3500



Curve No: PC-213781

85 to 136 P.S.I.

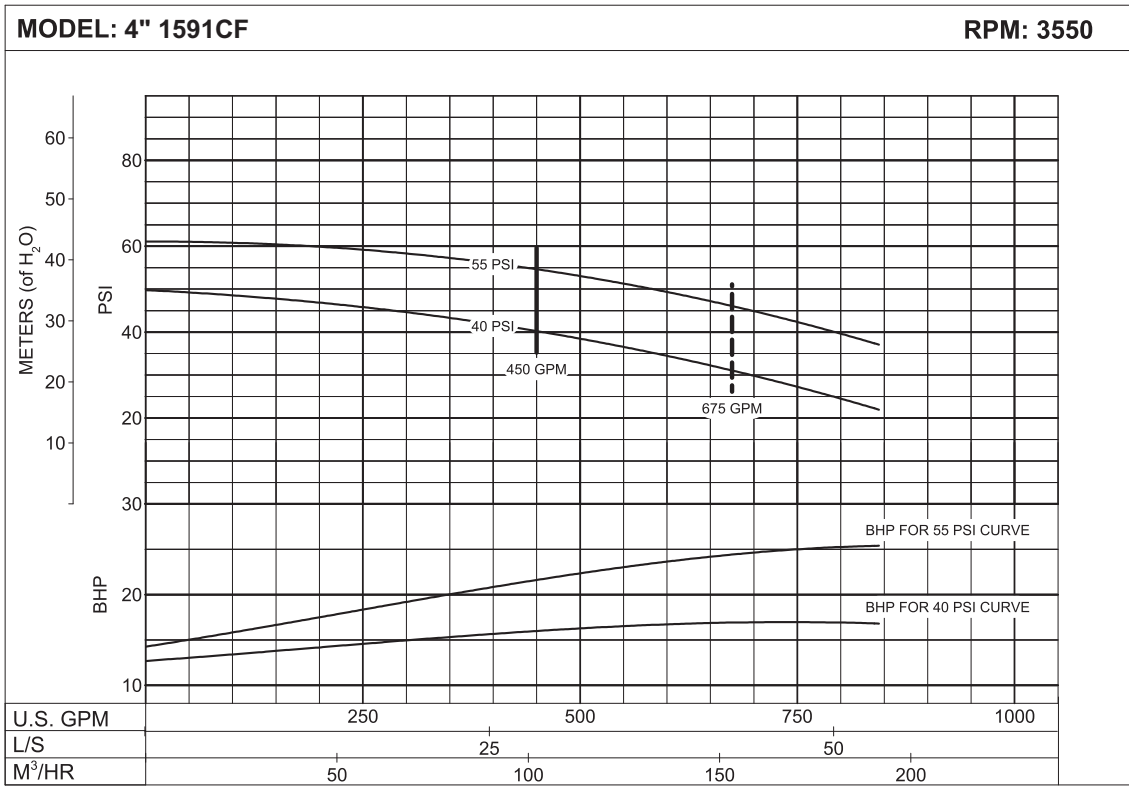


60 HERTZ ELECTRIC MOTOR DRIVE

450 GPM

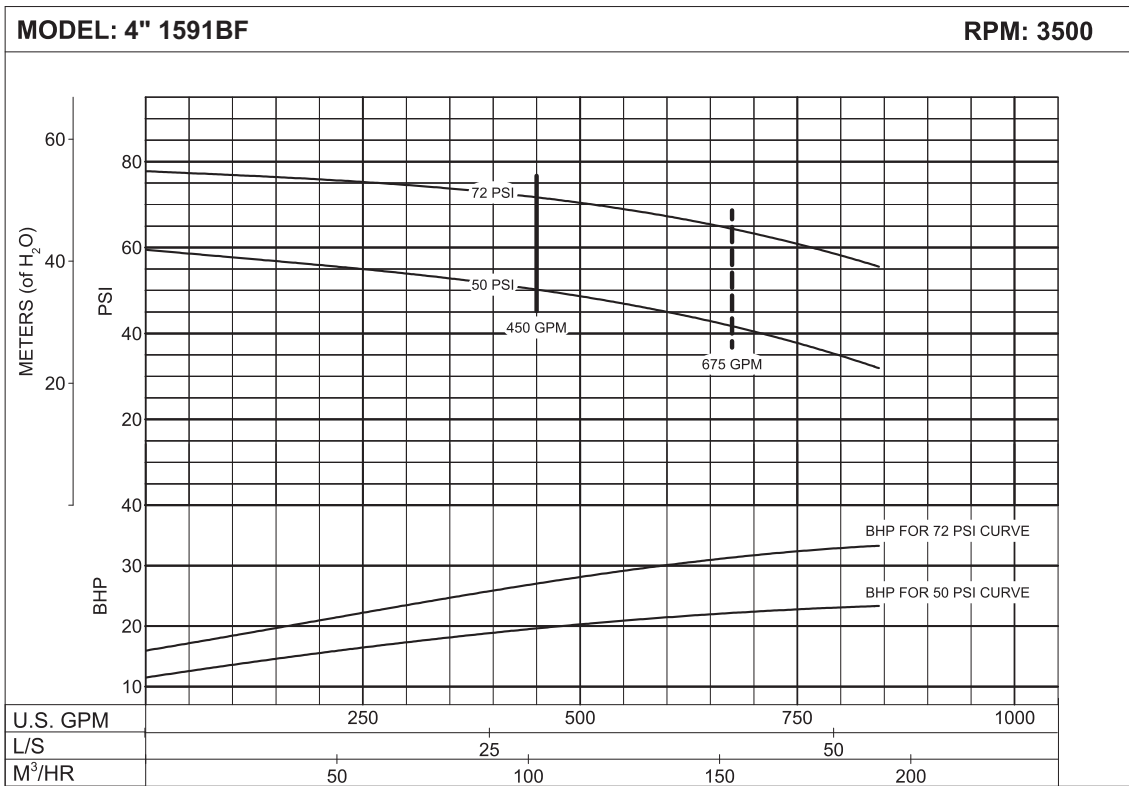
UL/FM Vertical Inline Fire Pump

**40
to
55
P.S.I.**



UL/FM Vertical Inline Fire Pump

**50
to
72
P.S.I.**



60 HERTZ ELECTRIC MOTOR DRIVE

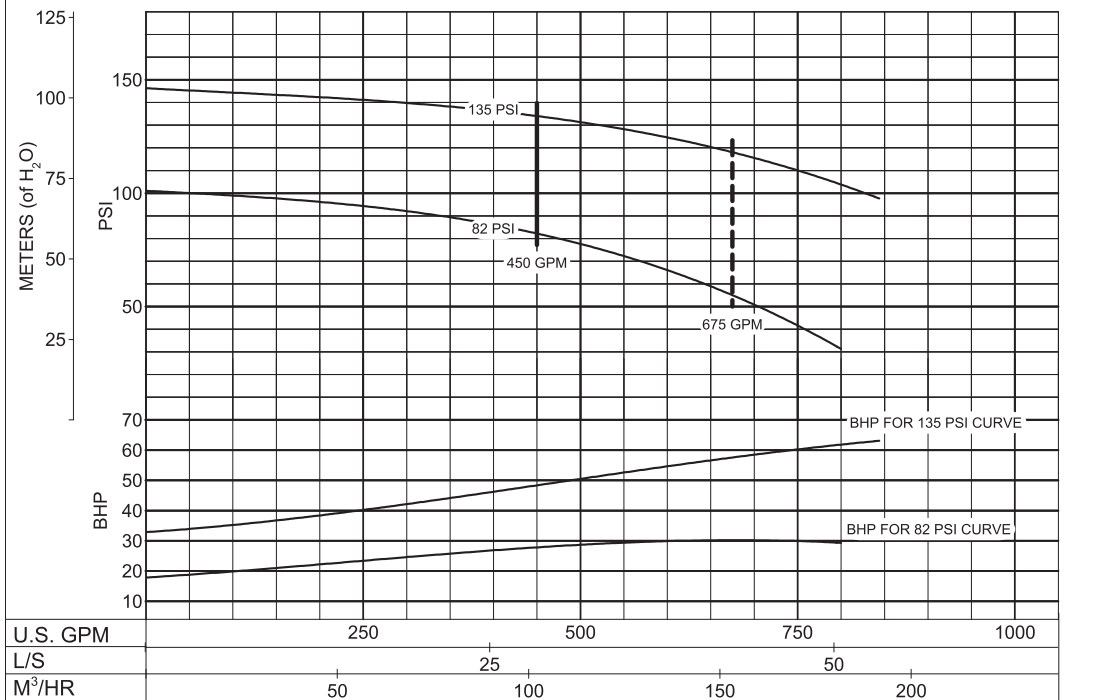
Date **September 2011**

450 GPM

UL/FM Vertical Inline Fire Pump

MODEL: 4" 1592F

RPM: 3500



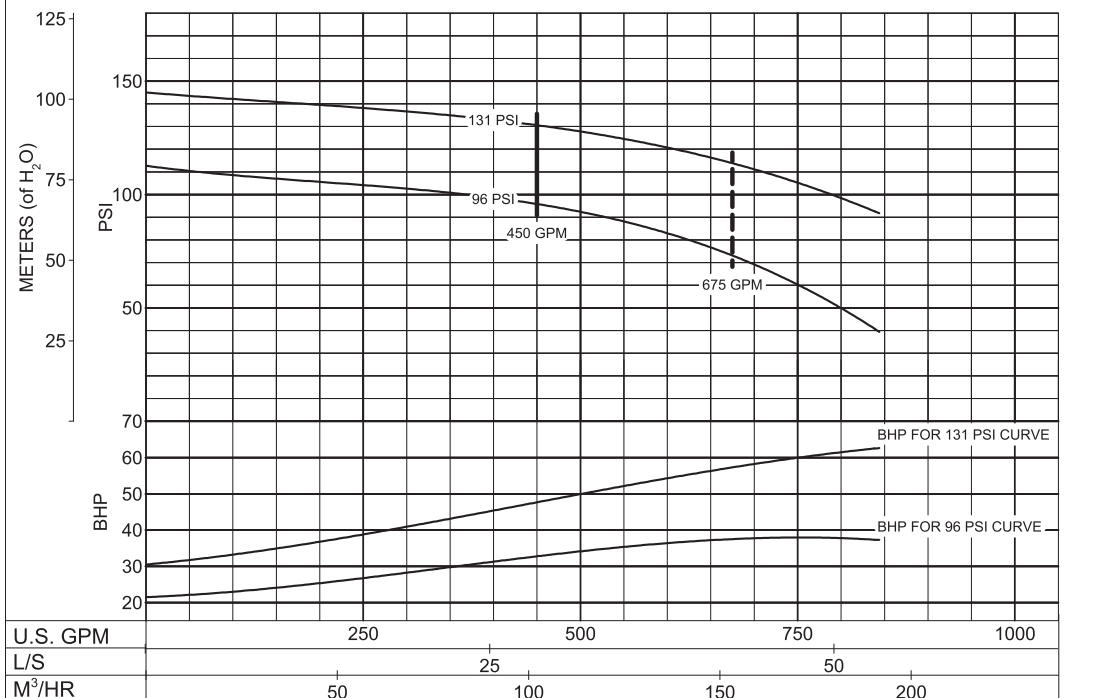
Curve No: PC-213782

82 to 135 P.S.I.

UL/FM Vertical Inline Fire Pump

MODEL: 4" 1593BF

RPM: 3500



Curve No: PC-159150

96 to 131 P.S.I.



60 HERTZ ELECTRIC MOTOR DRIVE

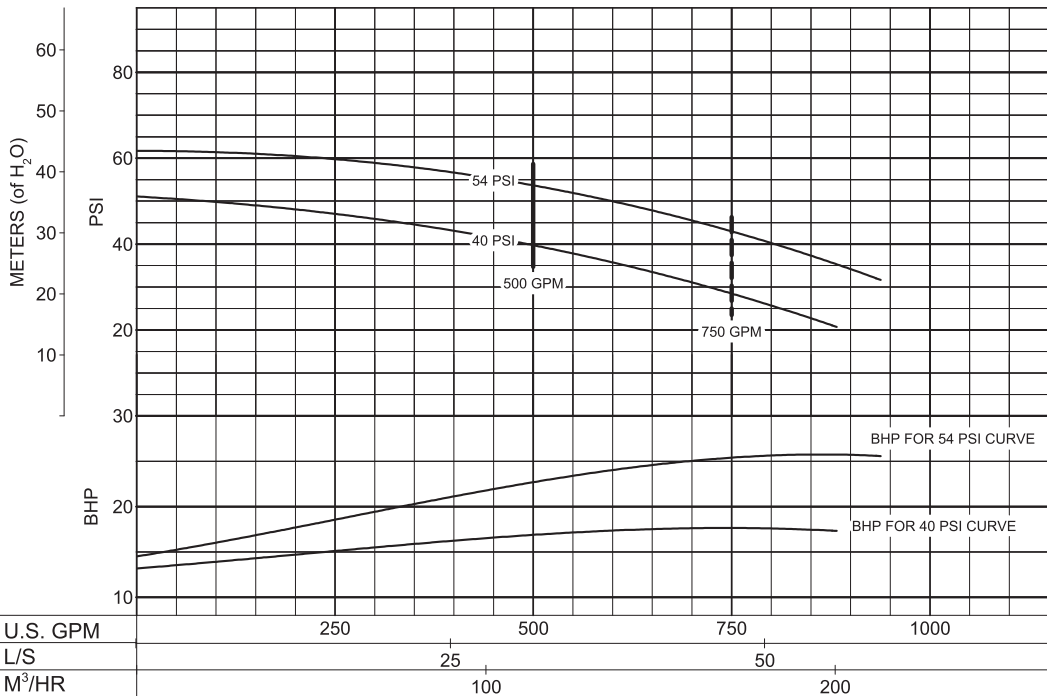
500 GPM

UL/FM Vertical Inline Fire Pump

MODEL: 4" 1591CF

RPM: 3550

**40
to
54
P.S.I.**



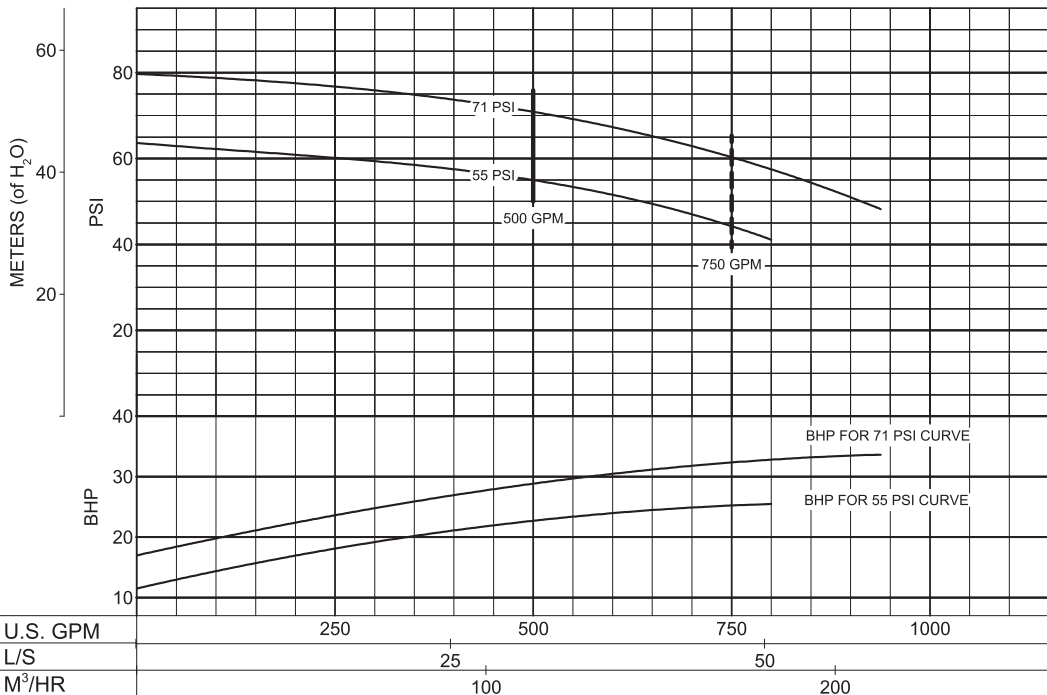
Curve No: PC-213689

UL/FM Vertical Inline Fire Pump

MODEL: 4" 1591BF

RPM: 3500

**55
to
71
P.S.I.**



Curve No: PC-160026A

60 HERTZ ELECTRIC MOTOR DRIVE

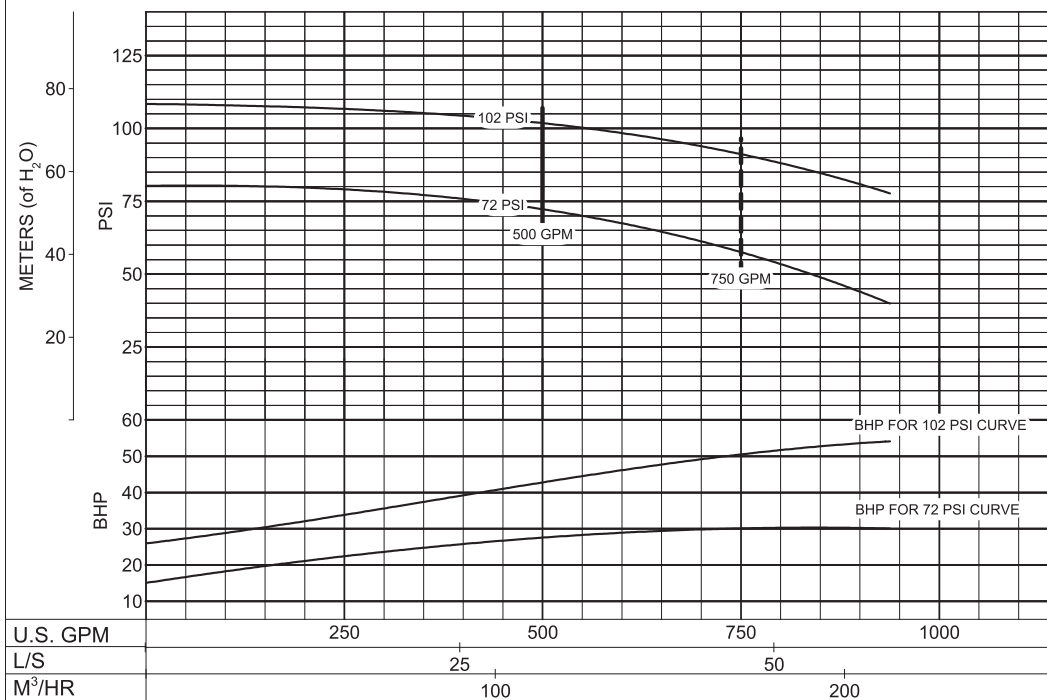
Date **September 2011**

500 GPM

UL/FM Vertical Inline Fire Pump

MODEL: 4" 1593CF

RPM: 3500



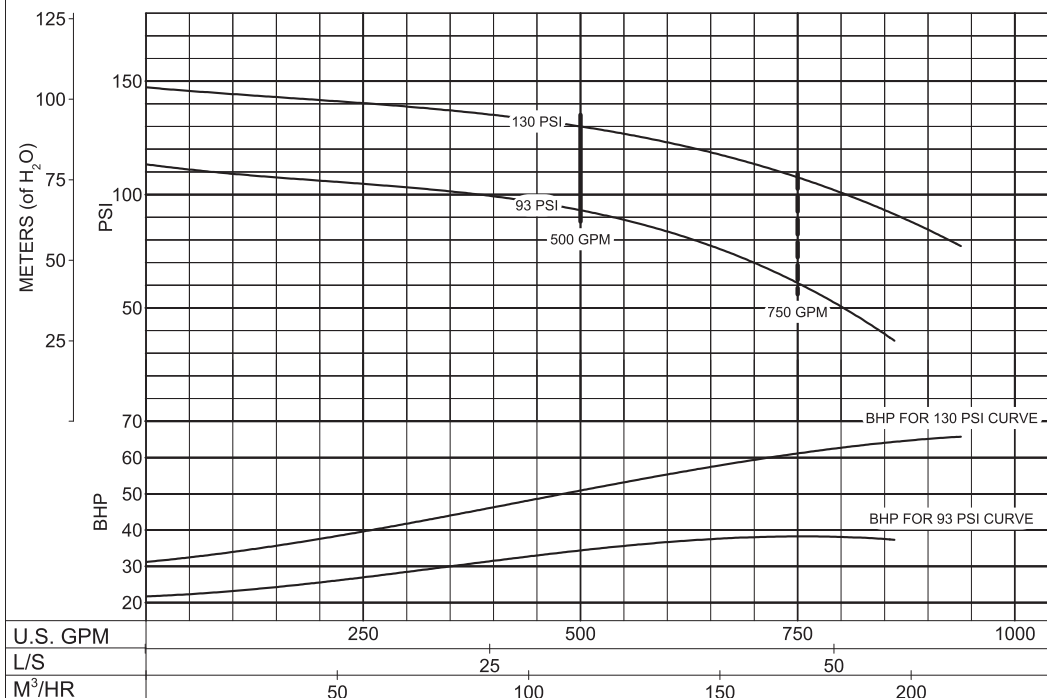
Curve No: PC-161862

72 to 102 P.S.I.

UL/FM Vertical Inline Fire Pump

MODEL: 4" 1593BF

RPM: 3500



Curve No: PC-213784

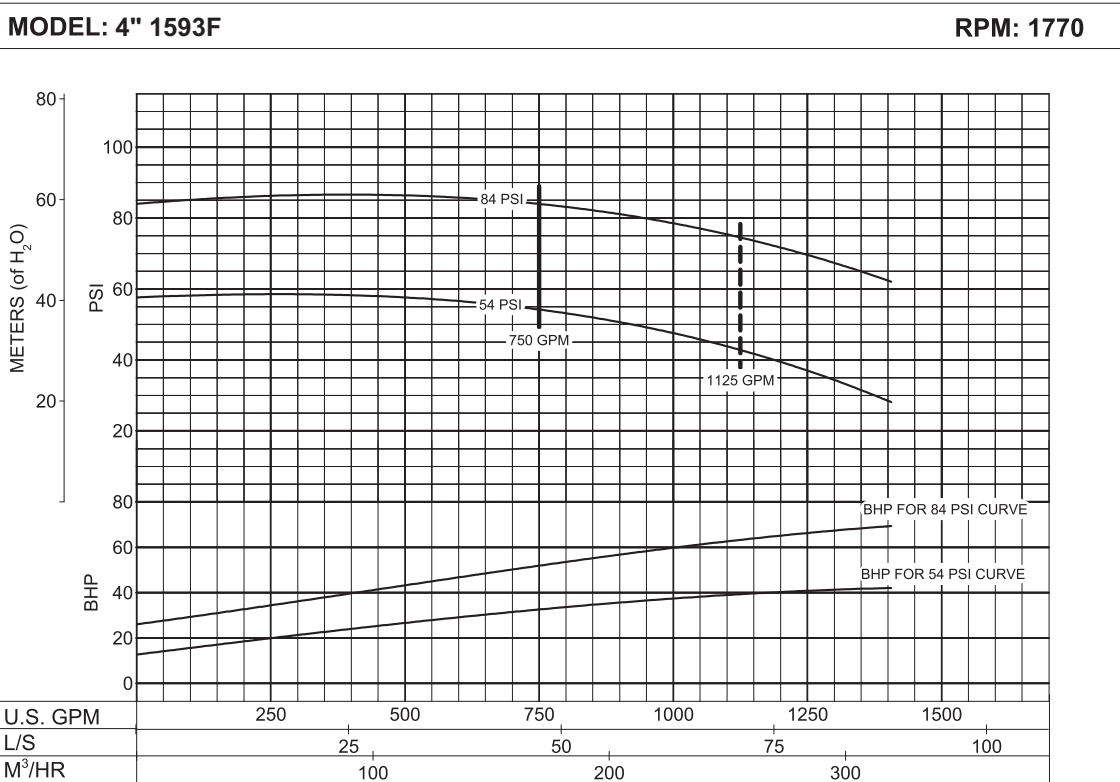
93 to 130 P.S.I.



60 HERTZ ELECTRIC MOTOR DRIVE

750 GPM

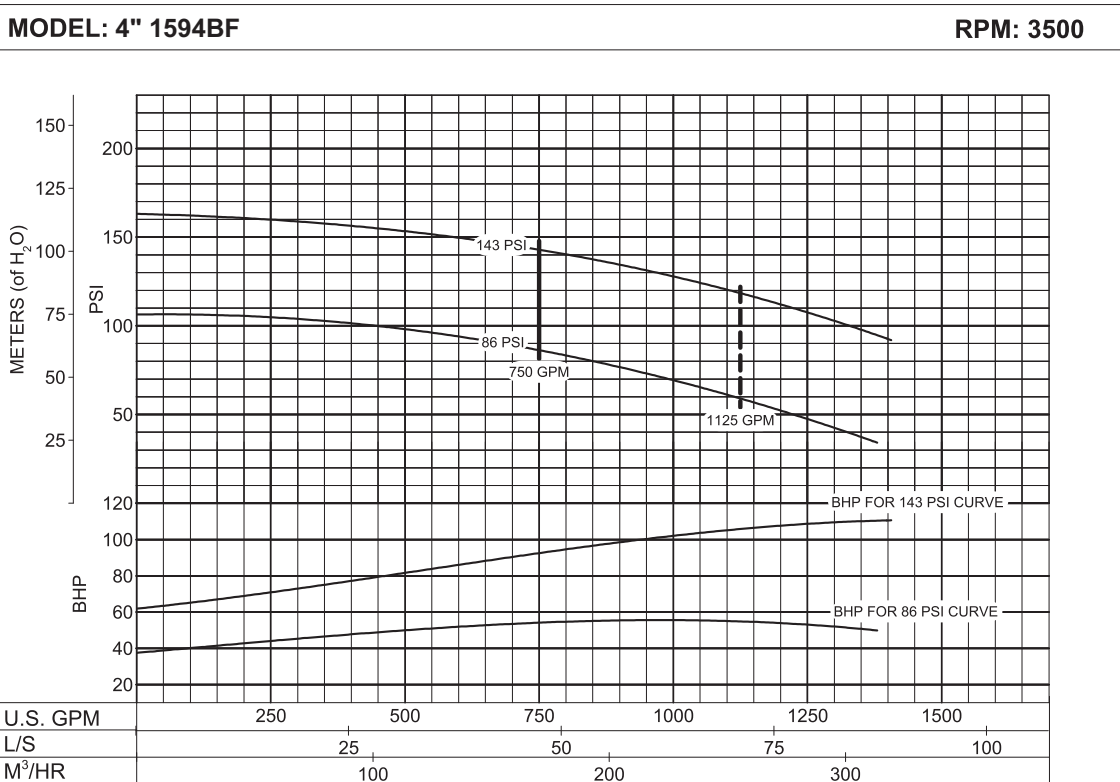
UL/FM Vertical Inline Fire Pump



Curve No: PC-160400

**54
to
84
P.S.I.**

UL/FM Vertical Inline Fire Pump



Curve No: PC-166231

**86
to
143
P.S.I.**

60 HERTZ ELECTRIC MOTOR DRIVE

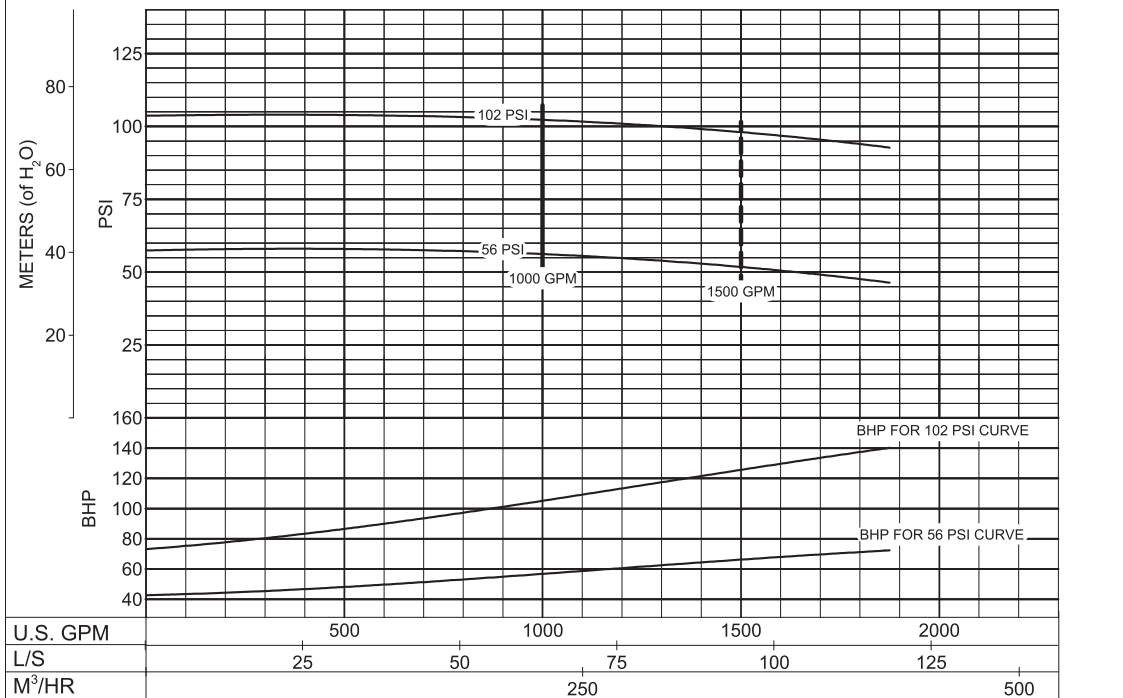
Date **September 2011**

1000 GPM

UL/FM Vertical Inline Fire Pump

MODEL: 8" 1593F

RPM: 1775



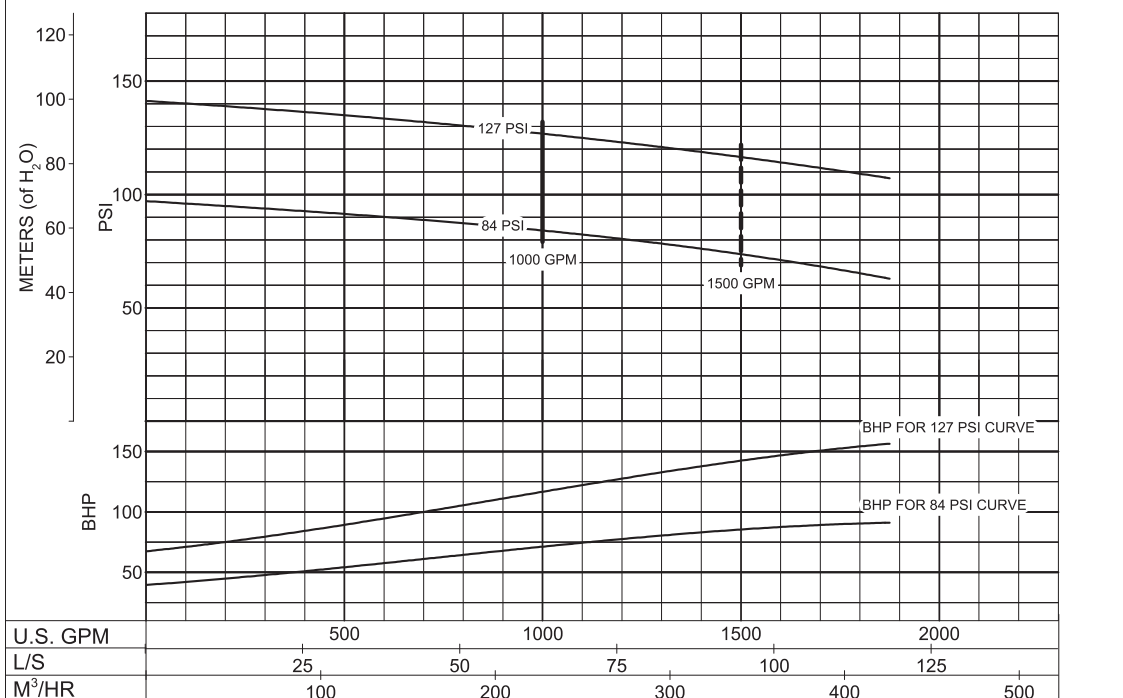
Curve No: PC-187842

56 to 102 P.S.I.

UL/FM Vertical Inline Fire Pump

MODEL: 8" 1595F

RPM: 1770



Curve No: PC-213309

84 to 127 P.S.I.



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60 HERTZ ELECTRIC MOTOR DRIVE

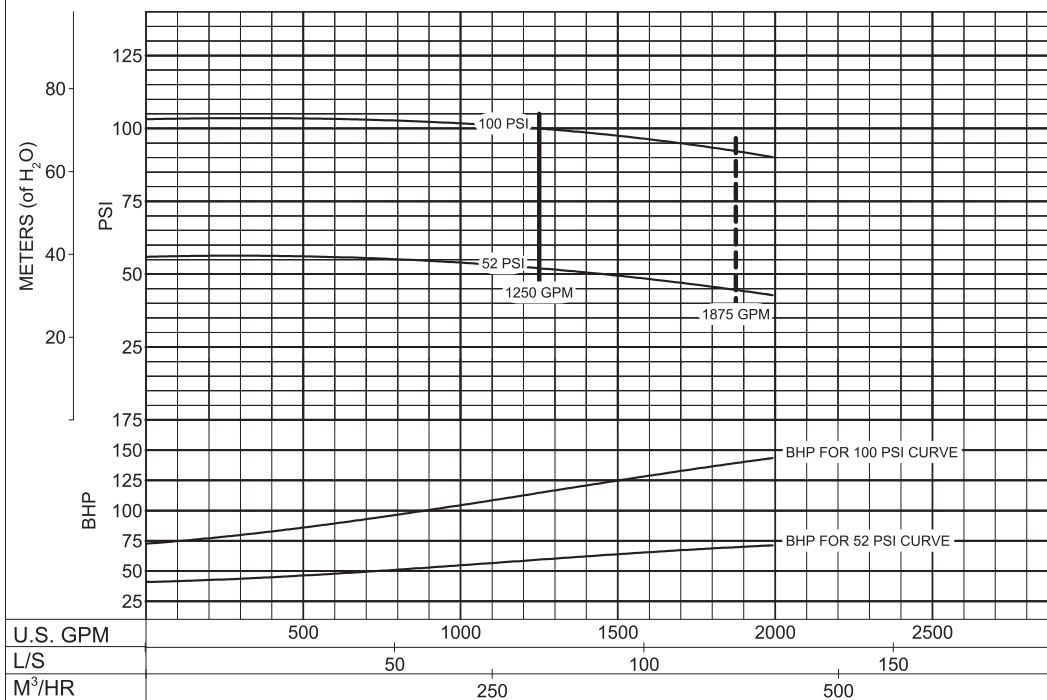
Date **September 2011**

1250 GPM

UL/FM Vertical Inline Fire Pump

MODEL: 8" 1593F

RPM: 1775



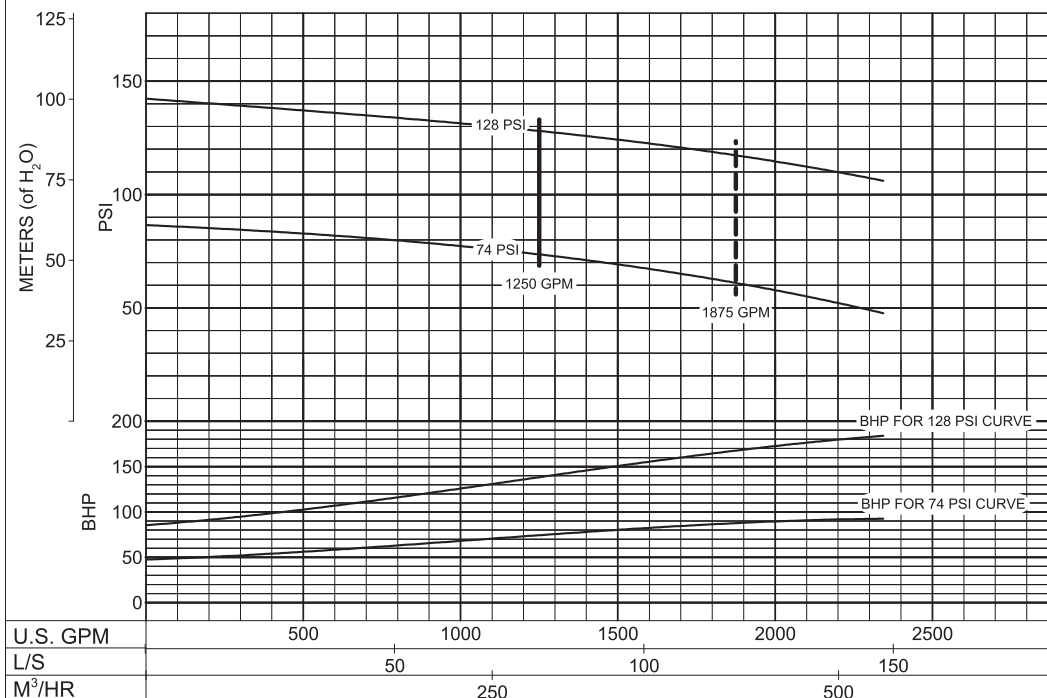
Curve No: PC-187843

52 to 100 P.S.I.

UL/FM Vertical Inline Fire Pump

MODEL: 8" 1595AF

RPM: 1770



Curve No: PC-213311

74 to 128 P.S.I.



60 HERTZ ELECTRIC MOTOR DRIVE

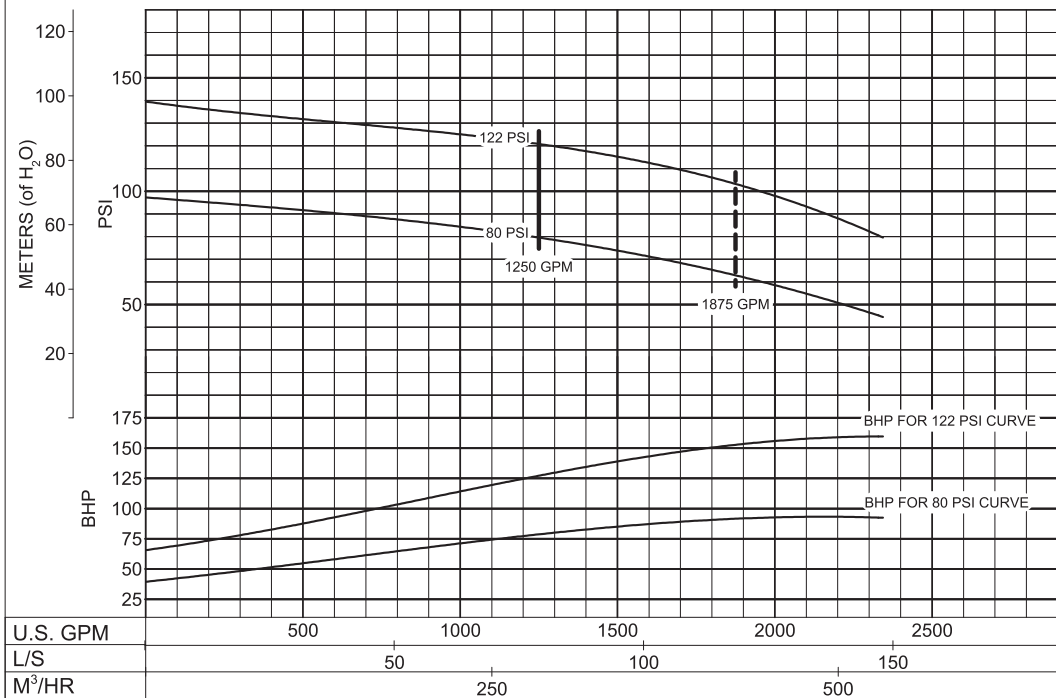
1250 GPM

UL/FM Vertical Inline Fire Pump

MODEL: 8" 1595F

RPM: 1770

**80
to
122
P.S.I.**



Curve No: PC-213310

60 HERTZ ELECTRIC MOTOR DRIVE

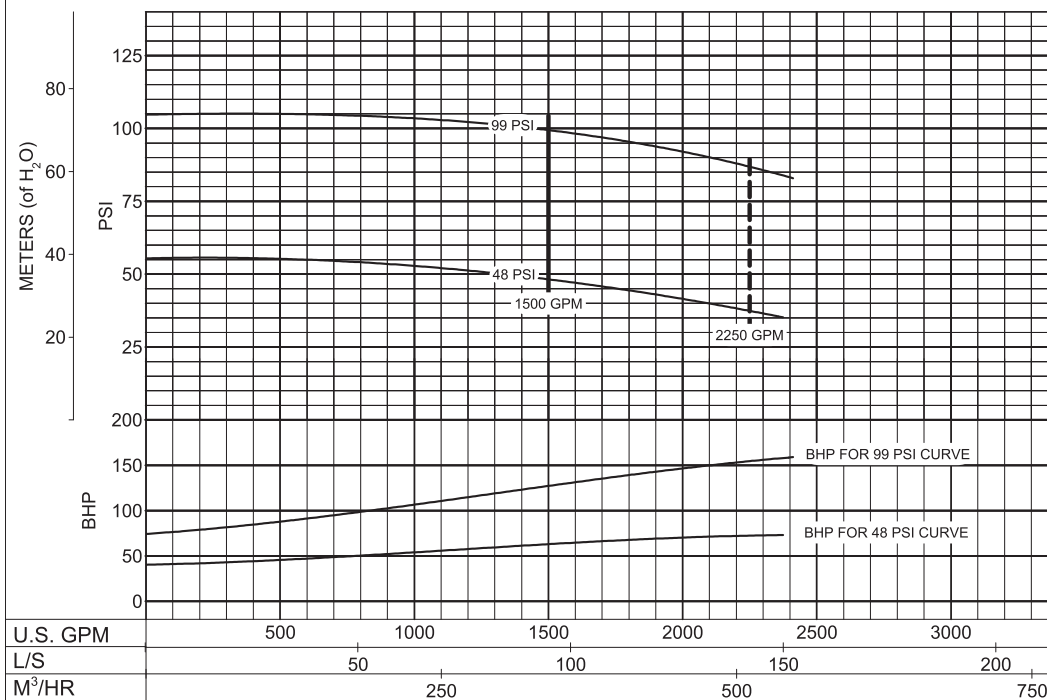
Date **September 2011**

1500 GPM

UL/FM Vertical Inline Fire Pump

MODEL: 8" 1593F

RPM: 1775



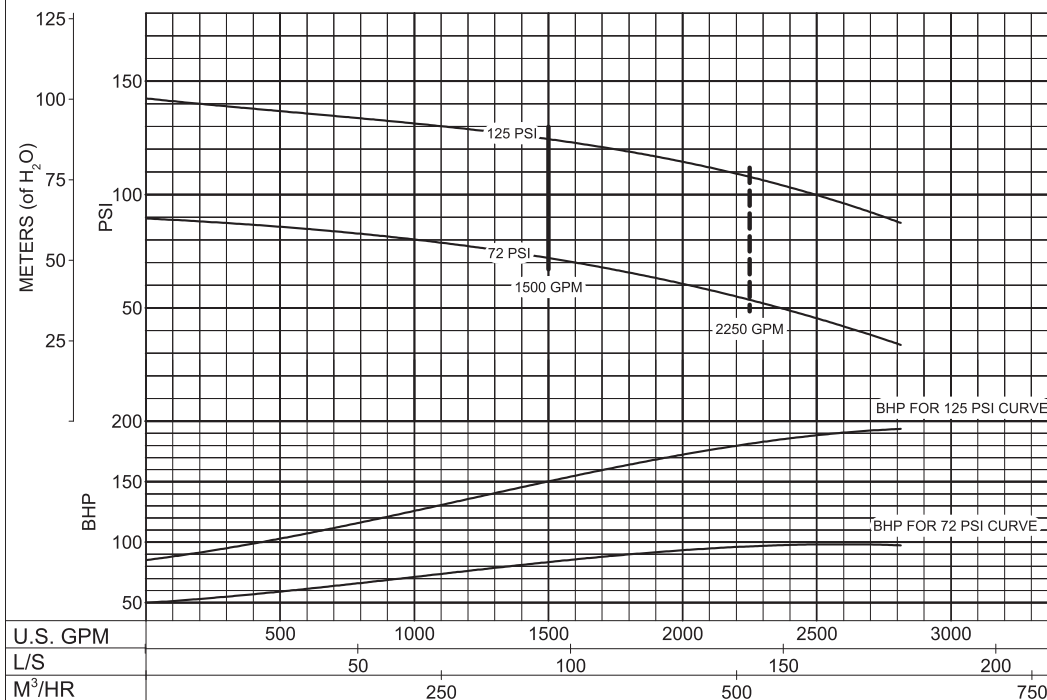
48 to 99 P.S.I.

Curve No: PC-187844

UL/FM Vertical Inline Fire Pump

MODEL: 8" 1595AF

RPM: 1770



72 to 125 P.S.I.

Curve No: PC-213312

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50 HERTZ ELECTRIC MOTOR DRIVE

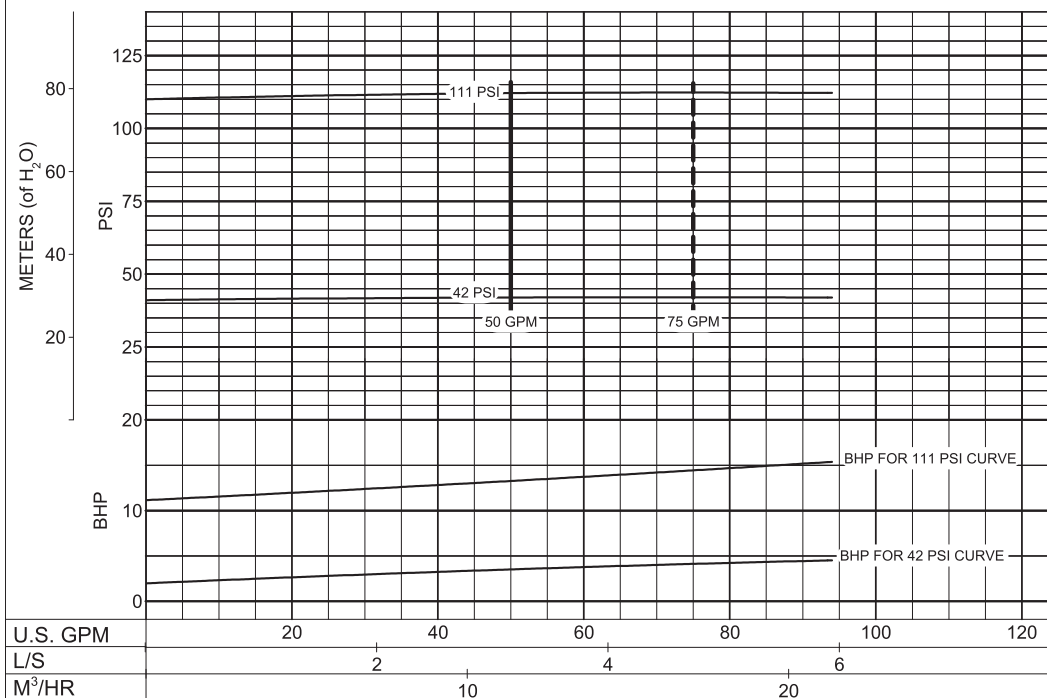
Date **September 2011**

50 GPM

UL/FM Vertical Inline Fire Pump

MODEL: 3" 1592AF

RPM: 2950



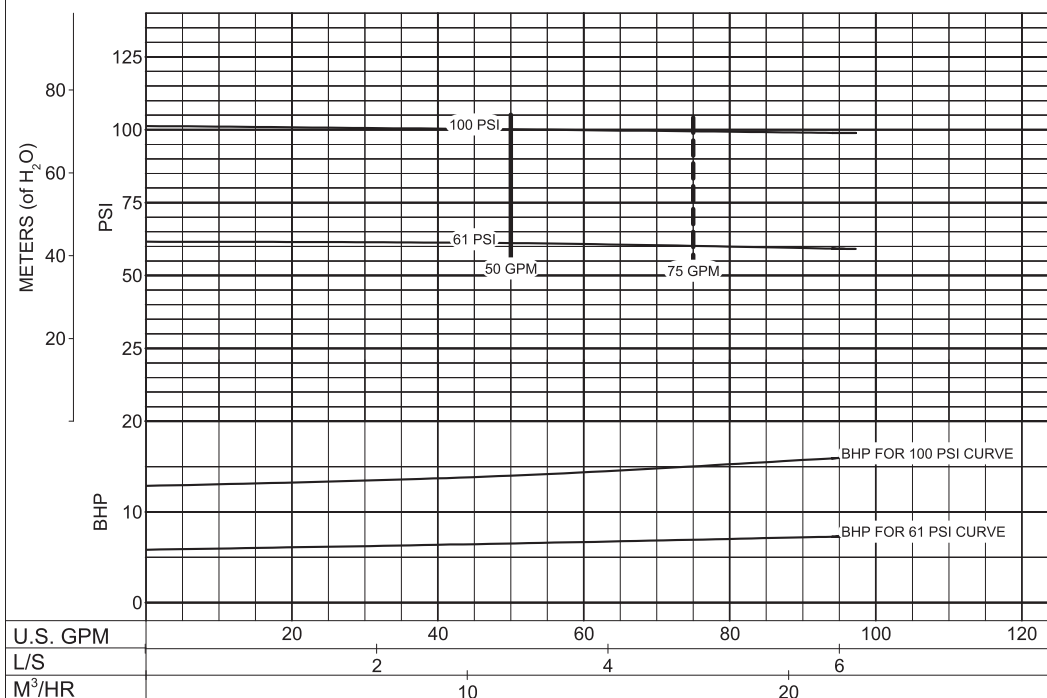
Curve No: PC-157938

42 to 111 P.S.I.

UL/FM Vertical Inline Fire Pump

MODEL: 3" 1593BF

RPM: 2950



Curve No: PC-213313

61 to 100 P.S.I.

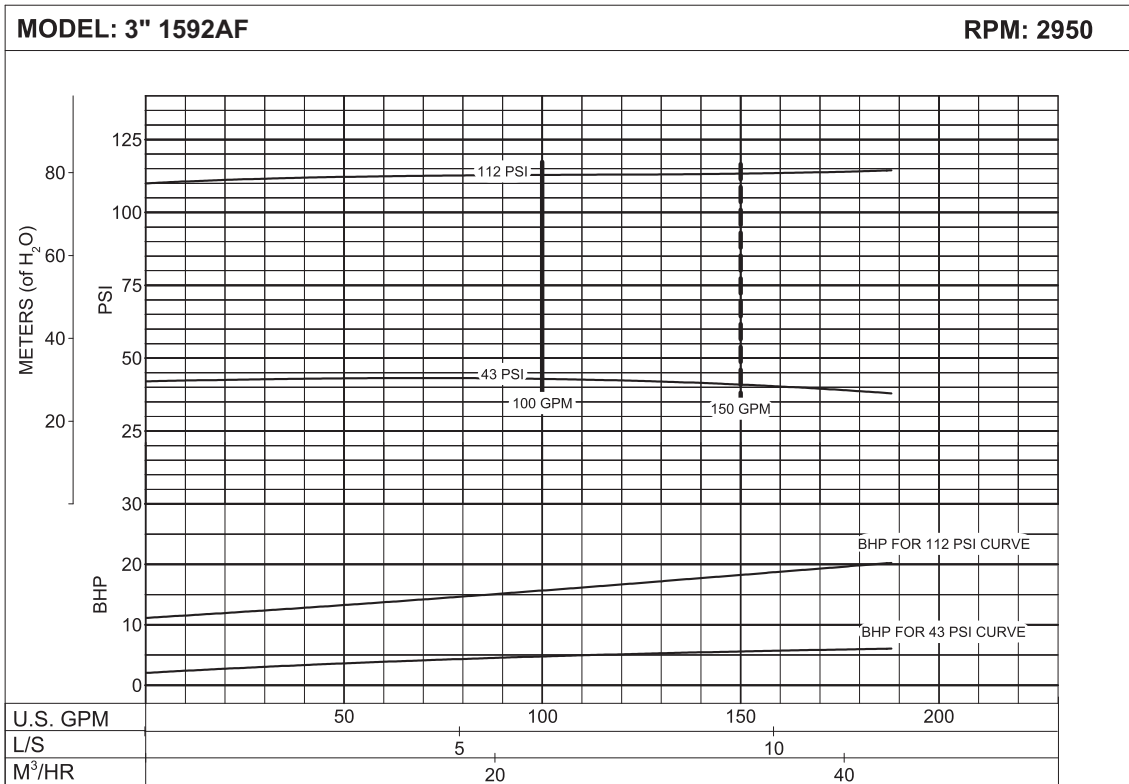


50 HERTZ ELECTRIC MOTOR DRIVE

100 GPM

UL/FM Vertical Inline Fire Pump

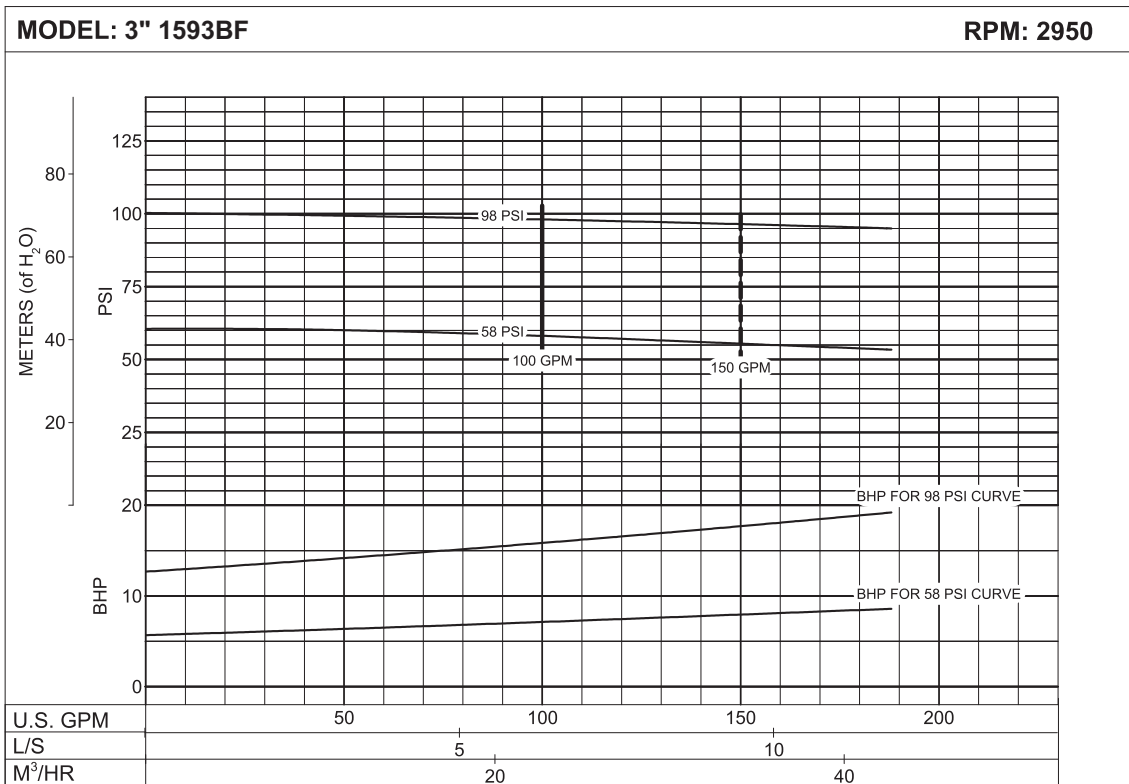
**43
to
112
P.S.I.**



Curve No: PC-213766

UL/FM Vertical Inline Fire Pump

**58
to
98
P.S.I.**



Curve No: PC-213314

50 HERTZ ELECTRIC MOTOR DRIVE

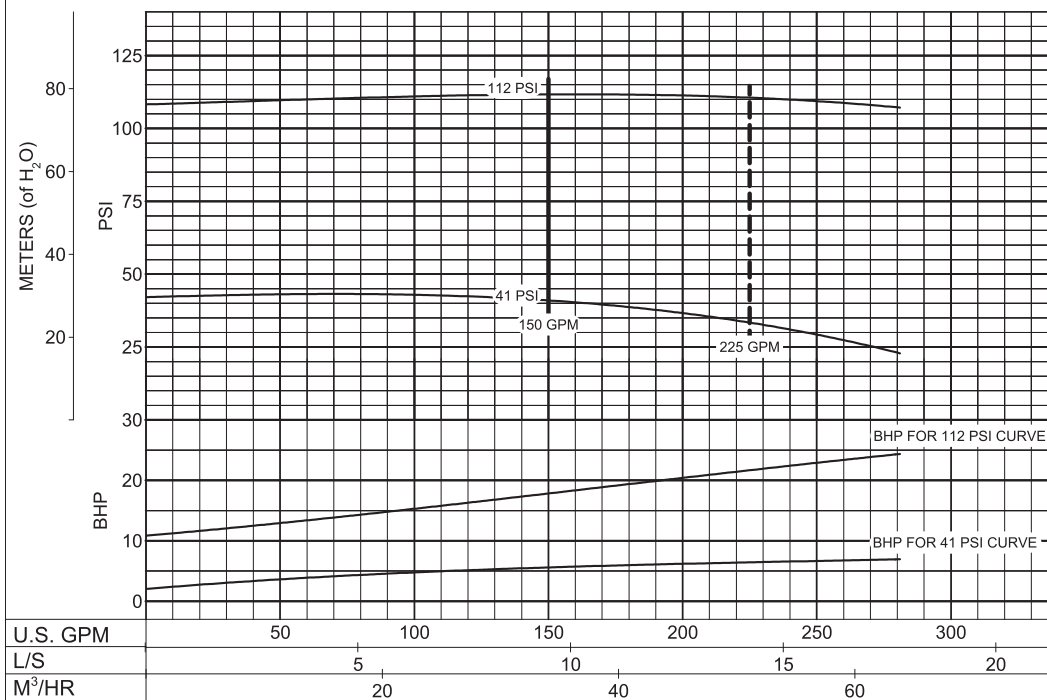
Date **September 2011**

150 GPM

UL/FM Vertical Inline Fire Pump

MODEL: 3" 1592AF

RPM: 2950



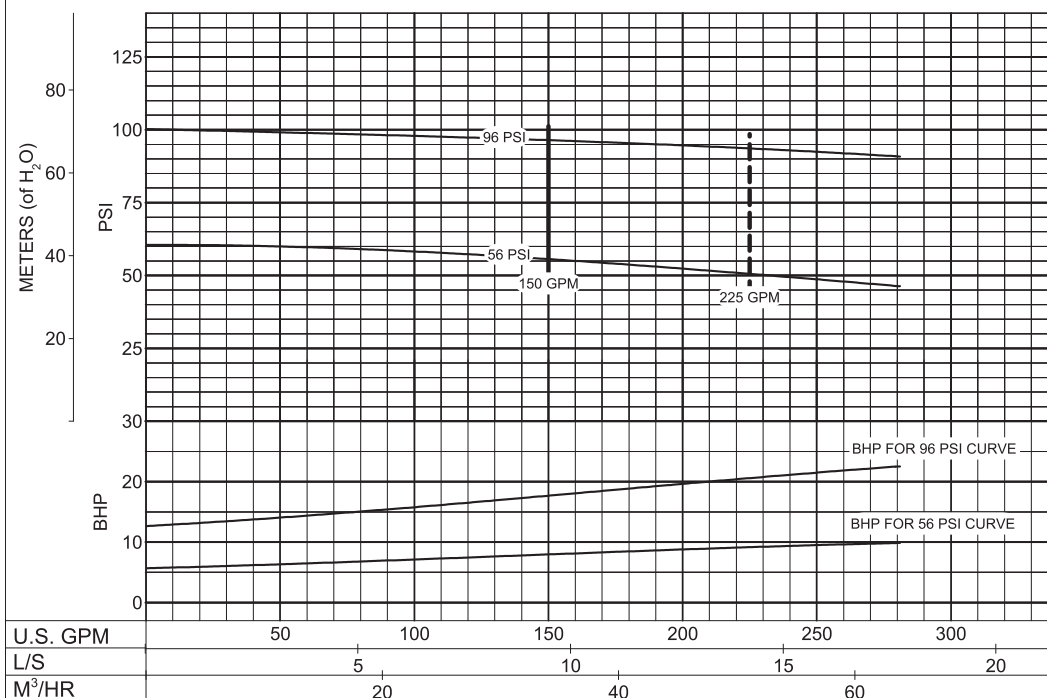
Curve No: PC-213767

41 to 112 P.S.I.

UL/FM Vertical Inline Fire Pump

MODEL: 3" 1593BF

RPM: 2950



Curve No: PC-213315

56 to 96 P.S.I.



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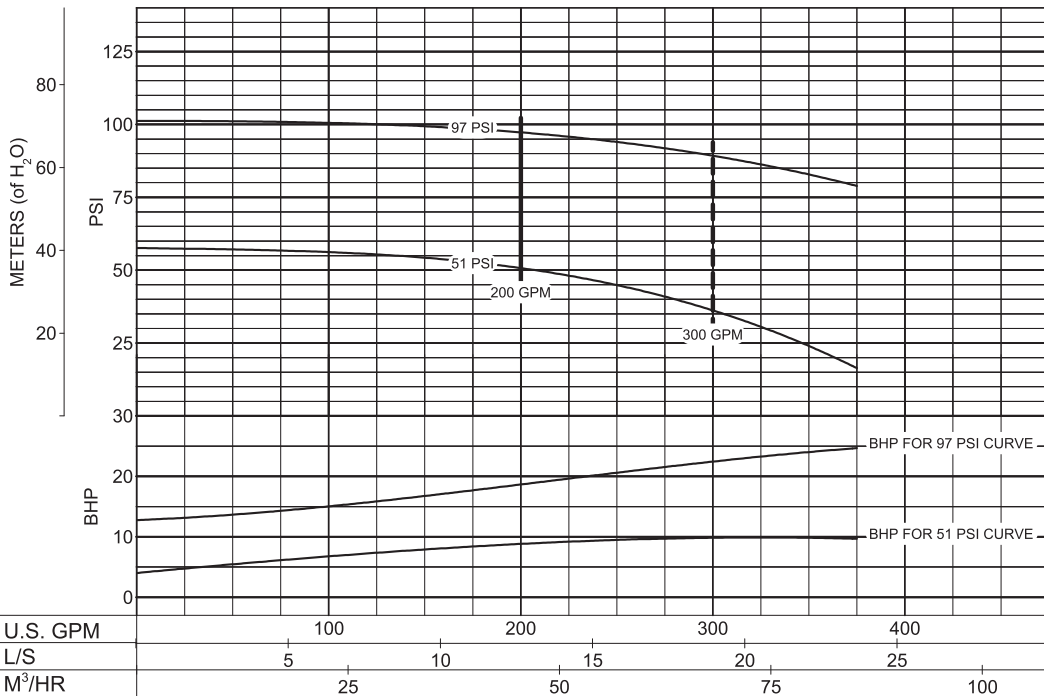
50 HERTZ ELECTRIC MOTOR DRIVE

200 GPM

UL/FM Vertical Inline Fire Pump

MODEL: 3" 1593F

RPM: 2950



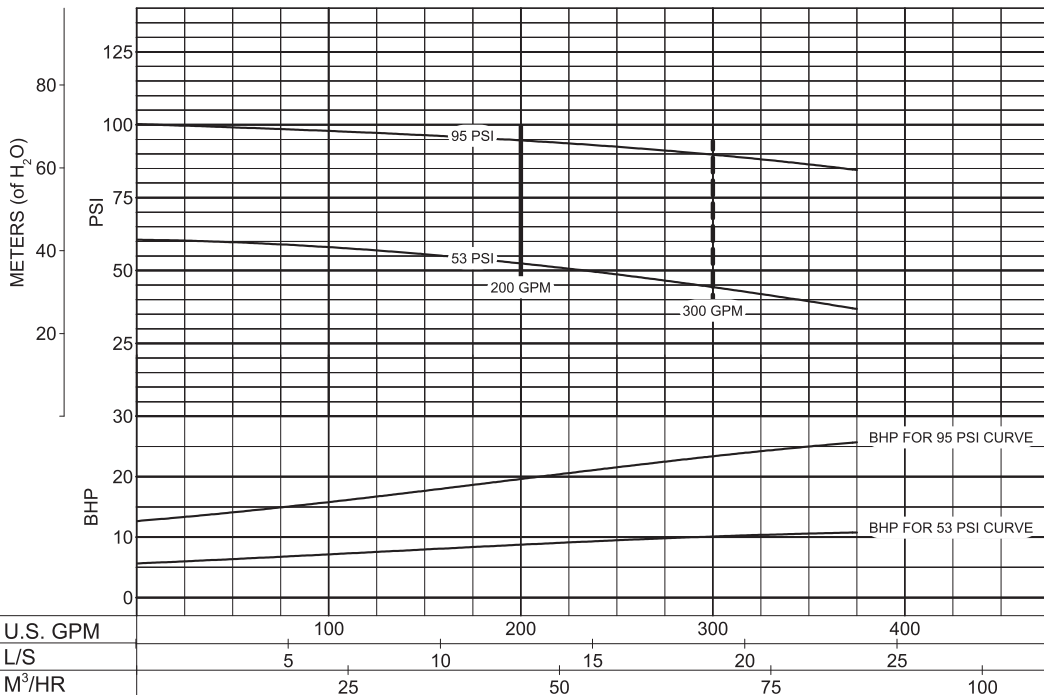
Curve No: PC-157939

**51
to
97
P.S.I.**

UL/FM Vertical Inline Fire Pump

MODEL: 3" 1593BF

RPM: 2950



Curve No: PC-213316

**53
to
95
P.S.I.**

50 HERTZ ELECTRIC MOTOR DRIVE

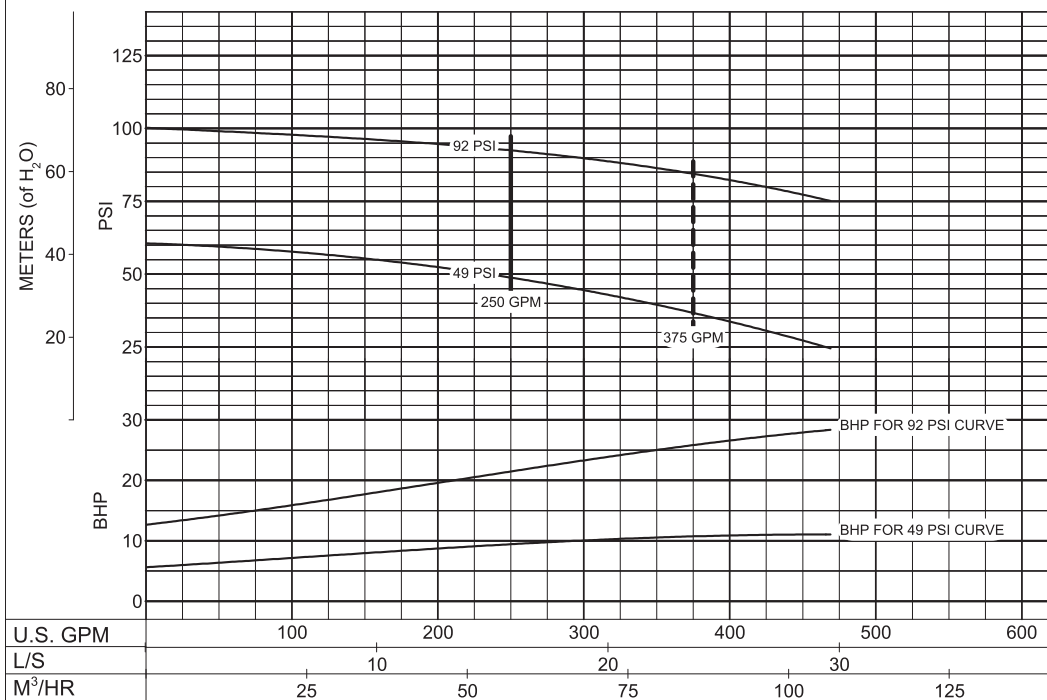
Date **September 2011**

250 GPM

UL/FM Vertical Inline Fire Pump

MODEL: 3" 1593BF

RPM: 2950



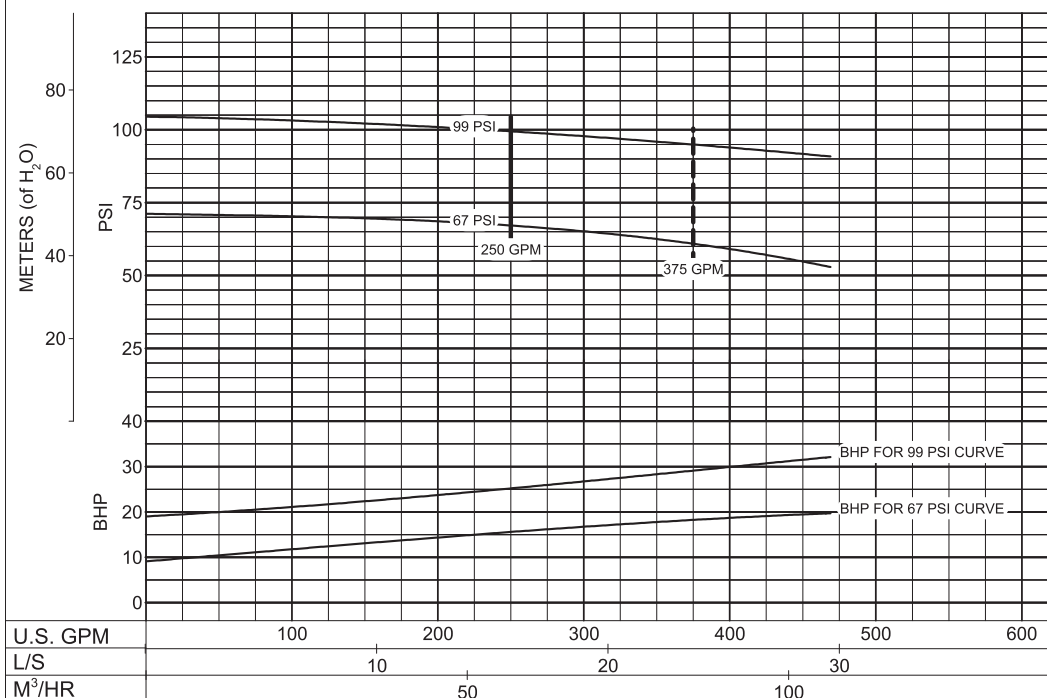
Curve No: PC-213317

49 to 92 P.S.I.

UL/FM Vertical Inline Fire Pump

MODEL: 4" 1592F

RPM: 2950



Curve No: PC-157940

67 to 99 P.S.I.



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50 HERTZ ELECTRIC MOTOR DRIVE

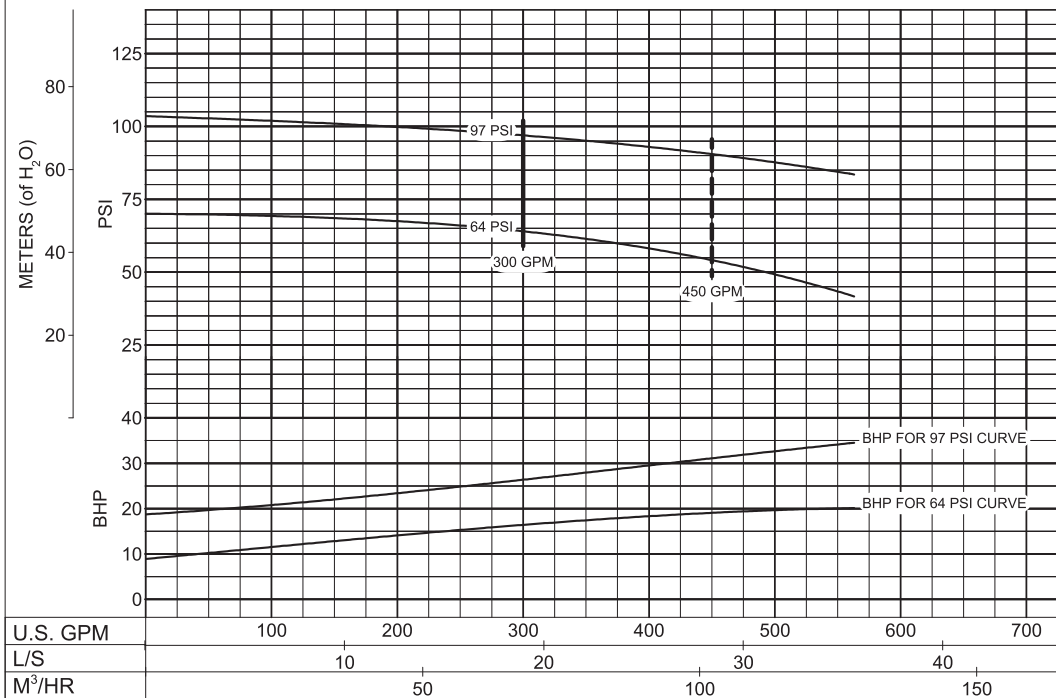
300 GPM

UL/FM Vertical Inline Fire Pump

MODEL: 4" 1592F

RPM: 2950

**64
to
97
P.S.I.**



Curve No: PC-213768

50 HERTZ ELECTRIC MOTOR DRIVE

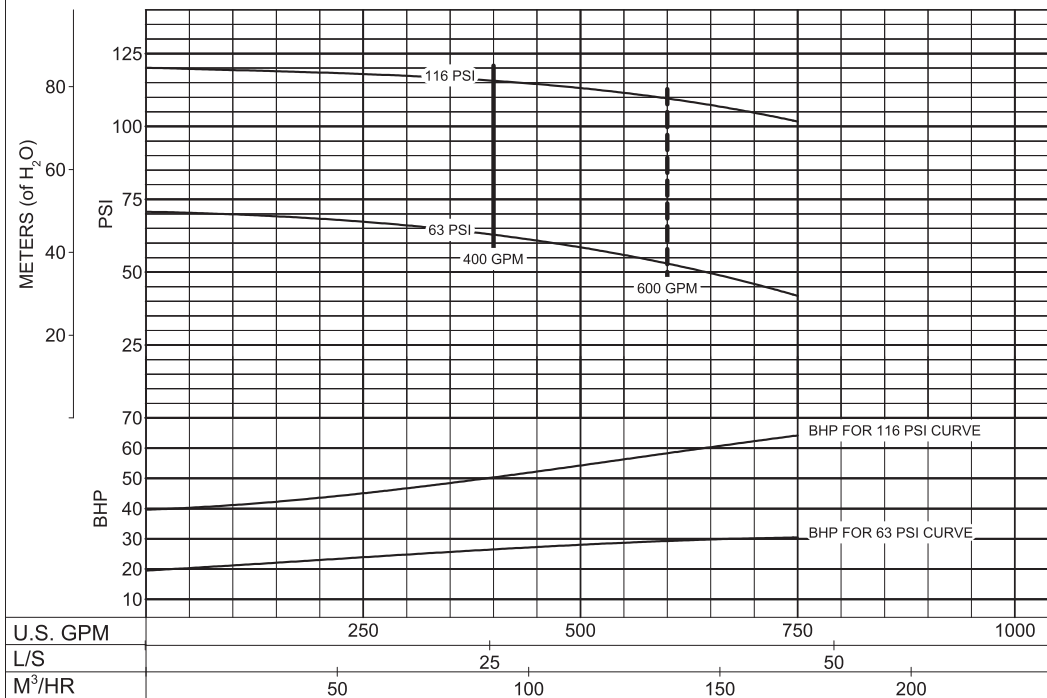
Date **September 2011**

400 GPM

UL/FM Vertical Inline Fire Pump

MODEL: 4" 1594F

RPM: 2950



Curve No: PC-160399

**63
to
116
P.S.I.**

50 HERTZ ELECTRIC MOTOR DRIVE

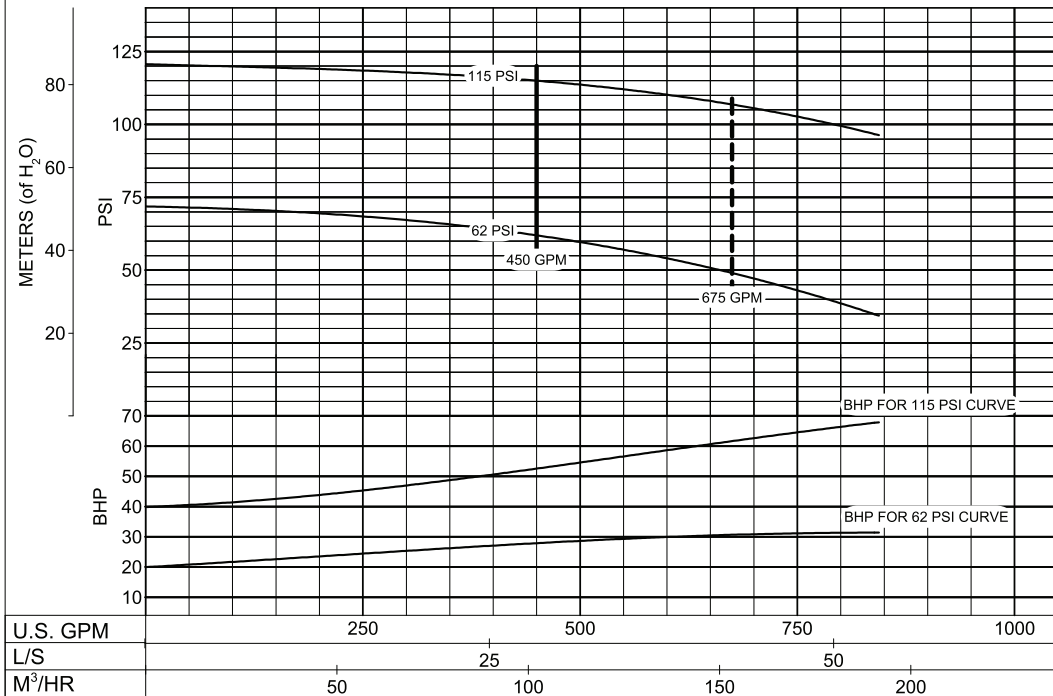
450 GPM

UL/FM Vertical Inline Fire Pump

MODEL: 4" 1594F

RPM: 2950

**62
to
115
P.S.I.**



Curve No: PC-213769

50 HERTZ ELECTRIC MOTOR DRIVE

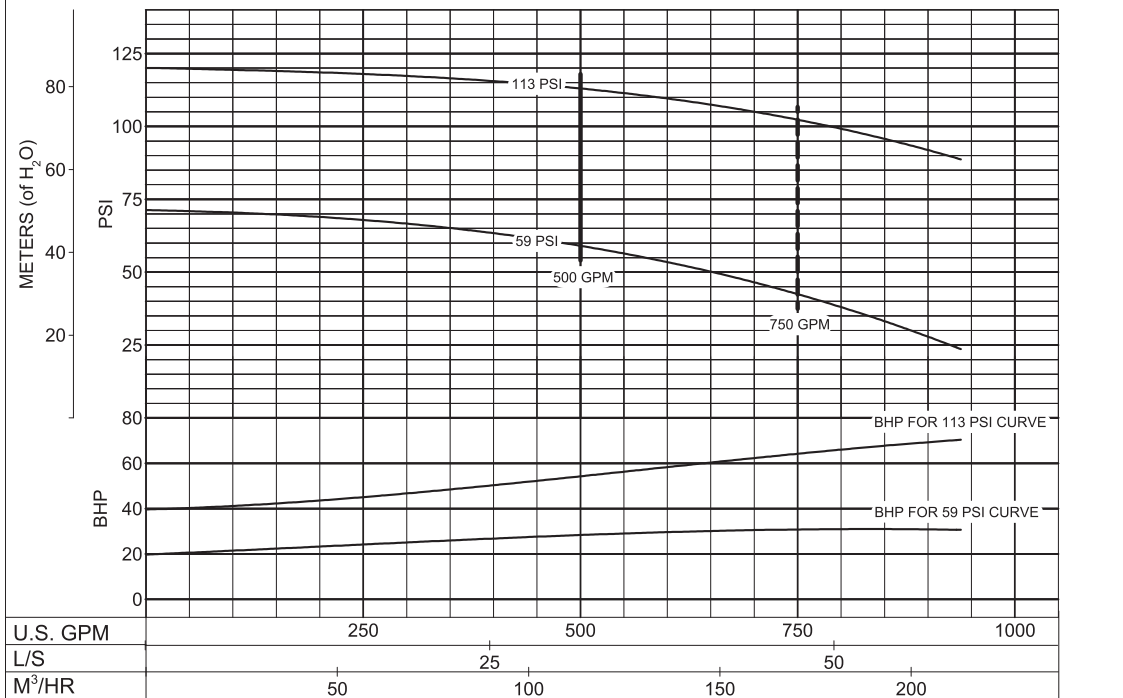
Date **September 2011**

500 GPM

UL/FM Vertical Inline Fire Pump

MODEL: 4" 1594F

RPM: 2950



**59
to
113
P.S.I.**

Curve No: PC-213770

50 HERTZ ELECTRIC MOTOR DRIVE

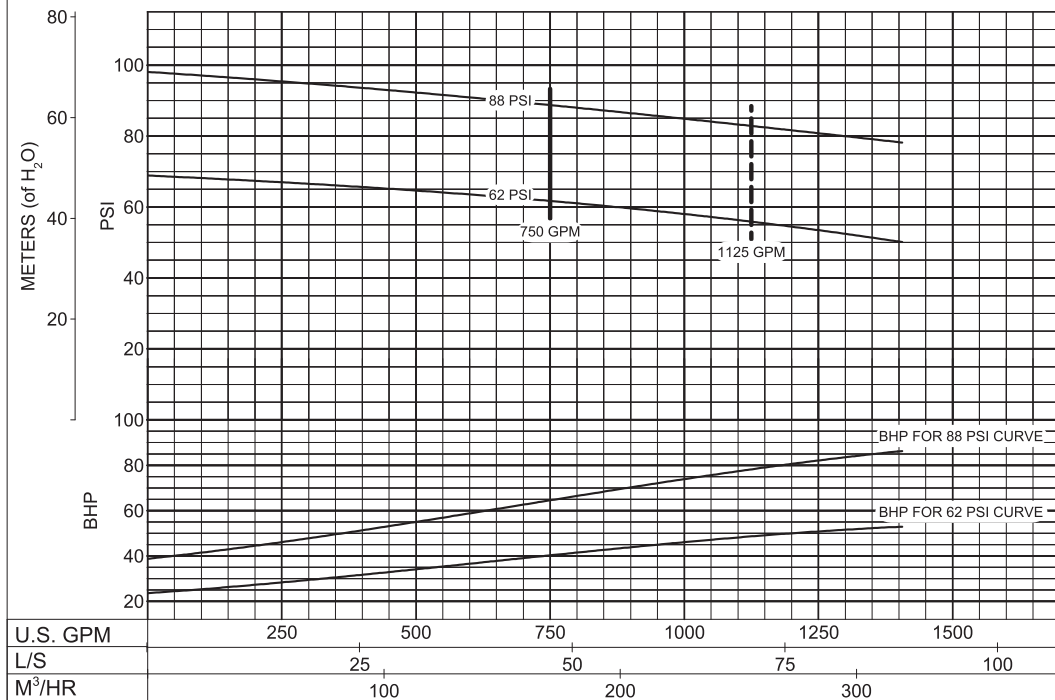
750 GPM

UL/FM Vertical Inline Fire Pump

MODEL: 8" 1595F

RPM: 1475

**62
to
88
P.S.I.**



Curve No: PC-213318

50 HERTZ ELECTRIC MOTOR DRIVE

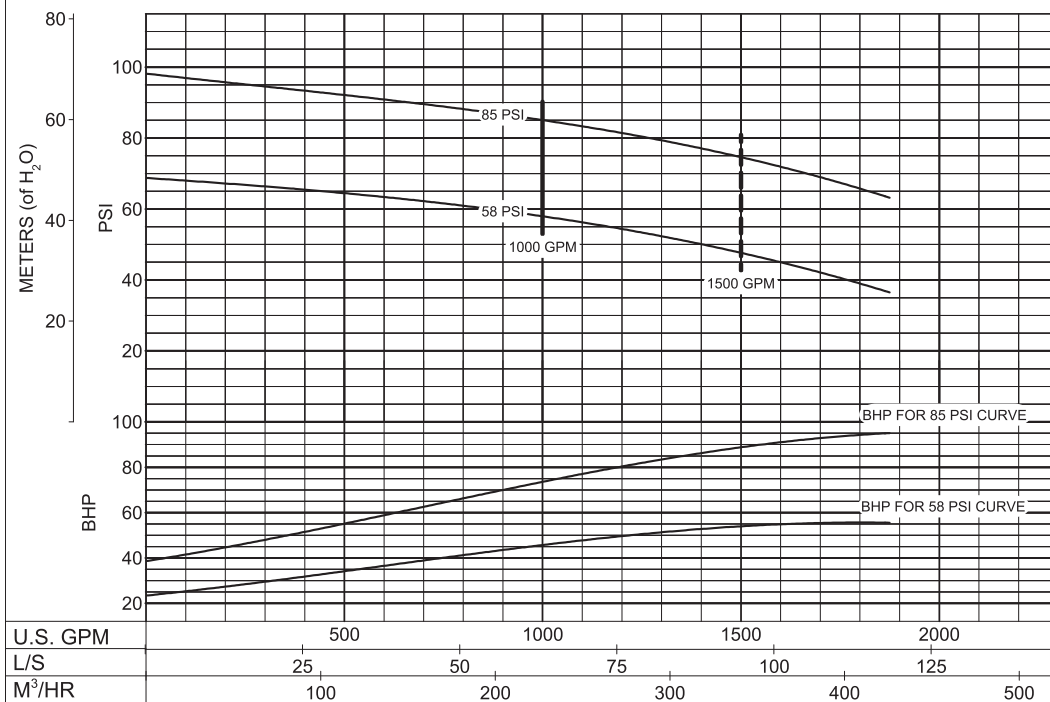
Date **September 2011**

1000 GPM

UL/FM Vertical Inline Fire Pump

MODEL: 8" 1595F

RPM: 1475



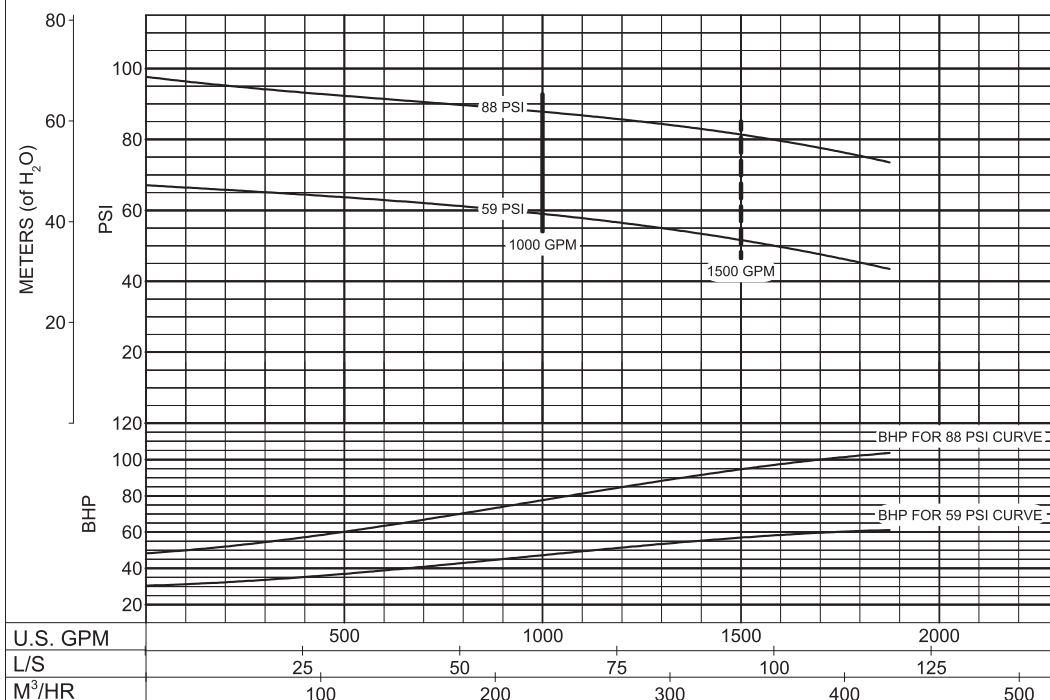
Curve No: PC-213319

58 to 85 P.S.I.

UL/FM Vertical Inline Fire Pump

MODEL: 8" 1595AF

RPM: 1475



Curve No: PC-213320

59 to 88 P.S.I.



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50 HERTZ ELECTRIC MOTOR DRIVE

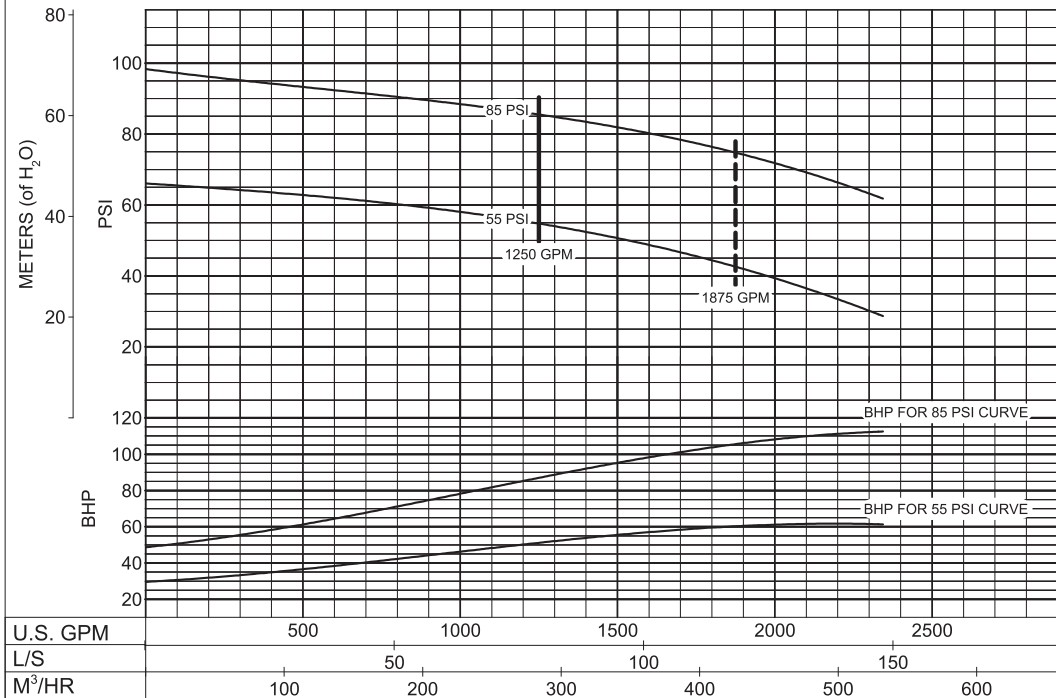
1250 GPM

UL/FM Vertical Inline Fire Pump

MODEL: 8" 1595AF

RPM: 1475

**55
to
85
P.S.I.**



Curve No: PC-213321