

# FP 2.4

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January, 06

## FIRE PUMP SYSTEMS

Dimensions - Motor Driven  
250, 500, 750, 1000,  
1500, 2000, 2500 GPM

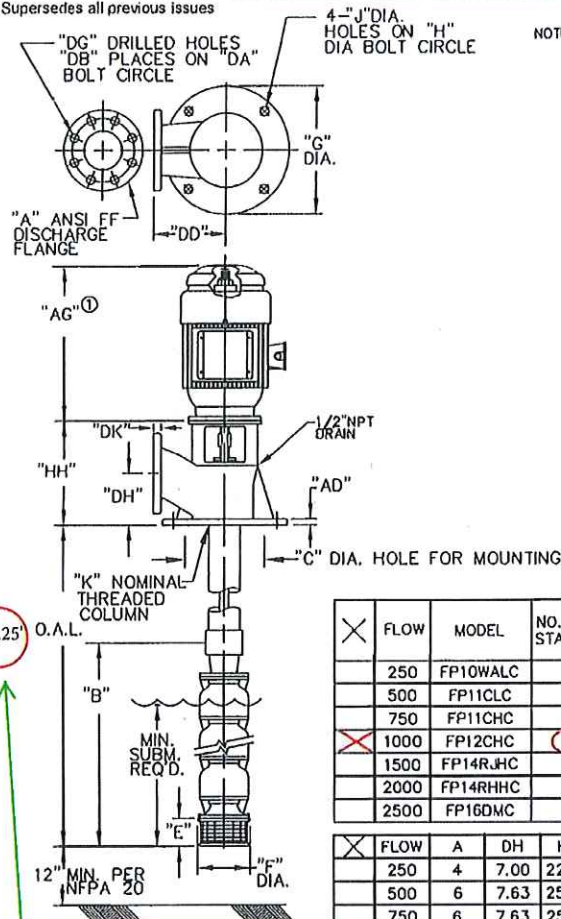
## A-C Fire Pump Systems



ITT Industries  
Engineered for life



Supersedes all previous issues



OK. Contractor to set pump pad height to maintain 12" bowl strainer to reservoir floor clearance

- NOTES : 1 DIMENSION BASED ON MOTOR HEIGHT OF A STANDARD WP-1 HOLLOW SHAFT MOTOR. SUBJECT TO CHANGE DEPENDING ON MOTOR MFG. AND/OR THE USE OF A MOTOR ADAPTOR.  
2 DIMENSIONS ARE IN INCHES UNLESS OTHERWISE INDICATED.  
3 WHEN MOTOR IS OIL LUBRICATED, OIL IS NOT FURNISHED. SEE OPERATION MANUAL FOR MANUFACTURER'S RECOMMENDATIONS.

125# DISCHARGE FLANGE						
×	A	DA	DB	DG	DK	DD
4	7.50	8	.62	1.00	10.00	
6	9.50	8	.75	1.00	10.25	
8	11.75	8	.75	1.12	11.50	
10	14.25	12	.88	1.19	14.00	

250# DISCHARGE FLANGE						
×	A	DA	DB	DG	DK	DD
4	7.88	8	.78	1.00	10.00	
6	10.63	12	.75	1.44	10.69	
8	13.00	12	.88	1.63	12.00	
10	15.25	16	1.00	1.88	14.69	

×	FLOW	MODEL	NO. OF STAGES	B - 1ST STAGE	B - ADD'L STAGE	C	E	F	K
	250	FP10WALC		22.26	7.63	12.25	6.63	11.25	4
	500	FP11CLC		25.26	9.88	13.25	6.25	12.13	6
	750	FP11CHC		25.26	9.88	13.25	6.25	12.13	6
×	1000	FP12CHC	4	28.26	11.00	13.25	6.25	12.13	6
	1500	FP14RJHC		30.51	11.50	15.00	9.63	14.00	8
	2000	FP14RHHC		42.51	13.63	15.00	11.38	13.75	10
	2500	FP16DMC		52.25	15.25	19.00	16.00	17.50	10

×	FLOW	A	DH	HH	AD	G	J	H	MIN SUBM.
	250	4	7.00	22.00	1.19	16.00	.63	14.00	23.93
	500	6	7.63	25.00	1.19	19.00	.75	17.00	29.25
	750	6	7.63	25.00	1.19	19.00	.75	17.00	33.75
×	1000	6	7.63	25.00	1.19	19.00	.75	17.00	40.25
	1500	8	8.75	26.00	1.19	21.00	.75	18.75	51.63
	2000	10	10.56	28.25	1.37	25.00	.75	22.75	61.38
	2500	10	10.56	28.25	1.37	25.00	.75	22.75	66.00

NOT FOR CONSTRUCTION, INSTALLATION OR APPLICATION PURPOSES UNLESS CERTIFIED.

CERTIFIED FOR: Lower Fort Garry

APPROVAL

UL FM ULC  
☒ ☒ ☒

CUSTOMER ORDER NO:

IDENTIFICATION NO:

PUMP DATA	SIZE	NO. OF STAGES	CURVE NO.	GPM	HEAD (PSI)	ROTATION	FLANGES
	6x12CHC	4	1000FP12CHC	1000	140	—	125#
MOTOR DATA	HP	RPM	VOLTS	PHASE	HERTZ	FRAME SIZE	ENCLOSURE
	125	1770	575	3	60	—	WP-1

SHOP ORDER:

CERTIFIED BY:

TOTAL WEIGHT

DATE



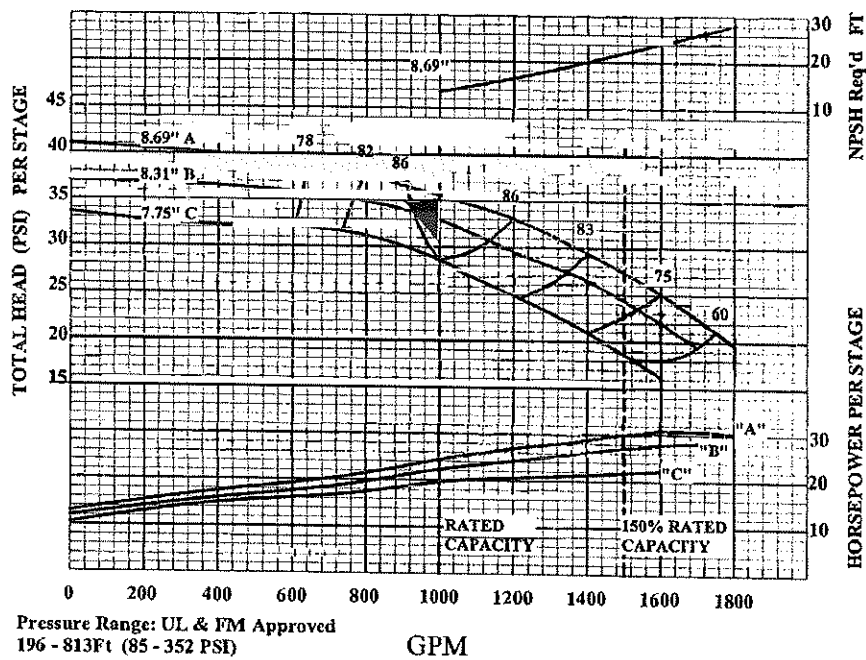
# PERFORMANCE CURVES

FP 2.0

1000 GPM

OCTOBER 2012

SUPERSEDES ALL PREVIOUS ISSUES



NPSH Req'd FT

HORSEPOWER PER STAGE

Curve No.	1000FP12CHC
Model:	FP12CHC
RPM:	1770
Efficiency Correction	STG: 1 -3.0 STG: 2 -2.0 STG: 3 -0.5
Perf based on	STD materials
Impeller:	C03087B
NS =	2100
K =	5.10 LBS/FT 7.59 KG/M
Characteristics based upon pumping clear non-aerated water. Rating point only is guaranteed. Column losses not included.	

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