

**SUBMITTAL****B-224.3F**

JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NO.

DATE:

ENGINEER:

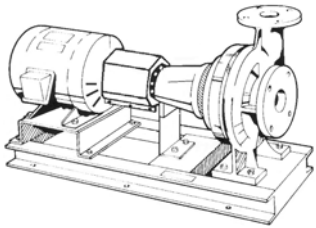
SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:



2-1/2AB

Series 1510

Centrifugal Pumps - Base Mounted

SPECIFICATIONS

FLOW _____ HEAD _____

HP _____ RPM _____

VOLTS _____

CYCLE _____ PHASE _____

ENCLOSURE _____

APPROX. WEIGHT _____

SPECIALS _____

MATERIALS OF CONSTRUCTION☐ BRONZE FITTED ☐ ALL IRON**FEATURES**

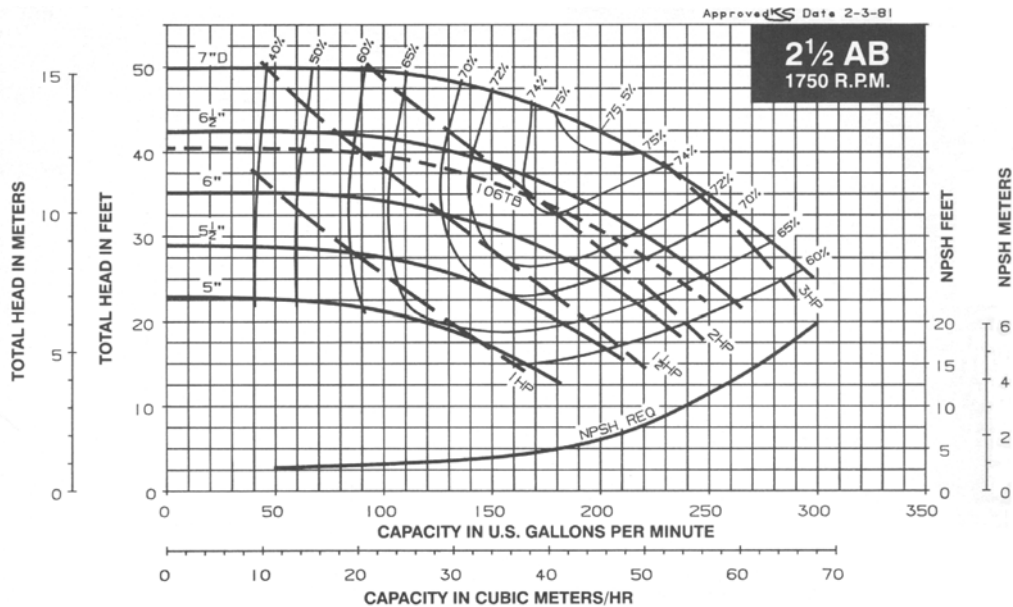
- ☒ i-ALERT™ Condition Monitor
- ☒ ANSI/OSHA Coupling Guard
- ☒ Center Drop Out Spacer Coupling
- ☒ Fabricated Heavy Duty Baseplate

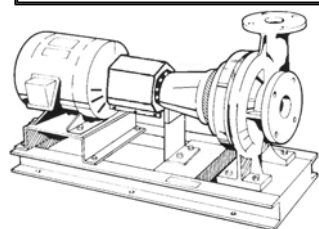
MAXIMUM WORKING PRESSURE

- ☐ 175 psi (12 bar) W.P.
w/ 125# ANSI flange drilling

TYPE OF SEAL

- ☐ 1510 Standard Seal
(Buna-Carbon/Ceramic)
- ☐ 1510 -F Standard Seal w/ Flush Line
(Buna-Carbon/Ceramic)
- ☐ 1510 -S Stuffing Box construction w/ Flushed
Mechanical Single Seal
(EPR-Tungsten Carbide/Carbon)
- ☐ 1510 -D Stuffing Box construction w/ Flushed
Double Mechanical Seal
(EPR-Carbon/Ceramic)
Requires external water source
- ☐ 1510 -PF Stuffing Box Construction w/ Packing
(Graphite Impregnated Teflon)

Note: Equipped with NEOPRENE coupling

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2-1/2AB Series 1510 Centrifugal Pumps - Base Mounted

SPECIFICATIONS

FLOW _____ HEAD _____
 HP _____ RPM _____
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 CYCLE _____ PHASE _____
 ENCLOSURE _____
 APPROX. WEIGHT _____
 SPECIALS _____

MATERIALS OF CONSTRUCTION
☐ BRONZE FITTED ☐ ALL IRON

FEATURES

- ☒ i-ALERT™ Condition Monitor
- ☒ ANSI/OSHA Coupling Guard
- ☒ Center Drop Out Spacer Coupling
- ☒ Fabricated Heavy Duty Baseplate

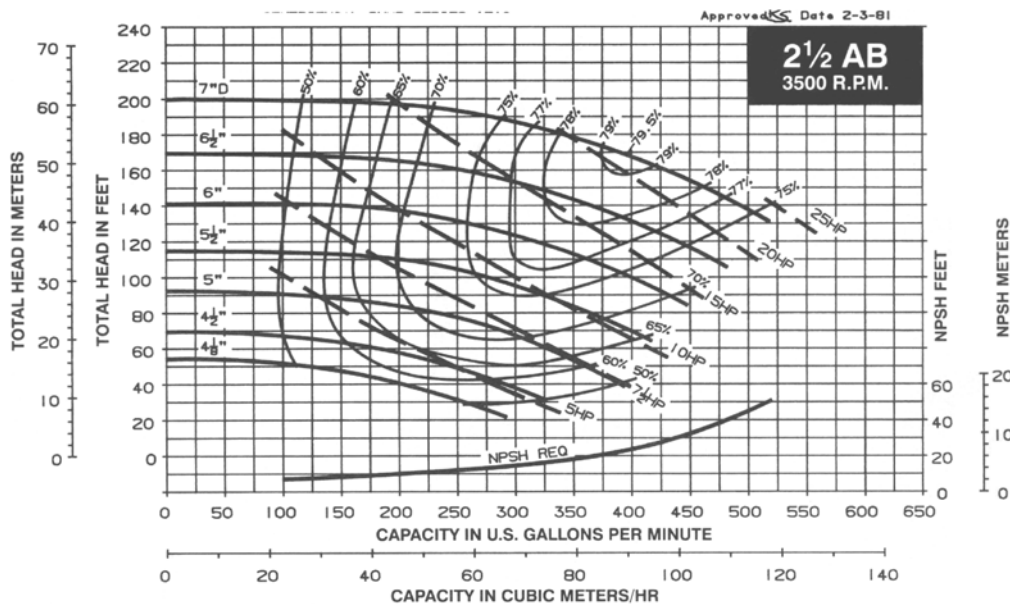
MAXIMUM WORKING PRESSURE

- ☐ 175 psi (12 bar) W.P.
w/ 125# ANSI flange drilling

TYPE OF SEAL

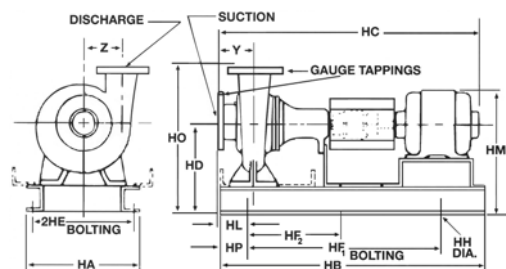
- ☐ 1510 Standard Seal (Buna-Carbon/Ceramic)
- ☐ 1510 -F Standard Seal w/ Flush Line (Buna-Carbon/Ceramic)
- ☐ 1510 -S Stuffing Box construction w/ Flushed Mechanical Single Seal (EPR-Tungsten Carbide/Carbon)
- ☐ 1510 -D Stuffing Box construction w/ Flushed Double Mechanical Seal (EPR-Carbon/Ceramic) Requires external water source
- ☐ 1510 -PF Stuffing Box Construction w/ Packing (Graphite Impregnated Teflon)

Note: Equipped with NEOPRENE coupling



Series 1510 2-1/2AB Centrifugal Pump Submittal

B-224.3F



FLANGE DIMENSIONS IN INCHES (MM)			
	SIZE	THICKNESS	O.D.
Discharge	2-1/2" (64)	11/16 (17)	7 (178)
Suction	3" (76)	3/4 (19)	7.5 (191)

FLANGES ARE 125# ANSI - STANDARD

DIMENSIONS – Inches (mm)

STANDARD SEAL 1510, 1510-F

MOTOR FRAME	HA	HB	HC MAX	HD	2HE	HF ₁	HF ₂	HH	HL	HM MAX	HO	HP	Y	Z
"S" FRAME														
56	12 (305)	28-3/4 (730)	29-5/8 (752)	9-3/4 (248)	10-1/4 (260)	22-1/2 (572)	-	3/4 (19)	4-3/8 (111)	13-3/8 (340)	15-3/4 (400)	3 (77)	4-1/4 (108)	4-11/16 (119)
143T	12 (305)	28-3/4 (730)	29-3/4 (756)	9-3/4 (248)	10-1/4 (260)	22-1/2 (572)	-	3/4 (19)	4-3/8 (111)	13-1/2 (343)	15-3/4 (400)	3 (77)	4-1/4 (108)	4-11/16 (119)
145T	12 (305)	28-3/4 (730)	30-3/4 (781)	9-3/4 (248)	10-1/4 (260)	22-1/2 (572)	-	3/4 (19)	4-3/8 (111)	13-1/2 (343)	15-3/4 (400)	3 (77)	4-1/4 (108)	4-11/16 (119)
182T	14-5/8 (305)	31 (787)	33-1/2 (851)	9-3/4 (248)	12-7/8 (327)	25 (635)	-	3/4 (19)	3 (77)	15 (381)	15-3/4 (400)	3 (77)	4-1/4 (108)	4-11/16 (119)
184T	14-5/8 (305)	31 (787)	34-1/4 (870)	9-3/4 (248)	12-7/8 (327)	25 (635)	-	3/4 (19)	3 (77)	15 (381)	15-3/4 (400)	3 (77)	4-1/4 (108)	4-11/16 (119)
213T	14-5/8 (305)	34-5/8 (879)	36-3/4 (933)	9-3/4 (248)	12-7/8 (327)	28-5/8 (727)	-	3/4 (19)	3 (77)	15-5/8 (397)	15-3/4 (400)	3 (77)	4-1/4 (108)	4-11/16 (119)
215T	14-5/8 (305)	34-5/8 (879)	38-1/4 (972)	9-3/4 (248)	12-7/8 (327)	28-5/8 (727)	-	3/4 (19)	3 (77)	15-5/8 (397)	15-3/4 (400)	3 (77)	4-1/4 (108)	4-11/16 (119)
254T	14-5/8 (305)	39-3/8 (1000)	42 (1067)	10-3/4 (273)	12-7/8 (327)	33-3/8 (848)	-	3/4 (19)	3 (77)	17-5/8 (448)	16-3/4 (425)	3 (77)	4-1/4 (108)	4-11/16 (119)
256T	14-5/8 (305)	39-3/8 (1000)	43-3/4 (1111)	10-3/4 (273)	12-7/8 (327)	33-3/8 (848)	-	3/4 (19)	3 (77)	17-5/8 (448)	16-3/4 (425)	3 (77)	4-1/4 (108)	4-11/16 (119)

STUFFING BOX 1510-PF, 1510-S, 1510-D

MOTOR FRAME	HA	HB	HC MAX	HD	2HE	HF ₁	HF ₂	HH	HL	HM MAX	HO	HP	Y	Z
"S" FRAME														
56	14-5/8 (305)	34-5/8 (879)	33-1/4 (845)	9-3/4 (248)	12-7/8 (327)	28-5/8 (727)	-	3/4 (19)	3 (77)	13-3/8 (340)	15-3/4 (400)	3 (77)	4-1/4 (108)	4-11/16 (119)
143T	14-5/8 (371)	34-5/8 (879)	33-3/8 (848)	9-3/4 (248)	12-7/8 (327)	28-5/8 (727)	-	3/4 (19)	3 (77)	13-3/8 (340)	15-3/4 (400)	3 (77)	4-1/4 (108)	4-11/16 (119)
145T	14-5/8 (371)	34-5/8 (879)	34-3/8 (873)	9-3/4 (248)	12-7/8 (327)	28-5/8 (727)	-	3/4 (19)	3 (77)	13-1/2 (343)	15-3/4 (400)	3 (77)	4-1/4 (108)	4-11/16 (119)
182T	14-5/8 (371)	34-5/8 (879)	37-1/8 (943)	9-3/4 (248)	12-7/8 (327)	28-5/8 (727)	-	3/4 (19)	3 (77)	13-1/2 (343)	15-3/4 (400)	3 (77)	4-1/4 (108)	4-11/16 (119)
184T	14-5/8 (371)	34-5/8 (879)	37-1/8 (943)	9-3/4 (248)	12-7/8 (327)	28-5/8 (727)	-	3/4 (19)	3 (77)	15 (381)	15-3/4 (400)	3 (77)	4-1/4 (108)	4-11/16 (119)
"L" FRAME														
213T	16 (406)	46-1/2 (1181)	43-3/4 (1105)	11 (279)	14 (356)	36-1/2 (927)	18-1/4 (464)	7/8 (22)	4-1/8 (105)	16-7/8 (429)	17 (432)	5 (127)	4-1/4 (108)	4-11/16 (119)
215T	16 (406)	46-1/2 (1181)	45 (1143)	11 (279)	14 (356)	36-1/2 (927)	18-1/4 (464)	7/8 (22)	4-1/8 (105)	16-7/8 (429)	17 (432)	5 (127)	4-1/4 (108)	4-11/16 (119)
254T	16 (406)	51-3/4 (1314)	48-3/4 (1238)	12 (305)	14 (356)	41-3/4 (1060)	20-7/8 (530)	7/8 (22)	4-1/8 (105)	18-7/8 (479)	18 (457)	5 (127)	4-1/4 (108)	4-11/16 (119)
256T	16 (406)	51-3/4 (1314)	50-1/2 (1283)	12 (305)	14 (356)	41-3/4 (1060)	20-7/8 (530)	7/8 (22)	4-1/8 (105)	18-7/8 (479)	18 (457)	5 (127)	4-1/4 (108)	4-11/16 (119)

Dimensions are subject to change. Not to be used for construction purposes unless certified.