

JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NO.

DATE:

ENGINEER:

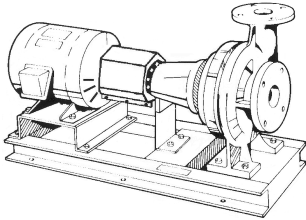
SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:



3AC 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

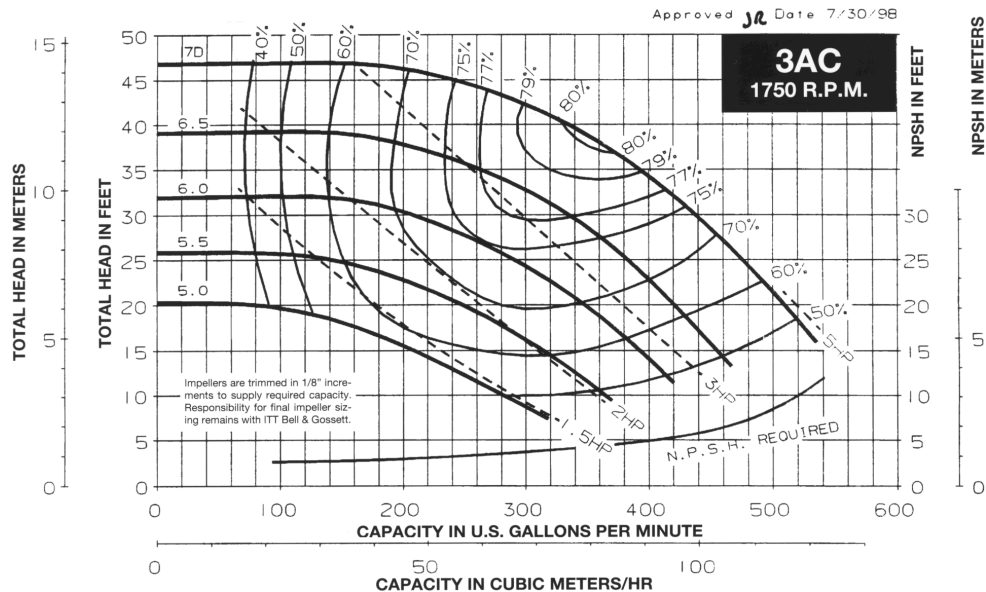
MAXIMUM WORKING PRESSURE

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

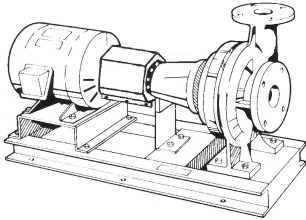
TYPE OF SEAL

- ☐ 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



JOB: UNIT TAG: ENGINEER: CONTRACTOR:	REPRESENTATIVE: ORDER NO. SUBMITTED BY: APPROVED BY:	DATE: DATE: DATE:
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3AC

Series 1510

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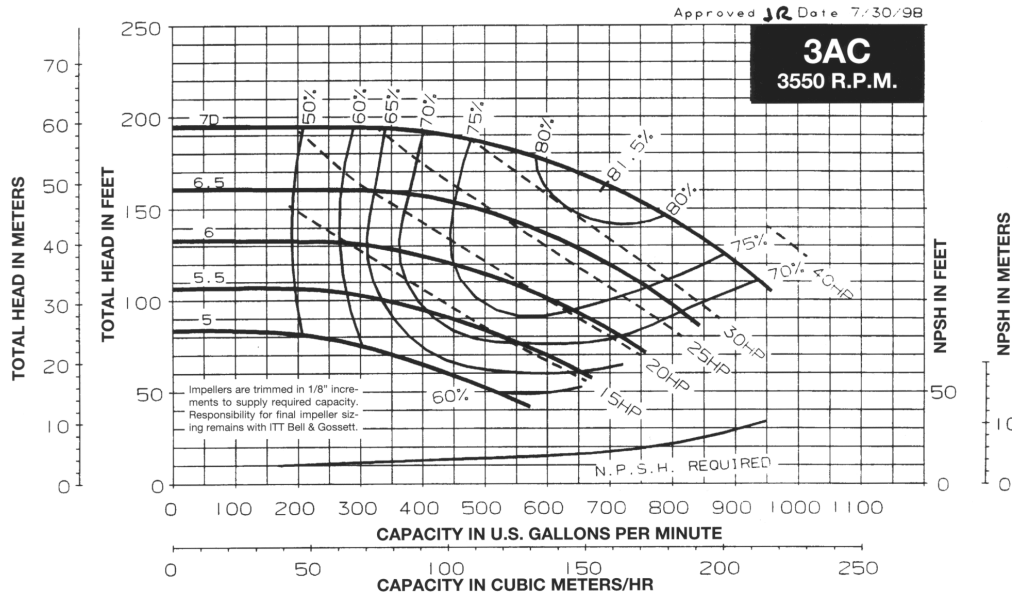
MAXIMUM WORKING PRESSURE

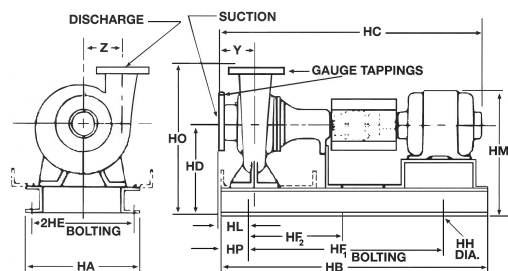
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FLANGE DIMENSIONS IN INCHES (MM)			
	SIZE	THICKNESS	O.D.
Discharge	3"	3/4" (19)	7-1/2" (191)
Suction	4"	15/16" (24)	9" (229)

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)	29-1/2 (749)	9-3/4 (248)	10-1/4 (260)	22-1/2 (572)	-	3/4 (19)	4-5/16 (110)	13-3/8 (340)	15-3/4 (400)	3 (76)	4-1/8 (105)	5 (127)
143T	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)	4-5/16 (110)	13-1/2 (343)	15-3/4 (400)	3 (76)	4-1/8 (105)	5 (127)
145T	12 (305)	28-3/4 (730)	30-5/8 (778)	9-3/4 (248)	10-1/4 (260)	22-1/2 (572)	-	3/4 (19)	4-5/16 (110)	13-1/2 (343)	15-3/4 (400)	3 (76)	4-1/8 (105)	5 (127)
182T	14-5/8 (371)	31 (787)	33-3/8 (848)	9-3/4 (248)	12-7/8 (327)	25 (635)	-	3/4 (19)	4-5/16 (110)	15 (381)	15-3/4 (400)	3 (76)	4-1/8 (105)	5 (127)
184T	14-5/8 (371)	31 (787)	34-1/8 (867)	9-3/4 (248)	12-7/8 (327)	25 (635)	-	3/4 (19)	2-15/16 (75)	15 (381)	15-3/4 (400)	3 (76)	4-1/8 (105)	5 (127)

"L" FRAME

215T	14-5/8 (371)	39-3/8 (1000)	42-5/8 (1083)	9-3/4 (248)	12-7/8 (327)	33-5/8 (848)	-	3/4 (19)	2-15/16 (75)	15-3/8 (397)	15-3/4 (400)	3 (76)	4-1/8 (105)	5 (127)
254T	16 (406)	46-1/2 (1181)	46-3/8 (1178)	12 (305)	14 (356)	36-1/2 (927)	18-1/4 (464)	7/8 (22)	4-1/16 (103)	18-7/8 (479)	18 (457)	5 (127)	4-1/8 (105)	5 (127)
256T	16 (406)	46-1/2 (1181)	48-1/8 (1222)	12 (305)	14 (356)	36-1/2 (927)	18-1/4 (464)	7/8 (22)	4-1/16 (103)	18-7/8 (479)	18 (457)	5 (127)	4-1/8 (105)	5 (127)
284TS	16 (406)	46-1/2 (1181)	47-3/8 (1203)	13 (330)	14 (356)	36-1/2 (927)	18-1/4 (464)	7/8 (22)	4-1/16 (103)	21 (533)	19 (483)	5 (127)	4-1/8 (105)	5 (127)
286TS	16 (406)	46-1/2 (1181)	48-7/8 (1241)	13 (330)	14 (356)	36-1/2 (927)	18-1/4 (464)	7/8 (22)	4-1/16 (103)	21 (533)	19 (483)	5 (127)	4-1/8 (105)	5 (127)

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 (371)	34-5/8 (879)	33-1/8 (841)	9-3/4 (248)	12-7/8 (327)	28-5/8 (727)	-	3/4 (19)	2-15/16 (75)	13-3/8 (340)	15-3/4 (400)	3 (76)	4-1/8 (105)	5 (127)
143T	14-5/8 (371)	34-5/8 (879)	33-1/4 (845)	9-3/4 (248)	12-7/8 (327)	28-5/8 (727)	-	3/4 (19)	2-15/16 (75)	13-1/2 (343)	15-3/4 (400)	3 (76)	4-1/8 (105)	5 (127)
145T	14-5/8 (371)	34-5/8 (879)	34-1/4 (870)	9-3/4 (248)	12-7/8 (327)	28-5/8 (727)	-	3/4 (19)	2-15/16 (75)	13-1/2 (343)	15-3/4 (400)	3 (76)	4-1/8 (105)	5 (127)
182T	14-5/8 (371)	34-5/8 (879)	37 (940)	9-3/4 (248)	12-7/8 (327)	28-5/8 (727)	-	3/4 (19)	2-15/16 (75)	15 (381)	15-3/4 (400)	3 (76)	4-1/8 (105)	5 (127)
184T	14-5/8 (371)	34-5/8 (879)	37-3/4 (959)	9-3/4 (248)	12-7/8 (327)	28-5/8 (727)	-	3/4 (19)	2-15/16 (75)	15 (381)	15-3/4 (400)	3 (76)	4-1/8 (105)	5 (127)

"L" FRAME

215T	16 (406)	46-1/2 (1181)	45 (1143)	11 (279)	14 (356)	36-1/2 (927)	18-1/4 (464)	7/8 (22)	4-1/16 (103)	16-7/8 (429)	17 (432)	5 (127)	4-1/8 (105)	5 (127)
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)	4-1/16 (103)	18-7/8 (479)	18 (457)	5 (127)	4-1/8 (105)	5 (127)
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)	4-1/16 (103)	18-7/8 (479)	18 (457)	5 (127)	4-1/8 (105)	5 (127)
284TS	16 (406)	51-3/4 (1314)	49-3/4 (1264)	13 (330)	14 (356)	41-3/4 (1060)	20-7/8 (530)	7/8 (22)	4-1/16 (103)	21 (533)	19 (483)	5 (127)	4-1/8 (105)	5 (127)
286TS	16 (406)	51-3/4 (1314)	51-1/4 (1302)	13 (330)	14 (356)	41-3/4 (1060)	20-7/8 (530)	7/8 (22)	4-1/16 (103)	21 (533)	19 (483)	5 (127)	4-1/8 (105)	5 (127)

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

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Let's Solve Water