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# Series PiB 4360

## 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)
MAXIMUM WORKING PRESSURE: 175 psig (12 BAR)	
MAXIMUM OPERATING TEMPERATURE: 225°F (107°C)	
NPT END CONNECTIONS (COMPANION FLANGES INCLUDED)	

MOTOR DESIGN DATA	
FREQUENCY	60 HERTZ
VOLTAGE	SEE BELOW
EFFICIENCY	STD (4360B)
	ENERGY EFFICIENT NEMA 12.11 (4360D)
ENCLOSURE	ODP (4360B)
	TEFC (4360D)

MATERIALS OF CONSTRUCTION	
CASING	CAST IRON
COMPANION FLANGES	CAST IRON
MOTOR/PUMP BRACKET	CAST IRON
IMPELLER	BRONZE
MOTOR SHAFT	CARBON STEEL
STUB SHAFT (4360 B)	STAINLESS STEEL
SHAFT SLEEVE (4360 D)	BRONZE

MECHANICAL SEAL DESIGN DATA	
STYLE	INSIDE SINGLE SPRING
TYPE	ARMSTRONG 2A
ROTATING FACE	CARBON
STATIONARY FACE	CERAMIC (4360B)
	SILICON-CARBIDE (4360D)
SECONDARY SEAL	BUNA-N (4360B)
	EPDM * (4360D)
SPRINGS	STAINLESS STEEL
ROTATING HARDWARE	STAINLESS STEEL

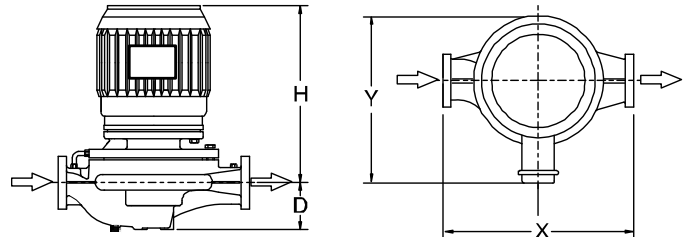
**ADDITIONAL NOTES**

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\* NOT SUITABLE FOR USE ON OIL SERVICE



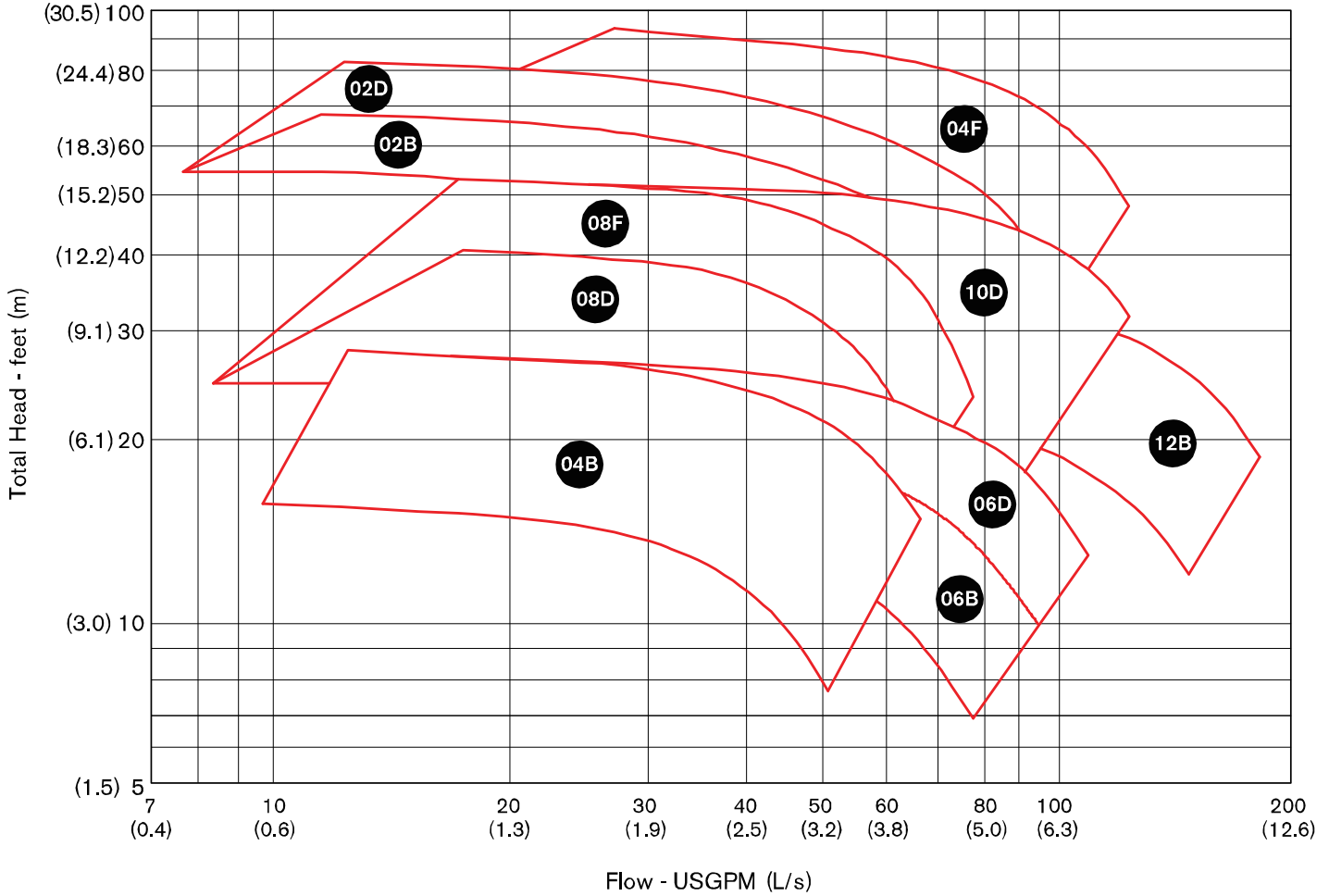
MODEL	CURVE	CONNECTIONS	MOTOR			IMPELLER DIAMETER	DIMENSIONS				ASSEMBLY WEIGHT
			HP	PHASE & VOLTAGE	RPM		X*	Y	H	D	
4360B-1505T-0.5/4	04B	1.50	0.50	1 Phase 115/230 Volt	1800	5.16	11.63 (295)	8.75 (222)	12.75 (324)	3.56 (90)	43 (19.5)
4360B-2205T-0.5/4	06B	2.00	0.50		1800	4.56	11.75 (298)	8.75 (222)	13.13 (333)	3.56 (90)	49 (22.2)
4360B-1205T-1.5/2	02B	1.25	1.50	3 Phase 208-230/460 Volt or 575 Volt	3600	4.41	11.50 (292)	8.75 (222)	12.75 (324)	3.56 (90)	42 (19.0)
4360B-1205T-2.0/2	02D	1.25	2.00		3600	4.81	11.50 (292)	8.75 (222)	13.13 (333)	3.56 (90)	47 (21.3)
4360B-1505T-3.0/2	04F	1.50	3.00		3600	4.78	11.63 (295)	8.88 (225)	12.75 (324)	3.50 (89)	58 (26.3)
4360B-2205T-0.7/4	06D	2.00	0.75		1800	5.05	11.75 (298)	8.88 (225)	12.75 (324)	3.50 (89)	51 (23.1)
4360D-1507T-1.0/4	08D	1.50	1.00		1800	6.25	13.50 (343)	10.75 (273)	13.75 (349)	3.25 (83)	110 (49.9)
4360D-1507T-1.5/4	08F	1.50	1.50		1800	7.00	13.50 (343)	10.75 (273)	14.75 (375)	3.25 (83)	115 (52.2)
4360D-2207T-2.0/4	10D	2.00	2.00		1800	6.89	14.00 (356)	11.13 (283)	14.75 (375)	3.50 (89)	120 (54.4)
4360D-3307T-1.5/4	12B	3.00	1.50		1800	6.02	18.00 (457)	13.13 (333)	14.81 (376)	4.50 (114)	130 (59.0)

Note : All dimensions are in inches (mm) and weights in lbs (kg).  
 For exact installation data please write factory for certified dimensions.  
 \* Dimension does not include companion flanges.

# ARMSTRONG



## PERFORMANCE CURVES



CURVE	MODEL	CURVE	MODEL
02B	4360B-1205T-1.5/2	06D	4360B-2205T-0.7/4
02D	4360B-1205T-2.0/2	08D	4360D-1507T-1.0/4
04B	4360B-1505T-0.5/4	08F	4360D-1507T-1.5/4
04F	4360B-1505T-3.0/2	10D	4360D-2207T-2.0/4
06B	4360B-2205T-0.5/4	12B	4360D-3307T-1.5/4

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