

## Series PiB 4380 Close Coupled Vertical-In-line Pumps

## SUBMITTAL

JOB: _____	REPRESENTATIVE: _____
_____	_____
ENGINEER: _____	ORDER NO: _____ DATE: _____
CONTRACTOR: _____	SUBMITTED BY: _____ DATE: _____
_____	APPROVED BY: _____ DATE: _____

PUMP DESIGN DATA	
PUMP MODEL:	QUANTITY REQUIRED:
CAPACITY: USgpm (l/s)	HEAD: ft. (m)
LIQUID:	TEMPERATURE: °F (°C)
FLANGE RATING: ANSI 125	
MAXIMUM WORKING PRESSURE: 175 psig (12 BAR)	
MAXIMUM OPERATING TEMPERATURE: 250°F (121°C)	

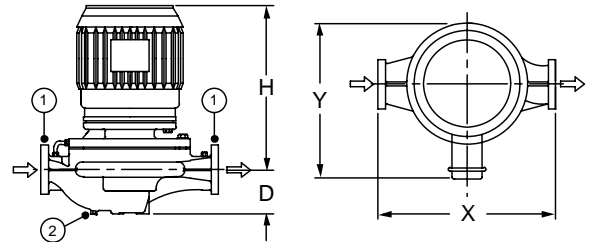
MATERIALS OF CONSTRUCTION	
CASING	CAST IRON
COMPANION FLANGES	CAST IRON
IMPELLER	BRONZE
MOTOR SHAFT	CARBON STEEL
SHAFT SLEEVE	BRONZE
GASKET	NON-ASBESTOS FIBER

ADDITIONAL NOTES

MOTOR DESIGN DATA	
FREQUENCY	60 HERTZ
VOLTAGE	SEE BELOW
EFFICIENCY	ENERGY EFFICIENT NEMA 12.11
ENCLOSURE	TEFC

MECHANICAL SEAL DESIGN DATA	
STYLE	INSIDE SINGLE SPRING
TYPE	ARMSTRONG 2A
ROTATING FACE	CARBON
STATIONARY FACE	SILICON-CARBIDE
SECONDARY SEAL	EPDM*
SPRINGS	STAINLESS STEEL
ROTATING HARDWARE	STAINLESS STEEL

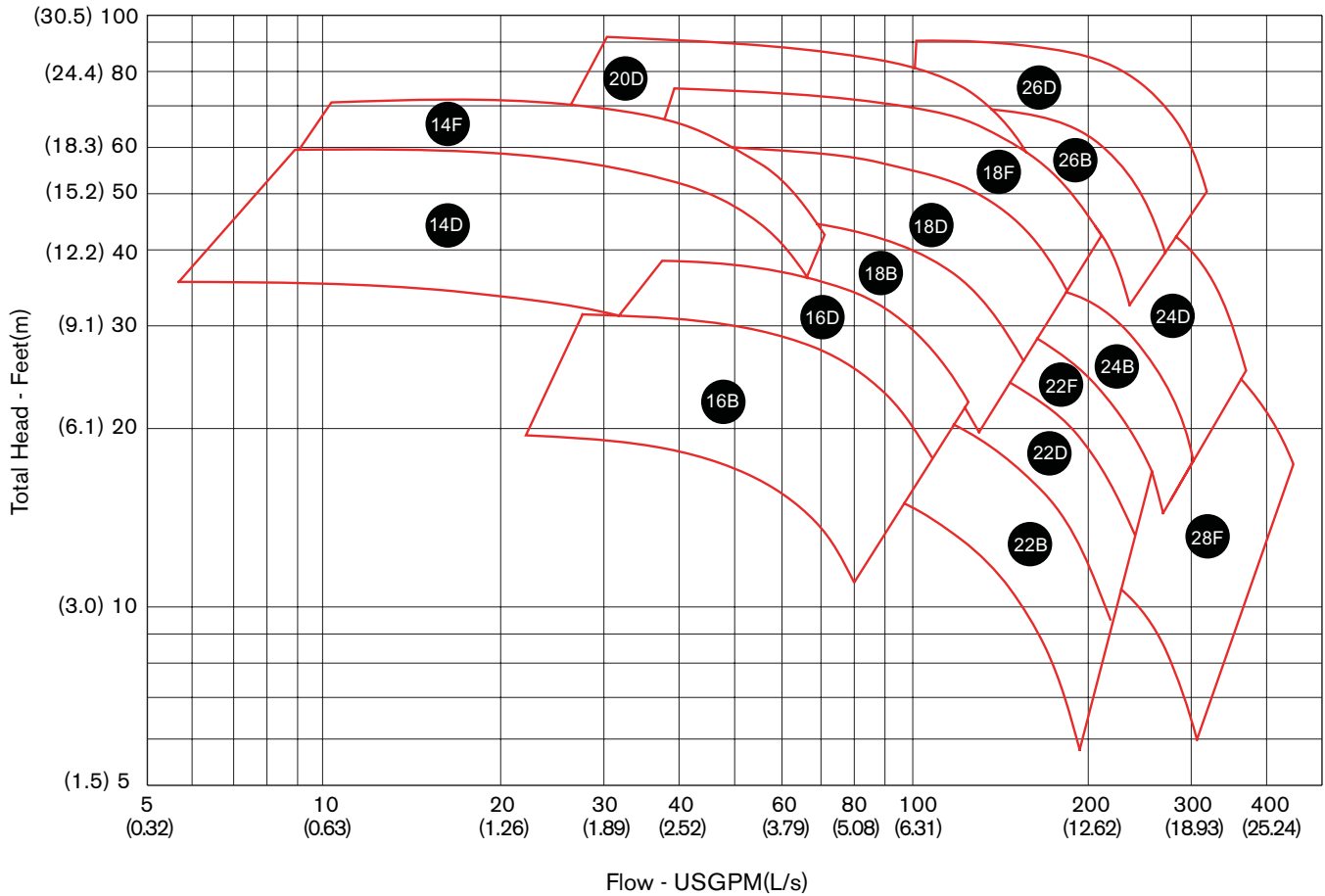
\* NOT SUITABLE FOR USE ON OIL SERVICE



- ① 1/4" NPT GAUGE TAPPINGS
- ② 1/4" NPT DRAIN

MODEL	CURVE	CONNECTIONS (ANSI 125)	MOTOR			IMPELLER DIAMETER	DIMENSIONS				ASSEMBLY WEIGHT
			HP	PHASE & VOLTAGE	RPM		X	Y	H	D	
4380-1508F-1.5/4	14D	1.50	1.50	3 Phase 208-230/460 Volt or 575 Volt	1800	7.62	16.00 (406)	11.75 (298)	15.75 (400)	5.75 (146)	156 (70.8)
4380-1508F-2.0/4	14F	1.50	2.00		1800	8.19	16.00 (406)	11.75 (298)	15.75 (400)	5.75 (146)	156 (70.8)
4380-2206F-1.0/4	16B	2.00	1.00		1800	5.52	15.00 (381)	10.63 (270)	14.75 (375)	4.88 (124)	140 (63.5)
4380-2206F-1.5/4	16D	2.00	1.50		1800	6.03	15.00 (381)	10.63 (270)	15.75 (400)	4.88 (124)	145 (65.8)
4380-2208F-2.0/4	18B	2.00	2.00		1800	6.75	18.00 (457)	11.75 (298)	15.75 (400)	5.13 (130)	172 (78.0)
4380-2208F-3.0/4	18D	2.00	3.00		1800	7.55	18.00 (457)	12.75 (324)	20.13 (511)	5.13 (130)	187 (84.8)
4380-2208F-5.0/4	18F	2.00	5.00		1800	8.19	18.00 (457)	12.75 (324)	20.13 (511)	5.13 (130)	212 (96.2)
4380-2210F-5.0/4	20D	2.00	5.00		1800	9.38	19.00 (483)	13.75 (349)	20.13 (511)	5.38 (137)	245 (111.1)
4380-3306F-1.0/4	22B	3.00	1.00		1800	5.16	18.00 (457)	11.88 (302)	14.75 (375)	6.00 (152)	156 (70.8)
4380-3306F-1.5/4	22D	3.00	1.50		1800	5.69	18.00 (457)	11.88 (302)	15.75 (400)	6.00 (152)	161 (73.0)
4380-3306F-2.0/4	22F	3.00	2.00		1800	6.11	18.00 (457)	11.88 (302)	15.75 (400)	6.00 (152)	161 (73.0)
4380-3308F-3.0/4	24B	3.00	3.00		1800	6.45	22.00 (559)	13.88 (352)	20.13 (511)	6.38 (162)	213 (96.6)
4380-3308F-5.0/4	24D	3.00	5.00		1800	7.63	22.00 (559)	13.88 (352)	20.13 (511)	6.38 (162)	238 (108.0)
4380-3310F-5.0/4	26B	3.00	5.00		1800	8.24	21.00 (533)	14.25 (362)	20.13 (511)	6.25 (159)	282 (128.0)
4380-3310F-7.5/4	26D	3.00	7.50		1800	9.23	21.00 (533)	16.63 (422)	25.63 (651)	6.25 (159)	331 (150.1)
4380-4406F-3.0/4	28F	4.00	3.00		1800	6.19	22.00 (559)	13.88 (352)	20.38 (518)	7.75 (197)	213 (96.6)

Note : All dimensions are in inches (mm) and weights in lbs (kg).  
For exact installation data please write factory for certified dimensions.



CURVE	MODEL
14D	4380-1508F-1.5/4
14F	4380-1508F-2.0/4
16B	4380-2206F-1.0/4
16D	4380-2206F-1.5/4
18B	4380-2208F-2.0/4
18D	4380-2208F-3.0/4
18F	4380-2208F-5.0/4
20D	4380-2210F-5.0/4

CURVE	MODEL
22B	4380-3306F-1.0/4
22D	4380-3306F-1.5/4
22F	4380-3306F-2.0/4
24B	4380-3308F-3.0/4
24D	4380-3308F-5.0/4
26B	4380-3310F-5.0/4
26D	4380-3310F-7.5/4
28F	4380-4406F-3.0/4

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