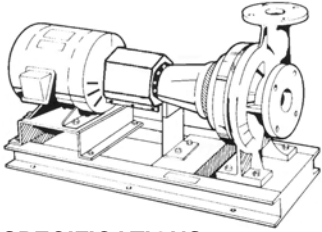


JOB: UNIT TAG: ENGINEER: CONTRACTOR:	REPRESENTATIVE: ORDER NO. SUBMITTED BY: APPROVED BY:	DATE: DATE: DATE:
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6G

Series 1510

Centrifugal Pumps - Base Mounted

SPECIFICATIONS

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

Note: Equipped with NEOPRENE coupling on "L" bearing frames. Hytrel coupler sleeve is standard on "XL" bearing frames.

MATERIALS OF CONSTRUCTION

- BRONZE FITTED ALL IRON

FEATURES

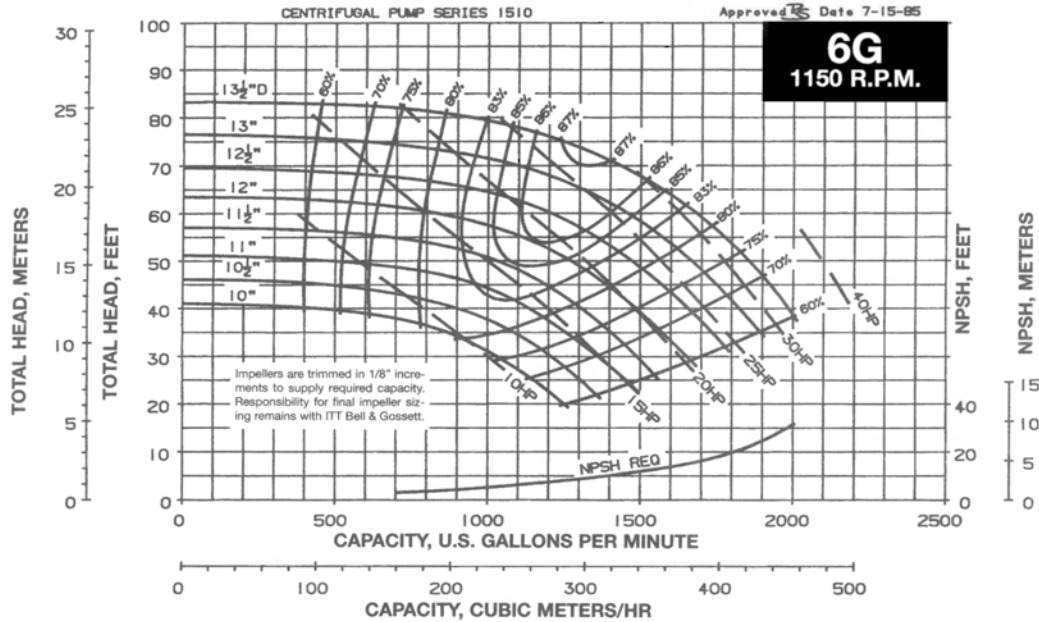
- i-ALERT™ Condition Monitor
- ANSI/OSHA Coupling Guard
- Center Drop Out Spacer Coupling
- Fabricated Heavy Duty Baseplate

MAXIMUM WORKING PRESSURE

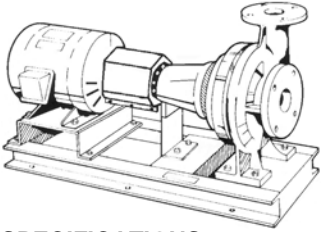
- 175 psi (12 bar) W.P. w/125# ANSI flange drilling
- 250 psi (17 bar) W.P. w/250# ANSI flange drilling (requires 1510-S)

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)



JOB: UNIT TAG: ENGINEER: CONTRACTOR:	REPRESENTATIVE: ORDER NO. SUBMITTED BY: APPROVED BY:	DATE: DATE: DATE:
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6G

Series 1510

Centrifugal Pumps - Base Mounted

SPECIFICATIONS

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

Note: Equipped with NEOPRENE coupling on "L" bearing frames. Hytrel coupler sleeve is standard on "XL" bearing frames.

MATERIALS OF CONSTRUCTION

BRONZE FITTED ALL IRON

FEATURES

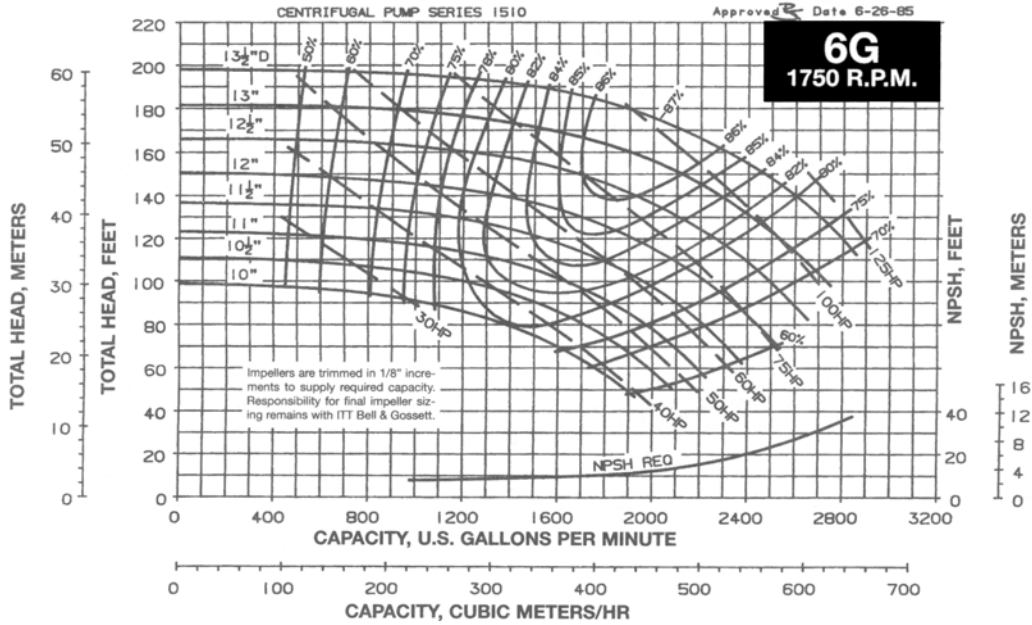
- i-ALERT™ Condition Monitor
- ANSI/OSHA Coupling Guard
- Center Drop Out Spacer Coupling
- Fabricated Heavy Duty Baseplate

MAXIMUM WORKING PRESSURE

- 175 psi (12 bar) W.P. w/125# ANSI flange drilling
- 250 psi (17 bar) W.P. w/250# ANSI flange drilling (requires 1510-S)

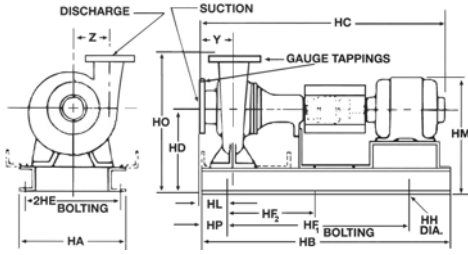
TYPE OF SEAL

- 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)



Series 1510 6G Centrifugal Pump Submittal

B-229.4E



FLANGE DIMENSIONS IN INCHES (MM)			
	SIZE	THICKNESS	O.D.
Discharge	6" (152)	1-7/16 (37)	12-1/8 (308)
Suction	8" (203)	1-5/8 (41)	14-3/4 (375)

FLANGES ARE: 125# ANSI - STANDARD
250# ANSI - AVAILABLE

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
"L" FRAME														
256T	24 (610)	56 (1422)	49-5/8 (1260)	16-1/2 (419)	21-1/2 (546)	44 (1118)	22 (559)	1 (25)	6-1/4 (159)	23-3/8 (594)	30-1/2 (775)	6 (152)	6-1/2 (165)	9-5/16 (237)
284T	24 (610)	56 (1422)	50-5/8 (1286)	16-1/2 (419)	21-1/2 (546)	44 (1118)	22 (559)	1 (25)	6-1/4 (159)	24-1/2 (622)	30-1/2 (775)	6 (152)	6-1/2 (165)	9-5/16 (237)
286T	24 (610)	56 (1422)	52-1/8 (1324)	16-1/2 (419)	21-1/2 (546)	44 (1118)	22 (559)	1 (25)	6-1/4 (159)	24-1/2 (622)	30-1/2 (775)	6 (152)	6-1/2 (165)	9-5/16 (237)
324T	24 (610)	56 (1422)	54-1/8 (1375)	16-1/2 (419)	21-1/2 (546)	44 (1118)	22 (559)	1 (25)	6-1/4 (159)	25-5/8 (651)	30-1/2 (775)	6 (152)	6-1/2 (165)	9-5/16 (237)
326T	24 (610)	56 (1422)	55-5/8 (1413)	16-1/2 (419)	21-1/2 (546)	44 (1118)	22 (559)	1 (25)	6-1/4 (159)	25-5/8 (651)	30-1/2 (775)	6 (152)	6-1/2 (165)	9-5/16 (237)
364T	24 (610)	56 (1422)	57-7/8 (1470)	16-1/2 (419)	21-1/2 (546)	44 (1118)	22 (559)	1 (25)	6-1/4 (159)	26-3/4 (679)	30-1/2 (775)	6 (152)	6-1/2 (165)	9-5/16 (237)
365T	24 (610)	56 (1422)	58-1/2 (1486)	16-1/2 (419)	21-1/2 (546)	44 (1118)	22 (559)	1 (25)	6-1/4 (159)	26-3/4 (679)	30-1/2 (775)	6 (152)	6-1/2 (165)	9-5/16 (237)
404TS	24 (610)	56 (1422)	58-5/8 (1489)	16-1/2 (419)	21-1/2 (546)	44 (1118)	22 (559)	1 (25)	6-1/4 (159)	28-3/8 (721)	30-1/2 (775)	6 (152)	6-1/2 (165)	9-5/16 (237)
405TS	24 (610)	56 (1422)	59-3/8 (1508)	16-1/2 (419)	21-1/2 (546)	44 (1118)	22 (559)	1 (25)	6-1/4 (159)	30 (762)	30-1/2 (775)	6 (152)	6-1/2 (165)	9-5/16 (237)
"XL" FRAME														
324T	26 (660)	59-1/4 (1505)	58-7/8 (1495)	17 (432)	23-1/2 (597)	47-1/4 (1200)	23-5/8 (600)	1 (25)	6-1/2 (165)	25-1/4 (641)	31 (787)	6 (152)	6-1/2 (165)	9-5/16 (237)
326T	26 (660)	59-1/4 (1505)	60-5/16 (1532)	17 (432)	23-1/2 (597)	47-1/4 (1200)	23-5/8 (600)	1 (25)	6-1/2 (165)	25-1/4 (641)	31 (787)	6 (152)	6-1/2 (165)	9-5/16 (237)
364TS	26 (660)	59-1/4 (1505)	62-9/16 (1589)	17 (432)	23-1/2 (597)	47-1/4 (1200)	23-5/8 (600)	1 (25)	6-1/2 (165)	26-1/8 (663.5)	31 (787)	6 (152)	6-1/2 (165)	9-5/16 (237)
365TS	26 (660)	59-1/4 (1505)	62-1/2 (1588)	17 (432)	23-1/2 (597)	47-1/4 (1200)	23-5/8 (600)	1 (25)	6-1/2 (165)	27-1/4 (692)	31 (787)	6 (152)	6-1/2 (165)	9-5/16 (237)
404TS	26 (660)	59-1/4 (1505)	64-3/4 (1645)	17 (432)	23-1/2 (597)	47-1/4 (1200)	23-5/8 (600)	1 (25)	6-1/2 (165)	28-7/8 (733)	31 (787)	6 (152)	6-1/2 (165)	9-5/16 (237)
405TS	26 (660)	59-1/4 (1505)	66-1/4 (1683)	17 (432)	23-1/2 (597)	47-1/4 (1200)	23-5/8 (600)	1 (25)	6-1/2 (165)	28-7/8 (733)	31 (787)	6 (152)	6-1/2 (165)	9-5/16 (237)
444TS	26 (660)	59-1/4 (1505)	70-5/8 (1794)	18 (457)	23-1/2 (597)	47-1/4 (1200)	23-5/8 (600)	1 (25)	6-1/2 (165)	29-3/4 (756)	32 (813)	6 (152)	6-1/2 (165)	9-5/16 (237)

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

For 60 Hz operation and impeller diameters greater than 12.5", "XL" bearing frame required.

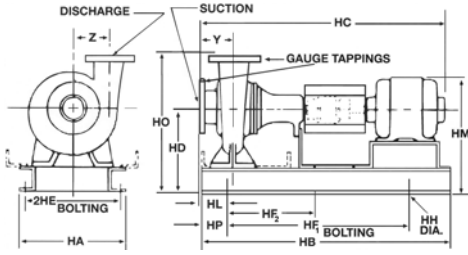
Xylem Inc.
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Series 1510 6G Centrifugal Pump Submittal

B-229.4E



FLANGE DIMENSIONS IN INCHES (MM)			
	SIZE	THICKNESS	O.D.
Discharge	6" (152)	1-7/16 (37)	12-1/8 (308)
Suction	8" (203)	1-5/8 (41)	14-3/4 (375)

FLANGES ARE: 125# ANSI - STANDARD
250# ANSI - AVAILABLE

DIMENSIONS - Inches (mm)

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
"L" FRAME														
256T	24 (610)	56 (1422)	52 (1321)	16-1/2 (419)	21-1/2 (546)	44 (1118)	22 (559)	1 (25)	6-1/4 (159)	23-3/8 (594)	30-1/2 (775)	6 (152)	6-1/2 (165)	9-5/16 (237)
284T	24 (610)	56 (1422)	53 (1346)	16-1/2 (419)	21-1/2 (546)	44 (1118)	22 (559)	1 (25)	6-1/4 (159)	24-1/2 (622)	30-1/2 (775)	6 (152)	6-1/2 (165)	9-5/16 (237)
286T	24 (610)	56 (1422)	54-1/2 (1384)	16-1/2 (419)	21-1/2 (546)	44 (1118)	22 (559)	1 (25)	6-1/4 (159)	24-1/2 (622)	30-1/2 (775)	6 (152)	6-1/2 (165)	9-5/16 (237)
324T	24 (610)	56 (1422)	56-1/2 (1435)	16-1/2 (419)	21-1/2 (546)	44 (1118)	22 (559)	1 (25)	6-1/4 (159)	25-5/8 (651)	30-1/2 (775)	6 (152)	6-1/2 (165)	9-5/16 (237)
326T	24 (610)	56 (1422)	58 (1473)	16-1/2 (419)	21-1/2 (546)	44 (1118)	22 (559)	1 (25)	6-1/4 (159)	25-5/8 (651)	30-1/2 (775)	6 (152)	6-1/2 (165)	9-5/16 (237)
364T	24 (610)	56 (1422)	60-1/4 (1530)	16-1/2 (419)	21-1/2 (546)	44 (1118)	22 (559)	1 (25)	6-1/4 (159)	26-3/4 (679)	30-1/2 (775)	6 (152)	6-1/2 (165)	9-5/16 (237)
365T	24 (610)	56 (1422)	60-7/8 (1546)	16-1/2 (419)	21-1/2 (546)	44 (1118)	22 (559)	1 (25)	6-1/4 (159)	26-3/4 (679)	30-1/2 (775)	6 (152)	6-1/2 (165)	9-5/16 (237)
404TS	24 (610)	56 (1422)	61 (1549)	16-1/2 (419)	21-1/2 (546)	44 (1118)	22 (559)	1 (25)	6-1/4 (159)	28-3/8 (721)	30-1/2 (775)	6 (152)	6-1/2 (165)	9-5/16 (237)
405TS	24 (610)	56 (1422)	62 (1575)	16-1/2 (419)	21-1/2 (546)	44 (1118)	22 (559)	1 (25)	6-1/4 (159)	30 (762)	30-1/2 (775)	6 (152)	6-1/2 (165)	9-5/16 (237)
"XL" FRAME														
324T	26 (660)	59-1/4 (1505)	62-3/8 (1584)	17 (432)	23-1/2 (597)	47-1/4 (1200)	23-5/8 (600)	1 (25)	6-1/2 (165)	25-1/4 (641)	31 (787)	6 (152)	6-1/2 (165)	9-5/16 (237)
326T	26 (660)	59-1/4 (1505)	62-3/8 (1584)	17 (432)	23-1/2 (597)	47-1/4 (1200)	23-5/8 (600)	1 (25)	6-1/2 (165)	25-1/4 (641)	31 (787)	6 (152)	6-1/2 (165)	9-5/16 (237)
364TS	26 (660)	59-1/4 (1505)	62-3/4 (1594)	17 (432)	23-1/2 (597)	47-1/4 (1200)	23-5/8 (600)	1 (25)	6-1/2 (165)	26-1/8 (664)	31 (787)	6 (152)	6-1/2 (165)	9-5/16 (237)
365TS	26 (660)	59-1/4 (1505)	64-3/4 (1645)	17 (432)	23-1/2 (597)	47-1/4 (1200)	23-5/8 (600)	1 (25)	6-1/2 (165)	27-1/4 (692)	31 (787)	6 (152)	6-1/2 (165)	9-5/16 (237)
404TS	26 (660)	59-1/4 (1505)	67 (1702)	17 (432)	23-1/2 (597)	47-1/4 (1200)	23-5/8 (600)	1 (25)	6-1/2 (165)	28-7/8 (733)	31 (787)	6 (152)	6-1/2 (165)	9-5/16 (237)
405TS	26 (660)	59-1/4 (1505)	68-1/2 (1740)	17 (432)	23-1/2 (597)	47-1/4 (1200)	23-5/8 (600)	1 (25)	6-1/2 (165)	28-7/8 (733)	31 (787)	6 (152)	6-1/2 (165)	9-5/16 (237)
444TS	26 (660)	59-1/4 (1505)	72-3/4 (1848)	18 (457)	23-1/2 (597)	47-1/4 (1200)	23-5/8 (600)	1 (25)	6-1/2 (165)	29-3/4 (756)	32 (813)	6 (152)	6-1/2 (165)	9-5/16 (237)

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

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