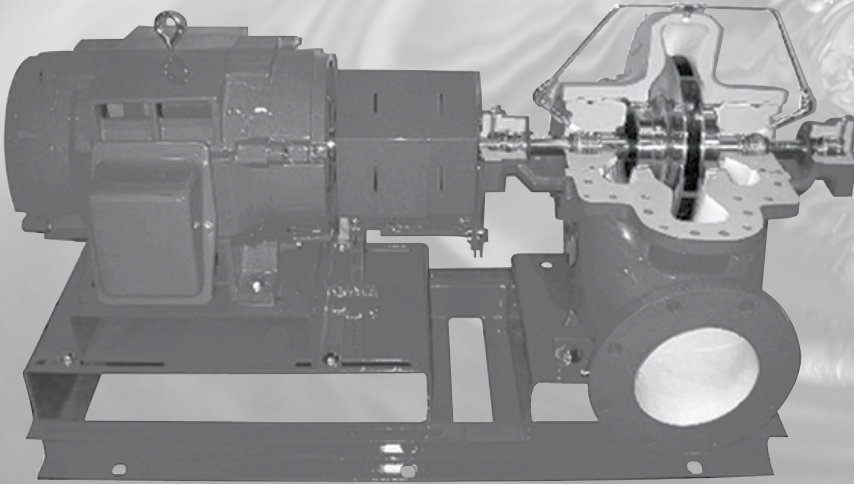


G&L Pumps

SUBMITTALS BOOK

AC8100SUB



Series A-C 8100

HORIZONTAL SPLIT CASE BASE MOUNTED - DOUBLE SUCTION

xylem
Let's Solve Water

SERIES A-C 8100

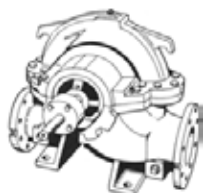
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SUBMITTAL

AC-542D

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



Series A-C 8100

Bare Centrifugal Pumps

Double Suction with Mechanical Seals or Packing

SPECIFICATIONS

FLOW _____ HEAD _____

HP _____ RPM _____

APPROX. WEIGHT _____

SPECIALS _____

TYPE OF SEAL

☐ **STANDARD:** 175 PSIG (12 Bar) working pressure, 125# ANSI Flange Configuration

☐ **STANDARD:** Crane Type 21, BUNA/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).

☐ **OPTIONAL:** Crane Type 21, EPT/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -20° to 250°F (-29 °C to 121 °C).

☐ **OPTIONAL:** Crane Type 21, EPT/Carbon Tungsten Carbide, 75 psig (5 Bar) maximum suction pressure, from -20° to 250°F (-29 °C to 121 °C).

☐ **OPTIONAL:** 280 PSIG (19 Bar) working pressure, 250# ANSI Flange Configuration

☐ **STANDARD:** Crane Type 1, BUNA/Carbon-Ceramic, 150 psig (10 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).

☐ **OPTIONAL:** 400 PSIG (27 Bar) working pressure, 250# ANSI Flange Configuration

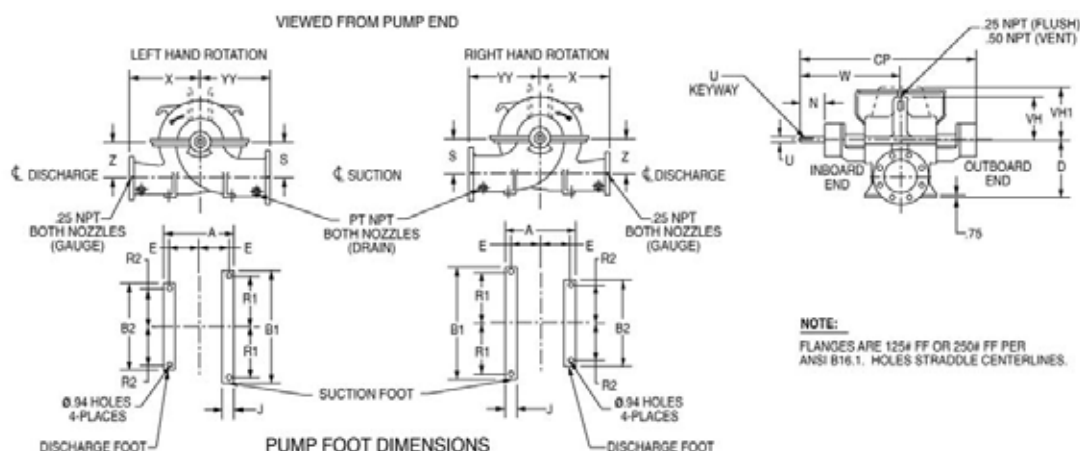
☐ **STANDARD:** Crane Type 1B, BUNA/Carbon-Ceramic, 300 psig (20 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).

☐ **OTHER:**

SERIES A-C 8100

Series A-C 8100 Centrifugal Bare Pumps Submittal

AC-542D



DIMENSIONS - Inches (mm)

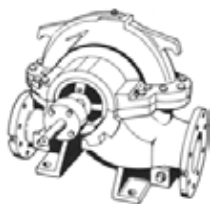
PUMP SIZE	DISCH	SUCT	A	B ₁	B ₂	E	J	R ₁	R ₂	CP	D	N	PT	S & Z	U	VH	VH ₁	W	X	YY	DISCH	SUCT
																					WIDTH +.002	YDEPTH +.002
3X2X11 3X2X11L 3X2X11S	2.00 (51)	3.00 (76)	10.00 (254)	13.00 (330)	8.00 (203)	4.00 (102)	3.00 (76)	5.50 (140)	3.00 (76)	28.25 (718)	8.00 (203)	4.00 (102)	.75 (19)	5.50 (140)	1.125 (29)	6.8 (173)	-	16.00 (406)	9.00 (229)	10.00 (254)	.25 (6)	.125 (3)
6X4X10A	4.00 (102)	6.00 (152)	13.50 (343)	15.00 (381)	10.00 (254)	5.75 (146)	3.50 (89)	7.00 (178)	4.00 (102)	30.25 (768)	11.00 (279)	4.50 (114)	1.00 (25)	6.57 (167)	1.125 (29)	7.69 (195)	-	17.25 (438)	11.50 (292)	12.00 (305)	.25 (6)	.125 (3)
6X4X10M	4.00 (102)	6.00 (152)	15.00 (381)	15.00 (381)	10.00 (254)	6.50 (165)	2.50 (64)	6.50 (165)	4.00 (102)	33.12 (841)	11.00 (279)	4.50 (114)	1.00 (25)	6.50 (165)	1.375 (35)	7.88 (200)	-	18.50 (470)	11.50 (292)	13.00 (330)	.312 (8)	.156 (4)
6X4X12A	4.00 (102)	6.00 (152)	15.00 (381)	15.00 (381)	10.00 (254)	6.50 (165)	3.50 (89)	6.50 (165)	4.00 (102)	33.12 (841)	11.00 (279)	4.50 (114)	1.00 (25)	6.50 (165)	1.375 (35)	7.88 (200)	-	18.50 (470)	11.50 (292)	13.00 (330)	.312 (8)	.156 (4)
6X4X14A	4.00 (102)	6.00 (152)	15.00 (381)	15.00 (381)	10.00 (254)	6.50 (165)	3.50 (89)	6.50 (165)	4.00 (102)	30.75 (781)	12.00 (305)	4.50 (114)	1.00 (25)	7.75 (197)	1.125 (29)	9.20 (234)	-	17.50 (444)	11.50 (292)	13.00 (330)	.25 (6)	.125 (3)
6X4X14L	4.00 (102)	6.00 (152)	15.00 (381)	15.00 (381)	10.00 (254)	6.50 (165)	3.50 (89)	6.50 (165)	4.00 (102)	30.75 (781)	12.00 (305)	4.50 (114)	1.00 (25)	7.75 (197)	1.125 (29)	9.62 (244)	-	17.50 (444)	11.50 (292)	13.00 (330)	.25 (6)	.125 (3)
8X6X10A	6.00 (152)	8.00 (203)	15.00 (381)	15.00 (381)	10.00 (254)	6.50 (165)	3.50 (89)	6.50 (165)	4.00 (102)	30.75 (781)	14.00 (356)	4.50 (114)	1.00 (25)	9.00 (229)	1.375 (35)	9.6 (244)	-	17.50 (444)	14.00 (356)	14.00 (356)	.25 (6)	.125 (3)
8X6X12 8X6X12L 8X6X12S 8X6X12XL	6.00 (152)	8.00 (203)	15.00 (381)	15.00 (381)	10.00 (254)	6.50 (165)	3.50 (89)	6.50 (165)	4.00 (102)	30.75 (781)	14.00 (356)	4.50 (114)	1.00 (25)	9.00 (229)	1.125 (29)	9.6 (244)	-	17.50 (444)	14.00 (356)	14.00 (356)	.25 (6)	.125 (3)
8X6X12M	6.00 (152)	8.00 (203)	15.00 (381)	15.00 (381)	10.00 (254)	6.50 (165)	3.50 (89)	6.50 (165)	4.00 (102)	33.12 (841)	14.00 (356)	4.19 (106)	1.00 (25)	9.00 (229)	1.375 (35)	9.6 (244)	-	18.50 (470)	14.00 (356)	14.00 (356)	.312 (8)	.156 (4)
8X6X13	6.00 (152)	8.00 (203)	16.25 (413)	18.50 (470)	10.50 (267)	7.12 (181)	3.75 (95)	8.25 (210)	4.25 (108)	36.87 (936)	12.75 (324)	5.94 (151)	1.00 (25)	8.00 (203)	1.375 (35)	9.4 (239)	-	21.25 (540)	13.00 (330)	15.50 (394)	.312 (8)	.156 (4)
8X6x17 8X6x17L 8X6x17M	6.00 (152)	8.00 (203)	16.25 (413)	18.50 (470)	10.50 (267)	7.12 (181)	3.75 (95)	8.25 (210)	4.25 (108)	36.87 (936)	14.00 (356)	5.94 (151)	1.00 (25)	9.00 (229)	1.375 (35)	11.75 (298)	-	21.25 (540)	14.00 (356)	16.00 (406)	.312 (8)	.156 (4)
8X8X12	8.00 (203)	8.00 (203)	16.25 (413)	18.50 (470)	10.50 (267)	7.12 (181)	3.75 (95)	8.25 (210)	4.25 (108)	36.87 (936)	12.75 (324)	5.94 (151)	1.00 (25)	8.00 (203)	1.375 (35)	10.25 (260)	11.75 (298)	21.25 (540)	14.00 (356)	16.50 (419)	.312 (8)	.156 (4)
8X8X17	8.00 (203)	8.00 (203)	18.00 (457)	20.00 (508)	12.00 (305)	8.00 (203)	3.75 (95)	9.00 (229)	5.00 (127)	39.56 (1005)	14.50 (368)	6.19 (157)	1.00 (25)	9.50 (241)	1.625 (41)	12.00 (305)	13.50 (343)	22.56 (573)	15.00 (381)	16.50 (419)	.375 (10)	.188 (5)
10X8x12	8.00 (203)	10.00 (254)	18.00 (457)	20.00 (508)	12.00 (305)	8.00 (203)	3.75 (95)	9.00 (229)	5.00 (127)	39.56 (1005)	14.25 (362)	6.19 (157)	1.00 (25)	8.50 (216)	1.625 (41)	10.50 (267)	12.00 (305)	22.56 (573)	14.00 (356)	17.00 (432)	.375 (10)	.188 (5)
10X8X17	8.00 (203)	10.00 (254)	18.00 (457)	20.00 (508)	12.00 (305)	8.00 (203)	3.75 (95)	9.00 (229)	5.00 (127)	39.56 (1005)	16.00 (406)	6.19 (157)	1.00 (25)	10.00 (254)	1.625 (41)	12.81 (325)	14.31 (363)	22.56 (573)	16.00 (406)	18.00 (457)	.375 (10)	.188 (5)
10X8x20	8.00 (203)	10.00 (254)	20.00 (508)	22.00 (559)	12.00 (305)	9.00 (229)	3.75 (95)	10.00 (254)	5.00 (127)	39.56 (1005)	20.00 (508)	6.19 (157)	1.00 (25)	14.00 (356)	1.625 (41)	15.44 (392)	22.25 (565)	22.56 (573)	18.00 (457)	20.00 (508)	.375 (10)	.188 (5)
10X10X12	10.00 (254)	10.00 (254)	18.00 (457)	22.00 (559)	14.00 (356)	8.00 (203)	3.75 (95)	10.00 (254)	6.00 (152)	42.56 (1081)	14.75 (375)	6.19 (157)	1.00 (25)	9.00 (229)	1.625 (41)	11.19 (284)	-	24.06 (611)	16.00 (406)	18.00 (457)	.375 (10)	.188 (5)
12X10X12	10.00 (254)	12.00 (305)	18.00 (457)	22.00 (559)	14.00 (356)	8.00 (203)	3.75 (95)	10.00 (254)	6.00 (152)	42.56 (1081)	16.75 (425)	6.19 (157)	1.00 (25)	10.00 (254)	1.625 (41)	11.50 (292)	-	24.06 (611)	16.00 (406)	19.00 (483)	.375 (10)	.188 (5)
12X10X14	10.00 (254)	12.00 (305)	18.00 (457)	20.00 (508)	12.00 (305)	8.00 (203)	3.75 (95)	9.00 (229)	5.00 (127)	39.56 (1005)	18.00 (457)	6.19 (157)	1.00 (25)	11.00 (279)	1.625 (41)	13.44 (341)	14.94 (379)	22.56 (573)	18.00 (457)	20.00 (508)	.375 (10)	.188 (5)
12X10X17	10.00 (254)	12.00 (305)	18.00 (457)	20.00 (508)	12.00 (305)	8.00 (203)	3.75 (95)	9.00 (229)	5.00 (127)	39.56 (1005)	18.00 (457)	6.19 (157)	1.00 (25)	11.00 (279)	1.625 (41)	13.44 (341)	14.94 (379)	22.56 (573)	18.00 (457)	20.00 (508)	.375 (10)	.188 (5)

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

SUBMITTAL

AC-543.1A

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



3X2X11L Series A-C 8100 Base Mounted - Double Suction Centrifugal Pumps

SPECIFICATIONS

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

MATERIALS OF CONSTRUCTION

- ☒ Cast Iron Bronze Fitted
- ☒ Fabricated Heavy Duty Baseplate
- ☒ ANSI/OSHA Coupling Guard
- ☒ Flexible Coupling
- ☐ Spacer Coupling (Optional)
- ☐ Galvanized Drip Pan (Optional)

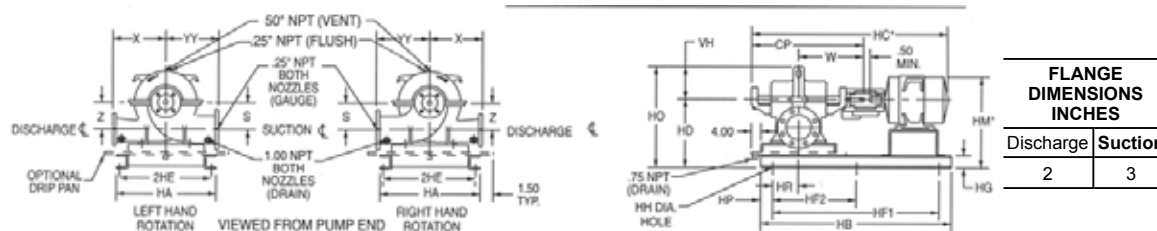
TYPE OF SEAL

- ☐ **STANDARD:** 175 PSIG (12 Bar) working pressure, 125# ANSI Flange Configuration
- ☐ **STANDARD:** Crane Type 21, BUNA/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).
- ☐ **OPTIONAL:** Crane Type 21, EPR/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -20° to 250°F (-29 °C to 121 °C).
- ☐ **OPTIONAL:** Crane Type 21, EPR/Carbon Tungsten Carbide, 75 psig (5 Bar) maximum suction pressure, from -20° to 250°F (-29 °C to 121 °C).
- ☐ **OPTIONAL:** 280 PSIG (19 Bar) working pressure, 250# ANSI Flange Configuration
- ☐ **STANDARD:** Crane Type 1, BUNA/Carbon-Ceramic, 150 psig (10 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).
- ☐ **OPTIONAL:** 400 PSIG (27 Bar) working pressure, 250# ANSI Flange Configuration
- ☐ **STANDARD:** Crane Type 1B, BUNA/Carbon-Ceramic, 300 psig (20 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).
- ☐ **OTHER:**

SERIES A-C 8100

A-C 8100 3X2X11L Centrifugal Pump Submittal

AC-543.1A



DIMENSIONS - Inches (mm)

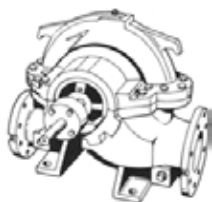
MOTOR FRAME	HA	HB	2HE	HF ₁	HF ₂	HG	HH	HP	HR	CP	HC*	HD	HM*	HO	S & Z	VH	W	X	YY
143	20 (508)	48 (1219)	18 (457)	36 (914)	18 (457)	4 (102)	1 (25)	6 (152)	2.25 (57)	28.25 (718)	41 (1041)	15.25 (387)	20 (508)	22.05 (560)	5.5 (140)	6.8 (173)	16 (406)	9 (229)	10 (254)
145	20 (508)	48 (1219)	18 (457)	36 (914)	18 (457)	4 (102)	1 (25)	6 (152)	2.25 (57)	28.25 (718)	42 (1067)	15.25 (387)	20 (508)	22.05 (560)	5.5 (140)	6.8 (173)	16 (406)	9 (229)	10 (254)
182	20 (508)	48 (1219)	18 (457)	36 (914)	18 (457)	4 (102)	1 (25)	6 (152)	2.25 (57)	28.25 (718)	43 (1092)	15.25 (387)	21 (533)	22.05 (560)	5.5 (140)	6.8 (173)	16 (406)	9 (229)	10 (254)
184	20 (508)	48 (1219)	18 (457)	36 (914)	18 (457)	4 (102)	1 (25)	6 (152)	2.25 (57)	28.25 (718)	44 (1118)	15.25 (387)	21 (533)	22.05 (560)	5.5 (140)	6.8 (173)	16 (406)	9 (229)	10 (254)
213	20 (508)	48 (1219)	18 (457)	36 (914)	18 (457)	4 (102)	1 (25)	6 (152)	2.25 (57)	28.25 (718)	47 (1194)	15.25 (387)	22 (559)	22.05 (560)	5.5 (140)	6.8 (173)	16 (406)	9 (229)	10 (254)
215	20 (508)	48 (1219)	18 (457)	36 (914)	18 (457)	4 (102)	1 (25)	6 (152)	2.25 (57)	28.25 (718)	47 (1194)	15.25 (387)	22 (559)	22.05 (560)	5.5 (140)	6.8 (173)	16 (406)	9 (229)	10 (254)
254	20 (508)	54 (1372)	18 (457)	42 (1067)	24 (610)	4 (102)	1 (25)	6 (152)	2.25 (57)	28.25 (718)	50 (1270)	15.25 (387)	23 (584)	22.05 (560)	5.5 (140)	6.8 (173)	16 (406)	9 (229)	10 (254)
256	20 (508)	54 (1372)	18 (457)	42 (1067)	21 (533)	4 (102)	1 (25)	6 (152)	2.25 (57)	28.25 (718)	52 (1321)	15.25 (387)	23 (584)	22.05 (560)	5.5 (140)	6.8 (173)	16 (406)	9 (229)	10 (254)
284	20 (508)	54 (1372)	18 (457)	42 (1067)	21 (533)	4 (102)	1 (25)	6 (152)	2.25 (57)	28.25 (718)	51 (1295)	15.25 (387)	24 (610)	22.05 (560)	5.5 (140)	6.8 (173)	16 (406)	9 (229)	10 (254)
286	20 (508)	54 (1372)	18 (457)	42 (1067)	21 (533)	4 (102)	1 (25)	6 (152)	2.25 (57)	28.25 (718)	55 (1397)	15.25 (387)	24 (610)	22.05 (560)	5.5 (140)	6.8 (173)	16 (406)	9 (229)	10 (254)
324	20 (508)	54 (1372)	18 (457)	42 (1067)	21 (533)	4 (102)	1 (25)	6 (152)	2.25 (57)	28.25 (718)	57 (1448)	15.25 (387)	24 (610)	22.05 (560)	5.5 (140)	6.8 (173)	16 (406)	9 (229)	10 (254)
326	20 (508)	54 (1372)	18 (457)	42 (1067)	21 (533)	4 (102)	1 (25)	6 (152)	2.25 (57)	28.25 (718)	58 (1473)	15.25 (387)	24 (610)	22.05 (560)	5.5 (140)	6.8 (173)	16 (406)	9 (229)	10 (254)
364	20 (508)	54 (1372)	18 (457)	42 (1067)	21 (533)	4 (102)	1 (25)	6 (152)	2.25 (57)	28.25 (718)	60 (1524)	15.25 (387)	25 (635)	22.05 (560)	5.5 (140)	6.8 (173)	16 (406)	9 (229)	10 (254)
365	20 (508)	54 (1372)	18 (457)	42 (1067)	21 (533)	4 (102)	1 (25)	6 (152)	2.25 (57)	28.25 (718)	61 (1549)	15.25 (387)	25 (635)	22.05 (560)	5.5 (140)	6.8 (173)	16 (406)	9 (229)	10 (254)

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

SUBMITTAL

AC-543A

JOB: UNIT TAG: ENGINEER: CONTRACTOR:	REPRESENTATIVE: ORDER NO. SUBMITTED BY: APPROVED BY:	DATE: DATE: DATE:
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3x2x11S

Series A-C 8100

Base Mounted - Double Suction Centrifugal Pumps

SPECIFICATIONS

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

MATERIALS OF CONSTRUCTION

- ☒ Cast Iron Bronze Fitted
- ☒ Fabricated Heavy Duty Baseplate
- ☒ ANSI/OSHA Coupling Guard
- ☒ Flexible Coupling
- ☐ Spacer Coupling (Optional)
- ☐ Galvanized Drip Pan (Optional)

TYPE OF SEAL

- ☐ **STANDARD:** 175 PSIG (12 Bar) working pressure, 125# ANSI Flange Configuration
- ☐ **STANDARD:** Crane Type 21, BUNA/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).
- ☐ **OPTIONAL:** Crane Type 21, EPR/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -20° to 250°F (-29 °C to 121 °C).
- ☐ **OPTIONAL:** Crane Type 21, EPR/Carbon Tungsten Carbide, 75 psig (5 Bar) maximum suction pressure, from -20° to 250°F (-29 °C to 121 °C).
- ☐ **OPTIONAL:** 280 PSIG (19 Bar) working pressure, 250# ANSI Flange Configuration
- ☐ **STANDARD:** Crane Type 1, BUNA/Carbon-Ceramic, 150 psig (10 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).
- ☐ **OPTIONAL:** 400 PSIG (27 Bar) working pressure, 250# ANSI Flange Configuration
- ☐ **STANDARD:** Crane Type 1B, BUNA/Carbon-Ceramic, 300 psig (20 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).
- ☐ **OTHER:**

SUBMITTAL**AC-575.4B**

JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NO.

DATE:

ENGINEER:

SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:



6x4x10A

Series AC-8100

Base Mounted - Double Suction Centrifugal Pumps

SPECIFICATIONS

FLOW _____ HEAD _____

HP _____ RPM _____

VOLTS _____

CYCLE _____ PHASE _____

ENCLOSURE _____

APPROX. WEIGHT _____

SPECIALS _____

MATERIALS OF CONSTRUCTION

- ☒ Cast Iron Bronze Fitted
- ☒ Fabricated Heavy Duty Baseplate
- ☒ ANSI/OSHA Coupling Guard
- ☒ Flexible Coupling
- ☐ Spacer Coupling (Optional)
- ☐ Galvanized Drip Pan (Optional)

TYPE OF SEAL

☐ **STANDARD:** 175 PSIG (12 Bar) working pressure, 125# ANSI Flange Configuration

☐ **STANDARD:** Crane Type 21, BUNA/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).

☐ **OPTIONAL:** Crane Type 21, EPR/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -20° to 250°F (-29 °C to 121 °C).

☐ **OPTIONAL:** Crane Type 21, EPR/Carbon Tungsten Carbide, 75 psig (5 Bar) maximum suction pressure, from -20° to 250°F (-29 °C to 121 °C).

☐ **OPTIONAL:** 280 PSIG (19 Bar) working pressure, 250# ANSI Flange Configuration

☐ **STANDARD:** Crane Type 1, BUNA/Carbon-Ceramic, 150 psig (10 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).

☐ **OPTIONAL:** 400 PSIG (27 Bar) working pressure, 250# ANSI Flange Configuration

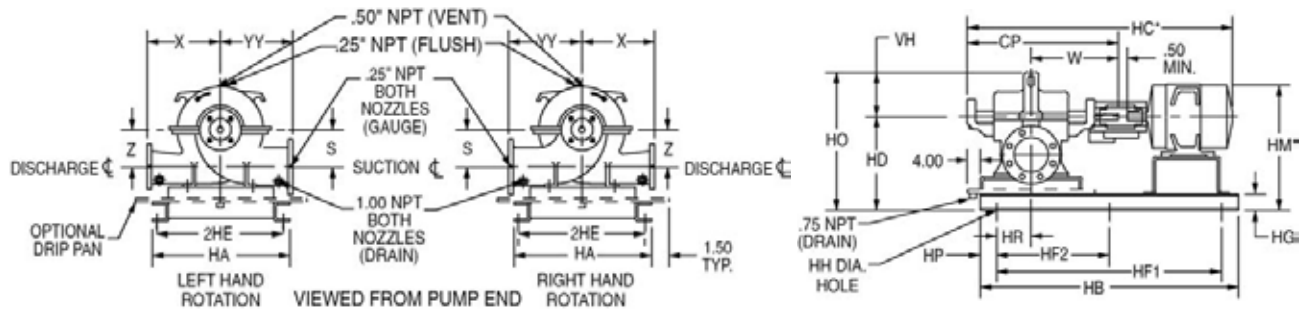
☐ **STANDARD:** Crane Type 1B, BUNA/Carbon-Ceramic, 300 psig (20 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).

☐ **OTHER:**

SERIES A-C 8100

Series AC-8100 6X4X10A Centrifugal Pump Submittal

AC-575.4B



FLANGE DIMENSIONS IN INCHES	
Discharge	Suction
4	6

DIMENSIONS - Inches (mm)

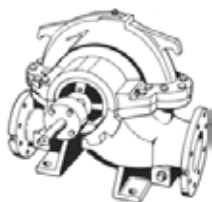
MOTOR FRAME	HA	HB	2HE	HF ₁	HF ₂	HG	HH	HP	HR	CP	HC*	HD	HM*	HO	S & Z	VH	W	X	YY
182	21.50 (546)	48.00 (1219)	19.50 (495)	36.00 (914)	18.00 (457)	4.00 (102)	1.00 (25)	6.00 (152)	2.88 (73)	30.06 (764)	55 (1397)	18.25 (464)	23.55 (598)	25.94 (659)	7.00 (178)	7.69 (195)	17.25 (438)	11.50 (292)	12.00 (305)
184	21.50 (546)	48.00 (1219)	19.50 (495)	36.00 (914)	18.00 (457)	4.00 (102)	1.00 (25)	6.00 (152)	2.88 (73)	30.06 (764)	56 (1422)	18.25 (464)	23.55 (598)	25.94 (659)	7.00 (178)	7.69 (195)	17.25 (438)	11.50 (292)	12.00 (305)
213	21.50 (546)	48.00 (1219)	19.50 (495)	36.00 (914)	18.00 (457)	4.00 (102)	1.00 (25)	6.00 (152)	2.88 (73)	30.06 (764)	59 (1499)	18.25 (464)	24.25 (616)	25.94 (659)	7.00 (178)	7.69 (195)	17.25 (438)	11.50 (292)	12.00 (305)
215	21.50 (546)	48.00 (1219)	19.50 (495)	36.00 (914)	18.00 (457)	4.00 (102)	1.00 (25)	6.00 (152)	2.88 (73)	30.06 (764)	60 (1524)	18.25 (464)	24.25 (616)	25.94 (659)	7.00 (178)	7.69 (195)	17.25 (438)	11.50 (292)	12.00 (305)
254	21.50 (546)	60.00 (1524)	19.50 (495)	48.00 (1219)	24.00 (610)	4.00 (102)	1.00 (25)	6.00 (152)	2.88 (73)	30.06 (764)	64 (1626)	18.25 (464)	25.35 (644)	25.94 (659)	7.00 (178)	7.69 (195)	17.25 (438)	11.50 (292)	12.00 (305)
256	21.50 (546)	60.00 (1524)	19.50 (495)	48.00 (1219)	24.00 (610)	4.00 (102)	1.00 (25)	6.00 (152)	2.88 (73)	30.06 (764)	66 (1676)	18.25 (464)	25.35 (644)	25.94 (659)	7.00 (178)	7.69 (195)	17.25 (438)	11.50 (292)	12.00 (305)
284	21.50 (546)	60.00 (1524)	19.50 (495)	48.00 (1219)	24.00 (610)	4.00 (102)	1.00 (25)	6.00 (152)	2.88 (73)	30.06 (764)	66 (1676)	18.25 (464)	26.05 (662)	25.94 (659)	7.00 (178)	7.69 (195)	17.25 (438)	11.50 (292)	12.00 (305)
286	21.50 (546)	60.00 (1524)	19.50 (495)	48.00 (1219)	24.00 (610)	4.00 (102)	1.00 (25)	6.00 (152)	2.88 (73)	30.06 (764)	67 (1702)	18.25 (464)	26.05 (662)	25.94 (659)	7.00 (178)	7.69 (195)	17.25 (438)	11.50 (292)	12.00 (305)
324	21.50 (546)	60.00 (1524)	19.50 (495)	48.00 (1219)	24.00 (610)	4.00 (102)	1.00 (25)	6.00 (152)	2.88 (73)	30.06 (764)	69 (1753)	18.25 (464)	26.85 (682)	25.94 (659)	7.00 (178)	7.69 (195)	17.25 (438)	11.50 (292)	12.00 (305)

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

*Motor dimensions are approximate for "T" frames, vary by manufacturer and motor type.

SUBMITTAL**AC-543.3A**

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



6x4x10M Series A-C 8100

Base Mounted - Double Suction Centrifugal Pumps

SPECIFICATIONS

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

MATERIALS OF CONSTRUCTION

- ☒ Cast Iron Bronze Fitted
- ☒ Fabricated Heavy Duty Baseplate
- ☒ ANSI/OSHA Coupling Guard
- ☒ Flexible Coupling
- ☐ Spacer Coupling (Optional)
- ☐ Galvanized Drip Pan (Optional)

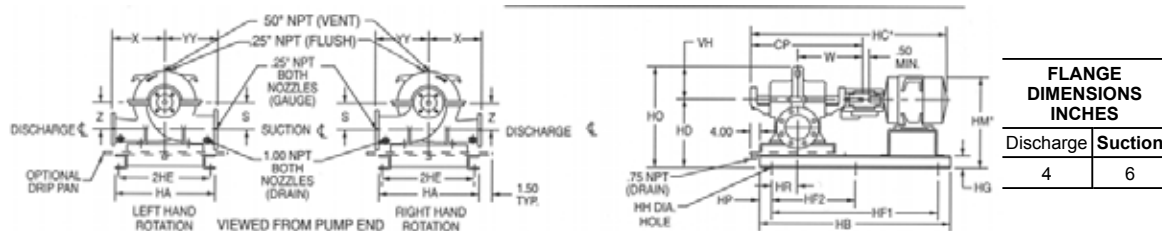
TYPE OF SEAL

- ☐ **STANDARD:** 175 PSIG (12 Bar) working pressure, 125# ANSI Flange Configuration
- ☐ **STANDARD:** Crane Type 21, BUNA/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).
- ☐ **OPTIONAL:** Crane Type 21, EPR/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -20° to 250°F (-29 °C to 121 °C).
- ☐ **OPTIONAL:** Crane Type 21, EPR/Carbon Tungsten Carbide, 75 psig (5 Bar) maximum suction pressure, from -20° to 250°F (-29 °C to 121 °C).
- ☐ **OPTIONAL:** 280 PSIG (19 Bar) working pressure, 250# ANSI Flange Configuration
- ☐ **STANDARD:** Crane Type 1, BUNA/Carbon-Ceramic, 150 psig (10 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).
- ☐ **OPTIONAL:** 400 PSIG (27 Bar) working pressure, 250# ANSI Flange Configuration
- ☐ **STANDARD:** Crane Type 1B, BUNA/Carbon-Ceramic, 300 psig (20 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).
- ☐ **OTHER:**

SERIES A-C 8100

A-C 8100 6x4x10M Centrifugal Pump Submittal

AC-543.3A



DIMENSIONS - Inches (mm)

MOTOR FRAME	HA	HB	2HE	HF ₁	HF ₂	HG	HH	HP	HR	CP	HC*	HD	HM*	HO	S & Z	VH	W	X	YY
182	24 (610)	48 (1219)	22 (559)	36 (914)	18 (457)	4 (102)	1 (25)	6 (152)	4.62 (117)	33.12 (841)	48 (1219)	18.25 (464)	24 (610)	26.12 (663)	6.5 (165)	7.88 (200)	18.5 (470)	11.5 (292)	13 (330)
184	24 (610)	48 (1219)	22 (559)	36 (914)	18 (457)	4 (102)	1 (25)	6 (152)	4.62 (117)	33.12 (841)	49 (1245)	18.25 (464)	24 (610)	26.12 (663)	6.5 (165)	7.88 (200)	18.5 (470)	11.5 (292)	13 (330)
213	24 (610)	48 (1219)	22 (559)	36 (914)	18 (457)	4 (102)	1 (25)	6 (152)	4.62 (117)	33.12 (841)	52 (1321)	18.25 (464)	25 (635)	26.12 (663)	6.5 (165)	7.88 (200)	18.5 (470)	11.5 (292)	13 (330)
215	24 (610)	48 (1219)	22 (559)	36 (914)	18 (457)	4 (102)	1 (25)	6 (152)	4.62 (117)	33.12 (841)	53 (1346)	18.25 (464)	25 (635)	26.12 (663)	6.5 (165)	7.88 (200)	18.5 (470)	11.5 (292)	13 (330)
254	24 (610)	58 (1473)	22 (559)	46 (1168)	23 (584)	4 (102)	1 (25)	6 (152)	4.62 (117)	33.12 (841)	55 (1397)	18.25 (464)	26 (660)	26.12 (663)	6.5 (165)	7.88 (200)	18.5 (470)	11.5 (292)	13 (330)
256	24 (610)	58 (1473)	22 (559)	46 (1168)	23 (584)	4 (102)	1 (25)	6 (152)	4.62 (117)	33.12 (841)	57 (1448)	18.25 (464)	26 (660)	26.12 (663)	6.5 (165)	7.88 (200)	18.5 (470)	11.5 (292)	13 (330)
284	24 (610)	58 (1473)	22 (559)	46 (1168)	23 (584)	4 (102)	1 (25)	6 (152)	4.62 (117)	33.12 (841)	59 (1499)	18.25 (464)	26 (660)	26.12 (663)	6.5 (165)	7.88 (200)	18.5 (470)	11.5 (292)	13 (330)
286	24 (610)	58 (1473)	22 (559)	46 (1168)	23 (584)	4 (102)	1 (25)	6 (152)	4.62 (117)	33.12 (841)	60 (1524)	18.25 (464)	26 (660)	26.12 (663)	6.5 (165)	7.88 (200)	18.5 (470)	11.5 (292)	13 (330)
324	24 (610)	58 (1473)	22 (559)	46 (1168)	23 (584)	4 (102)	1 (25)	6 (152)	4.62 (117)	33.12 (841)	62 (1575)	18.25 (464)	27 (686)	26.12 (663)	6.5 (165)	7.88 (200)	18.5 (470)	11.5 (292)	13 (330)
326	24 (610)	58 (1473)	22 (559)	46 (1168)	23 (584)	4 (102)	1 (25)	6 (152)	4.62 (117)	33.12 (841)	63 (1600)	18.25 (464)	27 (686)	26.12 (663)	6.5 (165)	7.88 (200)	18.5 (470)	11.5 (292)	13 (330)
364	24 (610)	64 (1626)	22 (559)	52 (1321)	23 (584)	4 (102)	1 (25)	6 (152)	4.62 (117)	33.12 (841)	65 (1651)	18.25 (464)	28 (711)	26.12 (663)	6.5 (165)	7.88 (200)	18.5 (470)	11.5 (292)	13 (330)
365	24 (610)	64 (1626)	22 (559)	52 (1321)	23 (584)	4 (102)	1 (25)	6 (152)	4.62 (117)	33.12 (841)	66 (1676)	18.25 (464)	28 (711)	26.12 (663)	6.5 (165)	7.88 (200)	18.5 (470)	11.5 (292)	13 (330)
404	24 (610)	64 (1626)	22 (559)	52 (1321)	23 (584)	4 (102)	1 (25)	6 (152)	4.62 (117)	33.12 (841)	70 (1778)	18.25 (464)	29 (737)	26.12 (663)	6.5 (165)	7.88 (200)	18.5 (470)	11.5 (292)	13 (330)
405	24 (610)	64 (1626)	22 (559)	52 (1321)	23 (584)	4 (102)	1 (25)	6 (152)	4.62 (117)	33.12 (841)	72 (1829)	18.25 (464)	29 (737)	26.12 (663)	6.5 (165)	7.88 (200)	18.5 (470)	11.5 (292)	13 (330)
444	24 (610)	76 (1930)	22 (559)	64 (1626)	23 (584)	6 (152)	1 (25)	6 (152)	4.62 (117)	33.12 (841)	76 (1930)	20.25 (514)	32 (813)	28.12 (714)	6.5 (165)	7.88 (200)	18.5 (470)	11.5 (292)	13 (330)
445	24 (610)	76 (1930)	22 (559)	64 (1626)	23 (584)	6 (152)	1 (25)	6 (152)	4.62 (117)	33.12 (841)	78 (1981)	20.25 (514)	32 (813)	28.12 (714)	6.5 (165)	7.88 (200)	18.5 (470)	11.5 (292)	13 (330)

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

SERIES A-C 8100

SUBMITTAL**AC-575.5B**

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

**6x4x12A****Series A-C 8100**

Base Mounted - Double Suction Centrifugal Pumps

SPECIFICATIONS

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

MATERIALS OF CONSTRUCTION

- ☒ Cast Iron Bronze Fitted
☒ Fabricated Heavy Duty Baseplate
☒ ANSI/OSHA Coupling Guard
☒ Flexible Coupling
☐ Spacer Coupling (Optional)
☐ Galvanized Drip Pan (Optional)

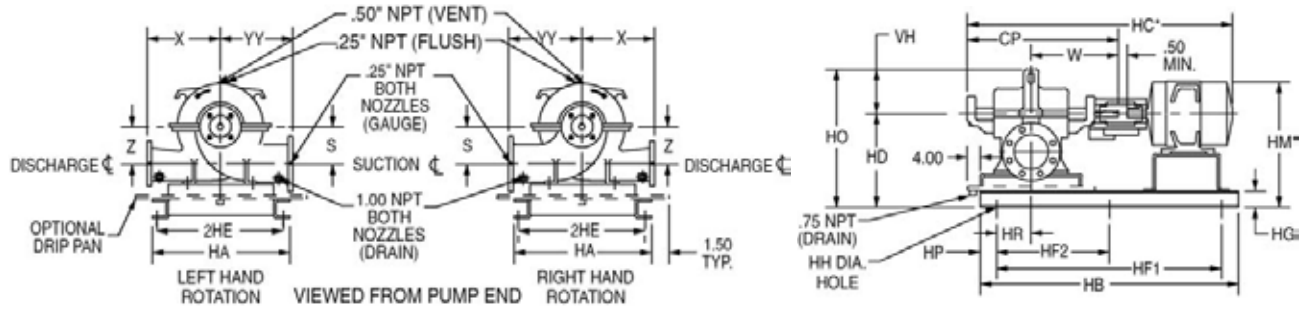
TYPE OF SEAL

- ☐ **STANDARD:** 175 PSIG (12 Bar) working pressure, 125# ANSI Flange Configuration
☐ **STANDARD:** Crane Type 21, BUNA/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).
☐ **OPTIONAL:** Crane Type 21, EPR/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -20° to 250°F (-29 °C to 121 °C).
☐ **OPTIONAL:** Crane Type 21, EPR/Carbon Tungsten Carbide, 75 psig (5 Bar) maximum suction pressure, from -20° to 250°F (-29 °C to 121 °C).
☐ **OPTIONAL:** 280 PSIG (19 Bar) working pressure, 250# ANSI Flange Configuration
☐ **STANDARD:** Crane Type 1, BUNA/Carbon-Ceramic, 150 psig (10 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).
☐ **OPTIONAL:** 400 PSIG (27 Bar) working pressure, 250# ANSI Flange Configuration
☐ **STANDARD:** Crane Type 1B, BUNA/Carbon-Ceramic, 300 psig (20 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).
☐ **OTHER:** _____

SERIES A-C 8100

Series AC-8100 6x4x12A Centrifugal Pump Submittal

AC-575.5B



FLANGE DIMENSIONS IN INCHES	
Discharge	Suction
4	6

DIMENSIONS - Inches (mm)

MOTOR FRAME	HA	HB	2HE	HF ₁	HF ₂	HG	HH	HP	HR	CP	HC*	HD	HM*	HO	S & Z	VH	W	X	YY
215	24 (610)	48 (1219)	22 (559)	46 (1168)	23 (584)	4 (102)	1 (25)	6 (152)	4.62 (117)	33.12 (841)	53 (1346)	18.25 (464)	25 (635)	26.12 (663)	6.5 (165)	7.88 (200)	18.5 (470)	11.5 (292)	13 (330)
254	24 (610)	58 (1473)	22 (559)	46 (1168)	23 (584)	4 (102)	1 (25)	6 (152)	4.62 (117)	33.12 (841)	55 (1397)	18.25 (464)	26 (660)	26.12 (663)	6.5 (165)	7.88 (200)	18.5 (470)	11.5 (292)	13 (330)
256	24 (610)	58 (1473)	22 (559)	46 (1168)	23 (584)	4 (102)	1 (25)	6 (152)	4.62 (117)	33.12 (841)	57 (1448)	18.25 (464)	26 (660)	26.12 (663)	6.5 (165)	7.88 (200)	18.5 (470)	11.5 (292)	13 (330)
284	24 (610)	58 (1473)	22 (559)	46 (1168)	23 (584)	4 (102)	1 (25)	6 (152)	4.62 (117)	33.12 (841)	59 (1499)	18.25 (464)	26 (660)	26.12 (663)	6.5 (165)	7.88 (200)	18.5 (470)	11.5 (292)	13 (330)
286	24 (610)	58 (1473)	22 (559)	46 (1168)	23 (584)	4 (102)	1 (25)	6 (152)	4.62 (117)	33.12 (841)	60 (1524)	18.25 (464)	26 (660)	26.12 (663)	6.5 (165)	7.88 (200)	18.5 (470)	11.5 (292)	13 (330)
324	24 (610)	58 (1473)	22 (559)	46 (1168)	23 (584)	4 (102)	1 (25)	6 (152)	4.62 (117)	33.12 (841)	62 (1575)	18.25 (464)	27 (686)	26.12 (663)	6.5 (165)	7.88 (200)	18.5 (470)	11.5 (292)	13 (330)
326	24 (610)	58 (1473)	22 (559)	46 (1168)	23 (584)	4 (102)	1 (25)	6 (152)	4.62 (117)	33.12 (841)	63 (1600)	18.25 (464)	27 (686)	26.12 (663)	6.5 (165)	7.88 (200)	18.5 (470)	11.5 (292)	13 (330)
364	24 (610)	64 (1626)	22 (559)	52 (1321)	23 (584)	4 (102)	1 (25)	6 (152)	4.62 (117)	33.12 (841)	65 (1651)	18.25 (464)	28 (711)	26.12 (663)	6.5 (165)	7.88 (200)	18.5 (470)	11.5 (292)	13 (330)
365	24 (610)	64 (1626)	22 (559)	52 (1321)	23 (584)	4 (102)	1 (25)	6 (152)	4.62 (117)	33.12 (841)	66 (1676)	18.25 (464)	28 (711)	26.12 (663)	6.5 (165)	7.88 (200)	18.5 (470)	11.5 (292)	13 (330)

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

*Motor dimensions are approximate for "T" frames, vary by manufacturer and motor type.

SERIES A-C 8100

SUBMITTAL**AC-575.6B**

JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NO.

DATE:

ENGINEER:

SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:

**6x4x14A****Series AC-8100**

Base Mounted - Double Suction Centrifugal Pumps

SPECIFICATIONS

FLOW _____ HEAD _____

HP _____ RPM _____

VOLTS _____

CYCLE _____ PHASE _____

ENCLOSURE _____

APPROX. WEIGHT _____

SPECIALS _____

MATERIALS OF CONSTRUCTION

- ☒ Cast Iron Bronze Fitted
☒ Fabricated Heavy Duty Baseplate
☒ ANSI/OSHA Coupling Guard
☒ Flexible Coupling
☐ Spacer Coupling (Optional)
☐ Galvanized Drip Pan (Optional)

TYPE OF SEAL
☐ **STANDARD:** 175 PSIG (12 Bar) working pressure, 125# ANSI Flange Configuration

☐ **STANDARD:** Crane Type 21, BUNA/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).

☐ **OPTIONAL:** Crane Type 21, EPR/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -20° to 250°F (-29 °C to 121 °C).

☐ **OPTIONAL:** Crane Type 21, EPR/Carbon Tungsten Carbide, 75 psig (5 Bar) maximum suction pressure, from -20° to 250°F (-29 °C to 121 °C).

☐ **OPTIONAL:** 280 PSIG (19 Bar) working pressure, 250# ANSI Flange Configuration

☐ **STANDARD:** Crane Type 1, BUNA/Carbon-Ceramic, 150 psig (10 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).

☐ **OPTIONAL:** 400 PSIG (27 Bar) working pressure, 250# ANSI Flange Configuration

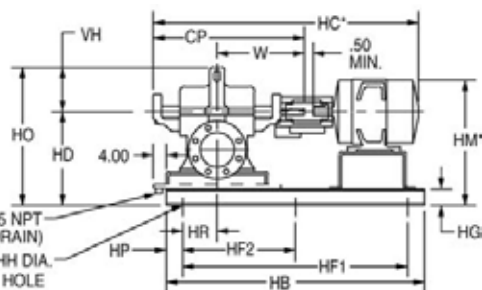
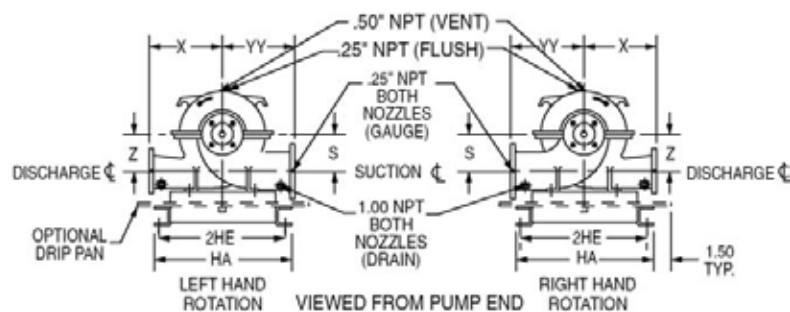
☐ **STANDARD:** Crane Type 1B, BUNA/Carbon-Ceramic, 300 psig (20 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).

☐ **OTHER:** _____

SERIES A-C 8100

Series AC-8100 6X4X14A Centrifugal Pump Submittal

AC-575.6B



FLANGE DIMENSIONS IN INCHES	
Discharge	Suction
4	6

DIMENSIONS - Inches (mm)

MOTOR FRAME	HA	HB	2HE	HF ₁	HF ₂	HG	HH	HP	HR	CP	HC*	HD	HM*	HO	S & Z	VH	W	X	YY
215	24.00 (610)	50.00 (1270)	22.00 (559)	38.00 (965)	19.00 (483)	4.00 (102)	1.00 (25)	6.00 (152)	3.25 (83)	30.75 (781)	51 (1295)	19.25 (489)	26 (660)	28.50 (723)	7.75 (197)	9.20 (234)	17.50 (445)	11.50 (292)	13.00 (330)
254	24.00 (610)	50.00 (1270)	22.00 (559)	38.00 (965)	19.00 (483)	4.00 (102)	1.00 (25)	6.00 (152)	3.25 (83)	30.75 (781)	53 (1346)	19.25 (489)	27 (686)	28.50 (723)	7.75 (197)	9.20 (234)	17.50 (445)	11.50 (292)	13.00 (330)
256	24.00 (610)	50.00 (1270)	22.00 (559)	38.00 (965)	19.00 (483)	4.00 (102)	1.00 (25)	6.00 (152)	3.25 (83)	30.75 (781)	55 (1397)	19.25 (489)	27 (686)	28.50 (723)	7.75 (197)	9.20 (234)	17.50 (445)	11.50 (292)	13.00 (330)
284	24.00 (610)	58.00 (1473)	22.00 (559)	46.00 (1169)	23.00 (584)	4.00 (102)	1.00 (25)	6.00 (152)	3.25 (83)	30.75 (781)	56 (1422)	19.25 (489)	28 (711)	28.50 (723)	7.75 (197)	9.20 (234)	17.50 (445)	11.50 (292)	13.00 (330)
286	24.00 (610)	58.00 (1473)	22.00 (559)	46.00 (1169)	23.00 (584)	4.00 (102)	1.00 (25)	6.00 (152)	3.25 (83)	30.75 (781)	58 (1473)	19.25 (489)	28 (711)	28.50 (723)	7.75 (197)	9.20 (234)	17.50 (445)	11.50 (292)	13.00 (330)
324	24.00 (610)	58.00 (1473)	22.00 (559)	46.00 (1169)	23.00 (584)	4.00 (102)	1.00 (25)	6.00 (152)	3.25 (83)	30.75 (781)	59 (1499)	19.25 (489)	29 (737)	28.50 (723)	7.75 (197)	9.20 (234)	17.50 (445)	11.50 (292)	13.00 (330)
326	24.00 (610)	58.00 (1473)	22.00 (559)	46.00 (1169)	23.00 (584)	4.00 (102)	1.00 (25)	6.00 (152)	3.25 (83)	30.75 (781)	61 (1549)	19.25 (489)	29 (737)	28.50 (723)	7.75 (197)	9.20 (234)	17.50 (445)	11.50 (292)	13.00 (330)
364	24.00 (610)	58.00 (1473)	22.00 (559)	46.00 (1169)	23.00 (584)	4.00 (102)	1.00 (25)	6.00 (152)	3.25 (83)	30.75 (781)	63 (1600)	19.25 (489)	30 (762)	28.50 (723)	7.75 (197)	9.20 (234)	17.50 (445)	11.50 (292)	13.00 (330)
365	24.00 (610)	58.00 (1473)	22.00 (559)	46.00 (1169)	23.00 (584)	4.00 (102)	1.00 (25)	6.00 (152)	3.25 (83)	30.75 (781)	64 (1626)	19.25 (489)	30 (762)	28.50 (723)	7.75 (197)	9.20 (234)	17.50 (445)	11.50 (292)	13.00 (330)
404	24.00 (610)	68.00 (1727)	22.00 (559)	56.00 (1422)	28.00 (711)	4.00 (102)	1.00 (25)	6.00 (152)	3.25 (83)	30.75 (781)	68 (1727)	19.25 (489)	31 (787)	28.50 (723)	7.75 (197)	9.20 (234)	17.50 (445)	11.50 (292)	13.00 (330)
405	24.00 (610)	68.00 (1727)	22.00 (559)	56.00 (1422)	28.00 (711)	4.00 (102)	1.00 (25)	6.00 (152)	3.25 (83)	30.75 (781)	70 (1778)	19.25 (489)	31 (787)	28.50 (723)	7.75 (197)	9.20 (234)	17.50 (445)	11.50 (292)	13.00 (330)
444	24.00 (610)	76.00 (1930)	22.00 (559)	64.00 (1626)	32.00 (813)	6.00 (152)	1.00 (25)	6.00 (152)	3.25 (83)	30.75 (781)	74 (1880)	21.25 (540)	35.00 (889)	35.00 (775)	7.75 (197)	9.20 (234)	17.50 (445)	11.50 (292)	13.00 (330)

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

*Motor dimensions are approximate for "T" frames, vary by manufacturer and motor type.

SUBMITTAL**AC-543.12A**

JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NO.

DATE:

ENGINEER:

SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:



6X4X14L Series A-C 8100

Base Mounted - Double Suction Centrifugal Pumps

SPECIFICATIONS

FLOW _____ HEAD _____

HP _____ RPM _____

VOLTS _____

CYCLE _____ PHASE _____

ENCLOSURE _____

APPROX. WEIGHT _____

SPECIALS _____

MATERIALS OF CONSTRUCTION

- ☒ Cast Iron Bronze Fitted
- ☒ Fabricated Heavy Duty Baseplate
- ☒ ANSI/OSHA Coupling Guard
- ☒ Flexible Coupling
- ☐ Spacer Coupling (Optional)
- ☐ Galvanized Drip Pan (Optional)

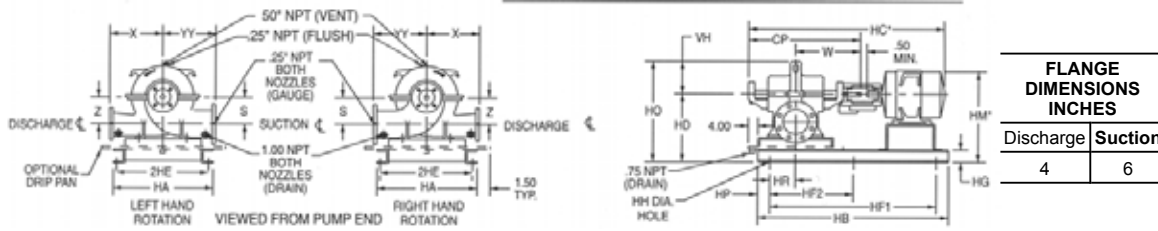
TYPE OF SEAL

- ☐ **STANDARD:** 175 PSIG (12 Bar) working pressure, 125# ANSI Flange Configuration
- ☐ **STANDARD:** Crane Type 21, BUNA/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).
- ☐ **OPTIONAL:** Crane Type 21, EPR/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -20° to 250°F (-29 °C to 121 °C).
- ☐ **OPTIONAL:** Crane Type 21, EPR/Carbon Tungsten Carbide, 75 psig (5 Bar) maximum suction pressure, from -20° to 250°F (-29 °C to 121 °C).
- ☐ **OPTIONAL:** 280 PSIG (19 Bar) working pressure, 250# ANSI Flange Configuration
- ☐ **STANDARD:** Crane Type 1, BUNA/Carbon-Ceramic, 150 psig (10 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).
- ☐ **OPTIONAL:** 400 PSIG (27 Bar) working pressure, 250# ANSI Flange Configuration
- ☐ **STANDARD:** Crane Type 1B, BUNA/Carbon-Ceramic, 300 psig (20 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).
- ☐ **OTHER:**

SERIES A-C 8100

A-C 8100 6X4X14L Centrifugal Pump Submittal

AC-543.12A



DIMENSIONS - Inches (mm)

MOTOR FRAME	HA	HB	2HE	HF ₁	HF ₂	HG	HH	HP	HR	CP	HC*	HD	HM*	HO	S & Z	VH	W	X	YY
182	24 (610)	50 (1270)	22 (559)	38 (965)	19 (483)	4 (102)	1 (25)	6 (152)	3.25 (83)	30.75 (781)	46 (1168)	19.25 (489)	25 (635)	29 (737)	7.75 (197)	9.62 (244)	17.5 (444)	11.5 (292)	13 (330)
184	24 (610)	50 (1270)	22 (559)	38 (965)	19 (483)	4 (102)	1 (25)	6 (152)	3.25 (83)	30.75 (781)	47 (1194)	19.25 (489)	25 (635)	29 (737)	7.75 (197)	9.62 (244)	17.5 (444)	11.5 (292)	13 (330)
213	24 (610)	50 (1270)	22 (559)	38 (965)	19 (483)	4 (102)	1 (25)	6 (152)	3.25 (83)	30.75 (781)	49 (1245)	19.25 (489)	25 (635)	29 (737)	7.75 (197)	9.62 (244)	17.5 (444)	11.5 (292)	13 (330)
215	24 (610)	50 (1270)	22 (559)	38 (965)	19 (483)	4 (102)	1 (25)	6 (152)	3.25 (83)	30.75 (781)	51 (1295)	19.25 (489)	25 (635)	29 (737)	7.75 (197)	9.62 (244)	17.5 (444)	11.5 (292)	13 (330)
254	24 (610)	50 (1270)	22 (559)	38 (965)	19 (483)	4 (102)	1 (25)	6 (152)	3.25 (83)	30.75 (781)	53 (1346)	19.25 (489)	26 (660)	29 (737)	7.75 (197)	9.62 (244)	17.5 (444)	11.5 (292)	13 (330)
256	24 (610)	50 (1270)	22 (559)	38 (965)	19 (483)	4 (102)	1 (25)	6 (152)	3.25 (83)	30.75 (781)	55 (1397)	19.25 (489)	26 (660)	29 (737)	7.75 (197)	9.62 (244)	17.5 (444)	11.5 (292)	13 (330)
284	24 (610)	58 (1473)	22 (559)	46 (1168)	23 (584)	4 (102)	1 (25)	6 (152)	3.25 (83)	30.75 (781)	56 (1422)	19.25 (489)	27 (686)	29 (737)	7.75 (197)	9.62 (244)	17.5 (444)	11.5 (292)	13 (330)
286	24 (610)	58 (1473)	22 (559)	46 (1168)	23 (584)	4 (102)	1 (25)	6 (152)	3.25 (83)	30.75 (781)	58 (1473)	19.25 (489)	27 (686)	29 (737)	7.75 (197)	9.62 (244)	17.5 (444)	11.5 (292)	13 (330)
324	24 (610)	58 (1473)	22 (559)	46 (1168)	23 (584)	4 (102)	1 (25)	6 (152)	3.25 (83)	30.75 (781)	59 (1499)	19.25 (489)	28 (711)	29 (737)	7.75 (197)	9.62 (244)	17.5 (444)	11.5 (292)	13 (330)
326	24 (610)	58 (1473)	22 (559)	46 (1168)	23 (584)	4 (102)	1 (25)	6 (152)	3.25 (83)	30.75 (781)	61 (1549)	19.25 (489)	28 (711)	29 (737)	7.75 (197)	9.62 (244)	17.5 (444)	11.5 (292)	13 (330)
364	24 (610)	58 (1473)	22 (559)	46 (1168)	23 (584)	4 (102)	1 (25)	6 (152)	3.25 (83)	30.75 (781)	63 (1600)	19.25 (489)	28 (711)	29 (737)	7.75 (197)	9.62 (244)	17.5 (444)	11.5 (292)	13 (330)
365	24 (610)	58 (1473)	22 (559)	46 (1168)	23 (584)	4 (102)	1 (25)	6 (152)	3.25 (83)	30.75 (781)	64 (1626)	19.25 (489)	28 (711)	29 (737)	7.75 (197)	9.62 (244)	17.5 (444)	11.5 (292)	13 (330)

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

SERIES A-C 8100

SUBMITTAL**AC-575.7B**

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

**8x6x10A****Series AC-8100**

Base Mounted - Double Suction Centrifugal Pumps

SPECIFICATIONS

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

MATERIALS OF CONSTRUCTION

- ☒ Cast Iron Bronze Fitted
☒ Fabricated Heavy Duty Baseplate
☒ ANSI/OSHA Coupling Guard
☒ Flexible Coupling
☐ Spacer Coupling (Optional)
☐ Galvanized Drip Pan (Optional)

TYPE OF SEAL

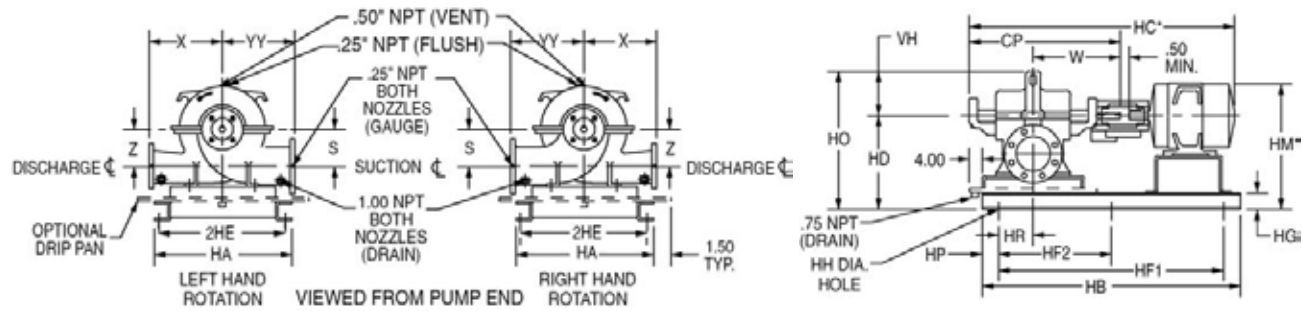
- ☐ **STANDARD:** 175 PSIG (12 Bar) working pressure, 125# ANSI Flange Configuration
☐ **STANDARD:** Crane Type 21, BUNA/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).
☐ **OPTIONAL:** Crane Type 21, EPB/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -20° to 250°F (-29 °C to 121 °C).
☐ **OPTIONAL:** Crane Type 21, EPB/Carbon Tungsten Carbide, 75 psig (5 Bar) maximum suction pressure, from -20° to 250°F (-29 °C to 121 °C).
☐ **OPTIONAL:** 280 PSIG (19 Bar) working pressure, 250# ANSI Flange Configuration
☐ **STANDARD:** Crane Type 1, BUNA/Carbon-Ceramic, 150 psig (10 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).
☐ **OPTIONAL:** 400 PSIG (27 Bar) working pressure, 250# ANSI Flange Configuration
☐ **STANDARD:** Crane Type 1B, BUNA/Carbon-Ceramic, 300 psig (20 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).
☐ **OTHER:** _____

NOTE: Mechanical Seal on sleeve or packing not available for this pump size.

SERIES A-C 8100

Series AC-8100 8X6X10A Centrifugal Pump Submittal

AC-575.7B



FLANGE DIMENSIONS IN INCHES	
Discharge	Suction
6	8

DIMENSIONS - Inches (mm)

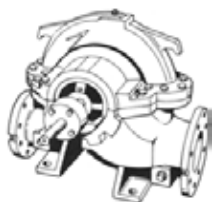
MOTOR FRAME	HA	HB	2HE	HF ₁	HF ₂	HG	HH	HP	HR	CP	HC*	HD	HM*	HO	S & Z	VH	W	X	YY
215	24.00 (610)	58.00 (1473)	22.00 (559)	46.00 (1168)	23.00 (584)	4.00 (102)	1.00 (25)	6.00 (152)	10.75 (273)	40.00 (1016)	60.25 (1530)	21.25 (540)	43.00 (1092)	30.50 (775)	8.25 (210)	9.25 (235)	23.00 (584)	12.50 (318)	12.50 (318)
254	24.00 (610)	64.00 (1626)	22.00 (559)	52.00 (1321)	26.00 (660)	4.00 (102)	1.00 (25)	6.00 (152)	10.75 (273)	40.00 (1016)	62.25 (1581)	21.25 (540)	45.00 (1143)	30.50 (775)	8.25 (210)	9.25 (235)	23.00 (584)	12.50 (318)	12.50 (318)
256	24.00 (610)	64.00 (1626)	22.00 (559)	52.00 (1321)	26.00 (660)	4.00 (102)	1.00 (25)	6.00 (152)	10.75 (273)	40.00 (1016)	64.25 (1632)	21.25 (540)	47.00 (1194)	30.50 (775)	8.25 (210)	9.25 (235)	23.00 (584)	12.50 (318)	12.50 (318)
284	24.00 (610)	64.00 (1626)	22.00 (559)	52.00 (1321)	26.00 (660)	4.00 (102)	1.00 (25)	6.00 (152)	10.75 (273)	40.00 (1016)	65.25 (1657)	21.25 (540)	48.00 (1219)	30.50 (775)	8.25 (210)	9.25 (235)	23.00 (584)	12.50 (318)	12.50 (318)
286	24.00 (610)	64.00 (1626)	22.00 (559)	52.00 (1321)	26.00 (660)	4.00 (102)	1.00 (25)	6.00 (152)	10.75 (273)	40.00 (1016)	67.25 (1708)	21.25 (540)	50.00 (1270)	30.50 (775)	8.25 (210)	9.25 (235)	23.00 (584)	12.50 (318)	12.50 (318)
324	24.00 (610)	64.00 (1626)	22.00 (559)	52.00 (1321)	26.00 (660)	4.00 (102)	1.00 (25)	6.00 (152)	10.75 (273)	40.00 (1016)	68.25 (1734)	21.25 (540)	51.00 (1295)	30.50 (775)	8.25 (210)	9.25 (235)	23.00 (584)	12.50 (318)	12.50 (318)
326	24.00 (610)	64.00 (1626)	22.00 (559)	52.00 (1321)	26.00 (660)	4.00 (102)	1.00 (25)	6.00 (152)	10.75 (273)	40.00 (1016)	69.25 (1759)	21.25 (540)	53.00 (1346)	30.50 (775)	8.25 (210)	9.25 (235)	23.00 (584)	12.50 (318)	12.50 (318)
364	24.00 (610)	68.00 (1727)	22.00 (559)	56.00 (1422)	28.00 (711)	4.00 (102)	1.00 (25)	6.00 (152)	10.75 (273)	40.00 (1016)	70.25 (1784)	21.25 (540)	55.00 (1397)	30.50 (775)	8.25 (210)	9.25 (235)	23.00 (584)	12.50 (318)	12.50 (318)
365	24.00 (610)	68.00 (1727)	22.00 (559)	56.00 (1422)	28.00 (711)	4.00 (102)	1.00 (25)	6.00 (152)	10.75 (273)	40.00 (1016)	71.25 (1810)	21.25 (540)	56.00 (1422)	30.50 (775)	8.25 (210)	9.25 (235)	23.00 (584)	12.50 (318)	12.50 (318)

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

*Motor dimensions are approximate for "T" frames, vary by manufacturer and motor type.

SUBMITTAL**AC-543.13A**

JOB: UNIT TAG: ENGINEER: CONTRACTOR:	REPRESENTATIVE: ORDER NO. SUBMITTED BY: APPROVED BY:	DATE: DATE: DATE:
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8X6X12S

Series A-C 8100

Base Mounted - Double Suction Centrifugal Pumps

SPECIFICATIONS

FLOW _____ HEAD _____

HP _____ RPM _____

VOLTS _____

CYCLE _____ PHASE _____

ENCLOSURE _____

APPROX. WEIGHT _____

SPECIALS _____

MATERIALS OF CONSTRUCTION

- ☒ Cast Iron Bronze Fitted
- ☒ Fabricated Heavy Duty Baseplate
- ☒ ANSI/OSHA Coupling Guard
- ☒ Flexible Coupling
- ☐ Spacer Coupling (Optional)
- ☐ Galvanized Drip Pan (Optional)

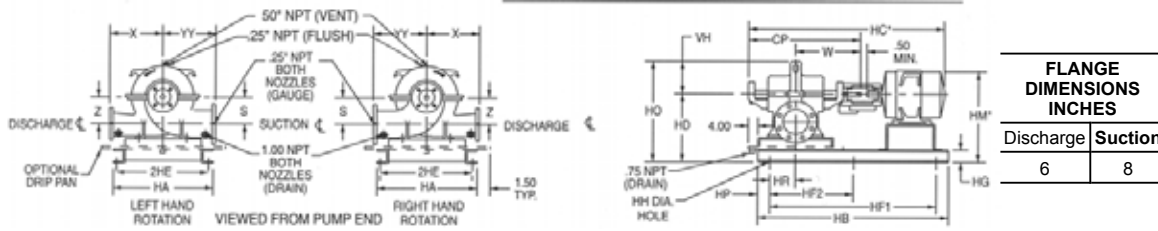
TYPE OF SEAL

- ☐ **STANDARD:** 175 PSIG (12 Bar) working pressure, 125# ANSI Flange Configuration
- ☐ **STANDARD:** Crane Type 21, BUNA/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).
- ☐ **OPTIONAL:** Crane Type 21, EPR/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -20° to 250°F (-29 °C to 121 °C).
- ☐ **OPTIONAL:** Crane Type 21, EPR/Carbon Tungsten Carbide, 75 psig (5 Bar) maximum suction pressure, from -20° to 250°F (-29 °C to 121 °C).
- ☐ **OPTIONAL:** 280 PSIG (19 Bar) working pressure, 250# ANSI Flange Configuration
- ☐ **STANDARD:** Crane Type 1, BUNA/Carbon-Ceramic, 150 psig (10 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).
- ☐ **OPTIONAL:** 400 PSIG (27 Bar) working pressure, 250# ANSI Flange Configuration
- ☐ **STANDARD:** Crane Type 1B, BUNA/Carbon-Ceramic, 300 psig (20 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).
- ☐ **OTHER:**

SERIES A-C 8100

A-C 8100 8X6X12S Centrifugal Pump Submittal

B-543.13A



DIMENSIONS - Inches (mm)

MOTOR FRAME	HA	HB	2HE	HF ₁	HF ₂	HG	HH	HP	HR	CP	HC*	HD	HM*	HO	S & Z	VH	W	X	YY
182	21.5 (546)	48 (1219)	19.5 (495)	36 (914)	18 (457)	4 (102)	1 (25)	6 (152)	3.25 (83)	30.75 (781)	46 (1168)	21.25 (540)	27 (686)	31 (787)	9 (229)	9.6 (244)	17.5 (444)	14 (356)	14 (356)
184	21.5 (546)	48 (1219)	19.5 (495)	36 (914)	18 (457)	4 (102)	1 (25)	6 (152)	3.25 (83)	30.75 (781)	47 (1194)	21.25 (540)	27 (686)	31 (787)	9 (229)	9.6 (244)	17.5 (444)	14 (356)	14 (356)
213	21.5 (546)	48 (1219)	19.5 (495)	36 (914)	18 (457)	4 (102)	1 (25)	6 (152)	3.25 (83)	30.75 (781)	49 (1245)	21.25 (540)	27 (686)	31 (787)	9 (229)	9.6 (244)	17.5 (444)	14 (356)	14 (356)
215	21.5 (546)	48 (1219)	19.5 (495)	36 (914)	18 (457)	4 (102)	1 (25)	6 (152)	3.25 (83)	30.75 (781)	51 (1295)	21.25 (540)	27 (686)	31 (787)	9 (229)	9.6 (244)	17.5 (444)	14 (356)	14 (356)
254	21.5 (546)	54 (1372)	19.5 (495)	42 (1067)	21 (533)	4 (102)	1 (25)	6 (152)	3.25 (83)	30.75 (781)	53 (1346)	21.25 (540)	28 (711)	31 (787)	9 (229)	9.6 (244)	17.5 (444)	14 (356)	14 (356)
256	21.5 (546)	54 (1372)	19.5 (495)	42 (1067)	21 (533)	4 (102)	1 (25)	6 (152)	3.25 (83)	30.75 (781)	55 (1397)	21.25 (540)	28 (711)	31 (787)	9 (229)	9.6 (244)	17.5 (444)	14 (356)	14 (356)
284	21.5 (546)	54 (1372)	19.5 (495)	42 (1067)	21 (533)	4 (102)	1 (25)	6 (152)	3.25 (83)	30.75 (781)	56 (1422)	21.25 (540)	29 (737)	31 (787)	9 (229)	9.6 (244)	17.5 (444)	14 (356)	14 (356)
286	21.5 (546)	54 (1372)	19.5 (495)	42 (1067)	21 (533)	4 (102)	1 (25)	6 (152)	3.25 (83)	30.75 (781)	58 (1473)	21.25 (540)	29 (737)	31 (787)	9 (229)	9.6 (244)	17.5 (444)	14 (356)	14 (356)
324	21.5 (546)	54 (1372)	19.5 (495)	42 (1067)	21 (533)	4 (102)	1 (25)	6 (152)	3.25 (83)	30.75 (781)	59 (1499)	21.25 (540)	30 (762)	31 (787)	9 (229)	9.6 (244)	17.5 (444)	14 (356)	14 (356)
326	21.5 (546)	54 (1372)	19.5 (495)	42 (1067)	21 (533)	4 (102)	1 (25)	6 (152)	3.25 (83)	30.75 (781)	61 (1549)	21.25 (540)	30 (762)	31 (787)	9 (229)	9.6 (244)	17.5 (444)	14 (356)	14 (356)
364	21.5 (546)	60 (1524)	19.5 (495)	48 (1219)	24 (610)	4 (102)	1 (25)	6 (152)	3.25 (83)	30.75 (781)	63 (1600)	21.25 (540)	31 (787)	31 (787)	9 (229)	9.6 (244)	17.5 (444)	14 (356)	14 (356)
365	21.5 (546)	60 (1524)	19.5 (495)	48 (1219)	24 (610)	4 (102)	1 (25)	6 (152)	3.25 (83)	30.75 (781)	64 (1626)	21.25 (540)	31 (787)	31 (787)	9 (229)	9.6 (244)	17.5 (444)	14 (356)	14 (356)

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

SUBMITTAL**AC-543.14A**

JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NO.

DATE:

ENGINEER:

SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:

**8X6X12M****Series A-C 8100****Base Mounted - Double Suction Centrifugal Pumps****SPECIFICATIONS**

FLOW _____ HEAD _____

HP _____ RPM _____

VOLTS _____

CYCLE _____ PHASE _____

ENCLOSURE _____

APPROX. WEIGHT _____

SPECIALS _____

MATERIALS OF CONSTRUCTION

- ☒ Cast Iron Bronze Fitted
☒ Fabricated Heavy Duty Baseplate
☒ ANSI/OSHA Coupling Guard
☒ Flexible Coupling
☐ Spacer Coupling (Optional)
☐ Galvanized Drip Pan (Optional)

TYPE OF SEAL
☐ **STANDARD:** 175 PSIG (12 Bar) working pressure, 125# ANSI Flange Configuration

☐ **STANDARD:** Crane Type 21, BUNA/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).

☐ **OPTIONAL:** Crane Type 21, EPR/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -20° to 250°F (-29 °C to 121 °C).

☐ **OPTIONAL:** Crane Type 21, EPR/Carbon Tungsten Carbide, 75 psig (5 Bar) maximum suction pressure, from -20° to 250°F (-29 °C to 121 °C).

☐ **OPTIONAL:** 280 PSIG (19 Bar) working pressure, 250# ANSI Flange Configuration

☐ **STANDARD:** Crane Type 1, BUNA/Carbon-Ceramic, 150 psig (10 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).

☐ **OPTIONAL:** 400 PSIG (27 Bar) working pressure, 250# ANSI Flange Configuration

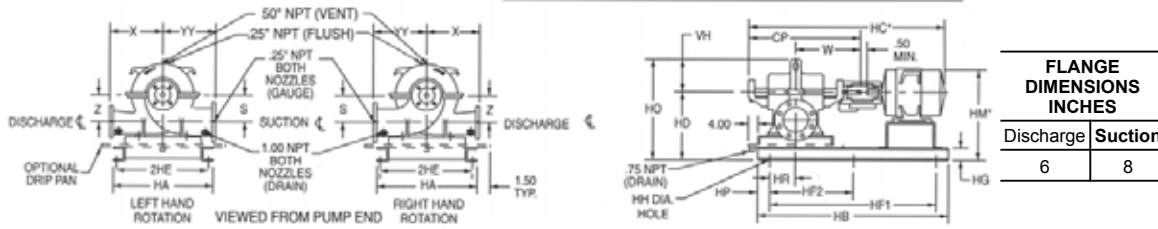
☐ **STANDARD:** Crane Type 1B, BUNA/Carbon-Ceramic, 300 psig (20 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).

☐ **OTHER:**

SERIES A-C 8100

A-C 8100 8X6X12M Centrifugal Pump Submittal

AC-543.14A



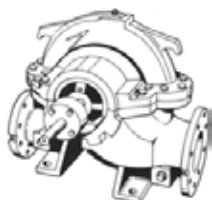
DIMENSIONS - Inches (mm)

MOTOR FRAME	HA	HB	2HE	HF ₁	HF ₂	HG	HH	HP	HR	CP	HC*	HD	HM*	HO	S & Z	VH	W	X	YY
254	24 (610)	58 (1473)	22 (559)	46 (1168)	23 (584)	4 (102)	1 (25)	6 (152)	4.63 (118)	33.12 (841)	55 (1397)	21.25 (540)	28 (711)	31 (787)	9 (229)	9.6 (244)	18.5 (470)	14 (356)	14 (356)
256	24 (610)	58 (1473)	22 (559)	46 (1168)	23 (584)	4 (102)	1 (25)	6 (152)	4.63 (118)	33.12 (841)	57 (1448)	21.25 (540)	28 (711)	31 (787)	9 (229)	9.6 (244)	18.5 (470)	14 (356)	14 (356)
284	24 (610)	58 (1473)	22 (559)	46 (1168)	23 (584)	4 (102)	1 (25)	6 (152)	4.63 (118)	33.12 (841)	59 (1499)	21.25 (540)	29 (737)	31 (787)	9 (229)	9.6 (244)	18.5 (470)	14 (356)	14 (356)
286	24 (610)	58 (1473)	22 (559)	46 (1168)	23 (584)	4 (102)	1 (25)	6 (152)	4.63 (118)	33.12 (841)	60 (1524)	21.25 (540)	29 (737)	31 (787)	9 (229)	9.6 (244)	18.5 (470)	14 (356)	14 (356)
324	24 (610)	58 (1473)	22 (559)	46 (1168)	23 (584)	4 (102)	1 (25)	6 (152)	4.63 (118)	33.12 (841)	62 (1575)	21.25 (540)	30 (762)	31 (787)	9 (229)	9.6 (244)	18.5 (470)	14 (356)	14 (356)
326	24 (610)	58 (1473)	22 (559)	46 (1168)	23 (584)	4 (102)	1 (25)	6 (152)	4.63 (118)	33.12 (841)	63 (1600)	21.25 (540)	30 (762)	31 (787)	9 (229)	9.6 (244)	18.5 (470)	14 (356)	14 (356)
364	24 (610)	64 (1626)	22 (559)	52 (1321)	26 (660)	4 (102)	1 (25)	6 (152)	4.63 (118)	33.12 (841)	65 (1651)	21.25 (540)	31 (787)	31 (787)	9 (229)	9.6 (244)	18.5 (470)	14 (356)	14 (356)
365	24 (610)	64 (1626)	22 (559)	52 (1321)	26 (660)	4 (102)	1 (25)	6 (152)	4.63 (118)	33.12 (841)	66 (1676)	21.25 (540)	31 (787)	31 (787)	9 (229)	9.6 (244)	18.5 (470)	14 (356)	14 (356)
404	24 (610)	64 (1626)	22 (559)	52 (1321)	26 (660)	4 (102)	1 (25)	6 (152)	4.63 (118)	33.12 (841)	70 (1778)	21.25 (540)	32 (813)	31 (787)	9 (229)	9.6 (244)	18.5 (470)	14 (356)	14 (356)
405	24 (610)	64 (1626)	22 (559)	52 (1321)	26 (660)	4 (102)	1 (25)	6 (152)	4.63 (118)	33.12 (841)	72 (1829)	21.25 (540)	32 (813)	31 (787)	9 (229)	9.6 (244)	18.5 (470)	14 (356)	14 (356)
444	24 (610)	76 (1930)	22 (559)	64 (1626)	32 (813)	6 (152)	1 (25)	6 (152)	4.63 (118)	33.12 (841)	76 (1930)	23.25 (591)	35 (889)	33 (838)	9 (229)	9.6 (244)	18.5 (470)	14 (356)	14 (356)
445	24 (610)	76 (1930)	22 (559)	64 (1626)	32 (813)	6 (152)	1 (25)	6 (152)	4.63 (118)	33.12 (841)	78 (1981)	23.25 (591)	35 (889)	33 (838)	9 (229)	9.6 (244)	18.5 (470)	14 (356)	14 (356)
447	24 (610)	76 (1930)	22 (559)	64 (1626)	32 (813)	6 (152)	1 (25)	6 (152)	4.63 (118)	33.12 (841)	81 (2057)	23.25 (591)	35 (889)	33 (838)	9 (229)	9.6 (244)	18.5 (470)	14 (356)	14 (356)

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

SUBMITTAL**AC-543.15A**

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



8X6X12L

Series A-C 8100

Base Mounted - Double Suction Centrifugal Pumps

SPECIFICATIONS

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

MATERIALS OF CONSTRUCTION

- ☒ Cast Iron Bronze Fitted
- ☒ Fabricated Heavy Duty Baseplate
- ☒ ANSI/OSHA Coupling Guard
- ☒ Flexible Coupling
- ☐ Spacer Coupling (Optional)
- ☐ Galvanized Drip Pan (Optional)

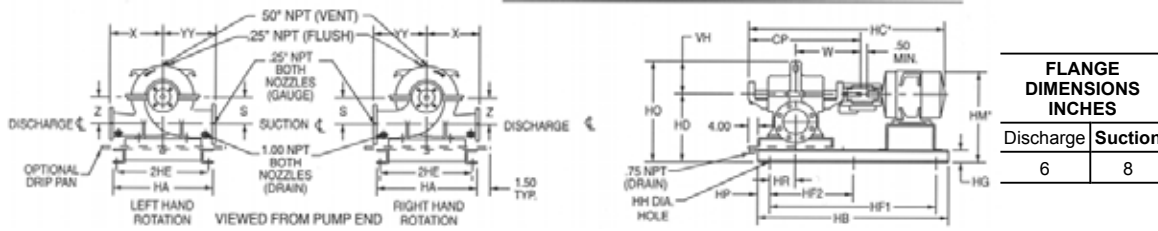
TYPE OF SEAL

- ☐ **STANDARD:** 175 PSIG (12 Bar) working pressure, 125# ANSI Flange Configuration
- ☐ **STANDARD:** Crane Type 21, BUNA/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).
- ☐ **OPTIONAL:** Crane Type 21, EPR/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -20° to 250°F (-29 °C to 121 °C).
- ☐ **OPTIONAL:** Crane Type 21, EPR/Carbon Tungsten Carbide, 75 psig (5 Bar) maximum suction pressure, from -20° to 250°F (-29 °C to 121 °C).
- ☐ **OPTIONAL:** 280 PSIG (19 Bar) working pressure, 250# ANSI Flange Configuration
- ☐ **STANDARD:** Crane Type 1, BUNA/Carbon-Ceramic, 150 psig (10 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).
- ☐ **OPTIONAL:** 400 PSIG (27 Bar) working pressure, 250# ANSI Flange Configuration
- ☐ **STANDARD:** Crane Type 1B, BUNA/Carbon-Ceramic, 300 psig (20 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).
- ☐ **OTHER:**

SERIES A-C 8100

A-C 8100 8X6X12L Centrifugal Pump Submittal

AC-543.15A



DIMENSIONS - Inches (mm)

MOTOR FRAME	HA	HB	2HE	HF ₁	HF ₂	HG	HH	HP	HR	CP	HC*	HD	HM*	HO	S & Z	VH	W	X	YY
182	21.5 (546)	48 (1219)	19.5 (495)	36 (914)	18 (457)	4 (102)	1 (25)	6 (152)	3.25 (83)	30.75 (781)	46 (1168)	21.25 (540)	27 (686)	31 (787)	9 (229)	9.6 (244)	17.5 (444)	14 (356)	14 (356)
184	21.5 (546)	48 (1219)	19.5 (495)	36 (914)	18 (457)	4 (102)	1 (25)	6 (152)	3.25 (83)	30.75 (781)	47 (1194)	21.25 (540)	27 (686)	31 (787)	9 (229)	9.6 (244)	17.5 (444)	14 (356)	14 (356)
213	21.5 (546)	48 (1219)	19.5 (495)	36 (914)	18 (457)	4 (102)	1 (25)	6 (152)	3.25 (83)	30.75 (781)	49 (1245)	21.25 (540)	27 (686)	31 (787)	9 (229)	9.6 (244)	17.5 (444)	14 (356)	14 (356)
215	21.5 (546)	48 (1219)	19.5 (495)	36 (914)	18 (457)	4 (102)	1 (25)	6 (152)	3.25 (83)	30.75 (781)	51 (1295)	21.25 (540)	27 (686)	31 (787)	9 (229)	9.6 (244)	17.5 (444)	14 (356)	14 (356)
254	21.5 (546)	54 (1372)	19.5 (495)	42 (1067)	21 (533)	4 (102)	1 (25)	6 (152)	3.25 (83)	30.75 (781)	53 (1346)	21.25 (540)	28 (711)	31 (787)	9 (229)	9.6 (244)	17.5 (444)	14 (356)	14 (356)
256	21.5 (546)	54 (1372)	19.5 (495)	42 (1067)	21 (533)	4 (102)	1 (25)	6 (152)	3.25 (83)	30.75 (781)	55 (1397)	21.25 (540)	28 (711)	31 (787)	9 (229)	9.6 (244)	17.5 (444)	14 (356)	14 (356)
284	21.5 (546)	54 (1372)	19.5 (495)	42 (1067)	21 (533)	4 (102)	1 (25)	6 (152)	3.25 (83)	30.75 (781)	56 (1422)	21.25 (540)	29 (737)	31 (787)	9 (229)	9.6 (244)	17.5 (444)	14 (356)	14 (356)
286	21.5 (546)	54 (1372)	19.5 (495)	42 (1067)	21 (533)	4 (102)	1 (25)	6 (152)	3.25 (83)	30.75 (781)	58 (1473)	21.25 (540)	29 (737)	31 (787)	9 (229)	9.6 (244)	17.5 (444)	14 (356)	14 (356)
324	21.5 (546)	54 (1372)	19.5 (495)	42 (1067)	21 (533)	4 (102)	1 (25)	6 (152)	3.25 (83)	30.75 (781)	59 (1499)	21.25 (540)	30 (762)	31 (787)	9 (229)	9.6 (244)	17.5 (444)	14 (356)	14 (356)
326	21.5 (546)	54 (1372)	19.5 (495)	42 (1067)	21 (533)	4 (102)	1 (25)	6 (152)	3.25 (83)	30.75 (781)	61 (1549)	21.25 (540)	30 (762)	31 (787)	9 (229)	9.6 (244)	17.5 (444)	14 (356)	14 (356)
364	21.5 (546)	60 (1524)	19.5 (495)	48 (1219)	24 (610)	4 (102)	1 (25)	6 (152)	3.25 (83)	30.75 (781)	63 (1600)	21.25 (540)	31 (787)	31 (787)	9 (229)	9.6 (244)	17.5 (444)	14 (356)	14 (356)
365	21.5 (546)	60 (1524)	19.5 (495)	48 (1219)	24 (610)	4 (102)	1 (25)	6 (152)	3.25 (83)	30.75 (781)	64 (1626)	21.25 (540)	31 (787)	31 (787)	9 (229)	9.6 (244)	17.5 (444)	14 (356)	14 (356)

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

SUBMITTAL**AC-543.16A**

JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NO.

DATE:

ENGINEER:

SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:



8X6X12XL

Series A-C 8100

Base Mounted - Double Suction Centrifugal Pumps

SPECIFICATIONS

FLOW _____ HEAD _____

HP _____ RPM _____

VOLTS _____

CYCLE _____ PHASE _____

ENCLOSURE _____

APPROX. WEIGHT _____

SPECIALS _____

MATERIALS OF CONSTRUCTION

- ☒ Cast Iron Bronze Fitted
- ☒ Fabricated Heavy Duty Baseplate
- ☒ ANSI/OSHA Coupling Guard
- ☒ Flexible Coupling
- ☐ Spacer Coupling (Optional)
- ☐ Galvanized Drip Pan (Optional)

TYPE OF SEAL

☐ **STANDARD:** 175 PSIG (12 Bar) working pressure, 125# ANSI Flange Configuration

☐ **STANDARD:** Crane Type 21, BUNA/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).

☐ **OPTIONAL:** Crane Type 21, EPB/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -20° to 250°F (-29 °C to 121 °C).

☐ **OPTIONAL:** Crane Type 21, EPB/Carbon Tungsten Carbide, 75 psig (5 Bar) maximum suction pressure, from -20° to 250°F (-29 °C to 121 °C).

☐ **OPTIONAL:** 280 PSIG (19 Bar) working pressure, 250# ANSI Flange Configuration

☐ **STANDARD:** Crane Type 1, BUNA/Carbon-Ceramic, 150 psig (10 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).

☐ **OPTIONAL:** 400 PSIG (27 Bar) working pressure, 250# ANSI Flange Configuration

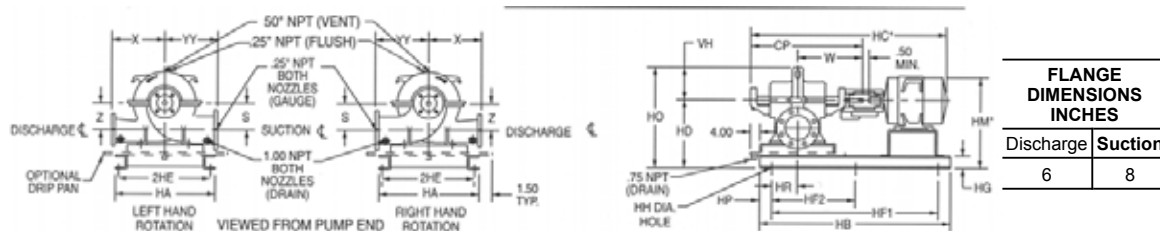
☐ **STANDARD:** Crane Type 1B, BUNA/Carbon-Ceramic, 300 psig (20 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).

☐ **OTHER:**

SERIES A-C 8100

A-C 8100 8X6X12XL Centrifugal Pump Submittal

AC-543.16A



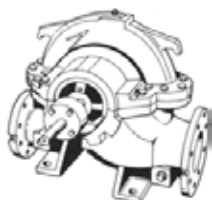
DIMENSIONS - Inches (mm)

MOTOR FRAME	HA	HB	2HE	HF ₁	HF ₂	HG	HH	HP	HR	CP	HC*	HD	HM*	HO	S & Z	VH	W	X	YY
182	21.5 (546)	48 (1219)	19.5 (495)	36 (914)	18 (457)	4 (102)	1 (25)	6 (152)	3.25 (83)	30.75 (781)	46 (1168)	21.25 (540)	27 (686)	31 (787)	9 (229)	9.6 (244)	17.5 (444)	14 (356)	14 (356)
184	21.5 (546)	48 (1219)	19.5 (495)	36 (914)	18 (457)	4 (102)	1 (25)	6 (152)	3.25 (83)	30.75 (781)	47 (1194)	21.25 (540)	27 (686)	31 (787)	9 (229)	9.6 (244)	17.5 (444)	14 (356)	14 (356)
213	21.5 (546)	48 (1219)	19.5 (495)	36 (914)	18 (457)	4 (102)	1 (25)	6 (152)	3.25 (83)	30.75 (781)	49 (1245)	21.25 (540)	27 (686)	31 (787)	9 (229)	9.6 (244)	17.5 (444)	14 (356)	14 (356)
215	21.5 (546)	48 (1219)	19.5 (495)	36 (914)	18 (457)	4 (102)	1 (25)	6 (152)	3.25 (83)	30.75 (781)	51 (1295)	21.25 (540)	27 (686)	31 (787)	9 (229)	9.6 (244)	17.5 (444)	14 (356)	14 (356)
254	21.5 (546)	54 (1372)	19.5 (495)	42 (1067)	21 (533)	4 (102)	1 (25)	6 (152)	3.25 (83)	30.75 (781)	53 (1346)	21.25 (540)	28 (711)	31 (787)	9 (229)	9.6 (244)	17.5 (444)	14 (356)	14 (356)
256	21.5 (546)	54 (1372)	19.5 (495)	42 (1067)	21 (533)	4 (102)	1 (25)	6 (152)	3.25 (83)	30.75 (781)	55 (1397)	21.25 (540)	28 (711)	31 (787)	9 (229)	9.6 (244)	17.5 (444)	14 (356)	14 (356)
284	21.5 (546)	54 (1372)	19.5 (495)	42 (1067)	21 (533)	4 (102)	1 (25)	6 (152)	3.25 (83)	30.75 (781)	56 (1422)	21.25 (540)	29 (737)	31 (787)	9 (229)	9.6 (244)	17.5 (444)	14 (356)	14 (356)
286	21.5 (546)	54 (1372)	19.5 (495)	42 (1067)	21 (533)	4 (102)	1 (25)	6 (152)	3.25 (83)	30.75 (781)	58 (1473)	21.25 (540)	29 (737)	31 (787)	9 (229)	9.6 (244)	17.5 (444)	14 (356)	14 (356)
324	21.5 (546)	54 (1372)	19.5 (495)	42 (1067)	21 (533)	4 (102)	1 (25)	6 (152)	3.25 (83)	30.75 (781)	59 (1499)	21.25 (540)	30 (762)	31 (787)	9 (229)	9.6 (244)	17.5 (444)	14 (356)	14 (356)
326	21.5 (546)	54 (1372)	19.5 (495)	42 (1067)	21 (533)	4 (102)	1 (25)	6 (152)	3.25 (83)	30.75 (781)	61 (1549)	21.25 (540)	30 (762)	31 (787)	9 (229)	9.6 (244)	17.5 (444)	14 (356)	14 (356)
364	21.5 (546)	60 (1524)	19.5 (495)	48 (1219)	24 (610)	4 (102)	1 (25)	6 (152)	3.25 (83)	30.75 (781)	63 (1600)	21.25 (540)	31 (787)	31 (787)	9 (229)	9.6 (244)	17.5 (444)	14 (356)	14 (356)
365	21.5 (546)	60 (1524)	19.5 (495)	48 (1219)	24 (610)	4 (102)	1 (25)	6 (152)	3.25 (83)	30.75 (781)	64 (1626)	21.25 (540)	31 (787)	31 (787)	9 (229)	9.6 (244)	17.5 (444)	14 (356)	14 (356)

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

SUBMITTAL**AC-543.17A**

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



8X6X13

Series A-C 8100

Base Mounted - Double Suction Centrifugal Pumps

SPECIFICATIONS

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

MATERIALS OF CONSTRUCTION

- ☒ Cast Iron Bronze Fitted
☒ Fabricated Heavy Duty Baseplate
☒ ANSI/OSHA Coupling Guard
☒ Flexible Coupling
☐ Spacer Coupling (Optional)
☐ Galvanized Drip Pan (Optional)

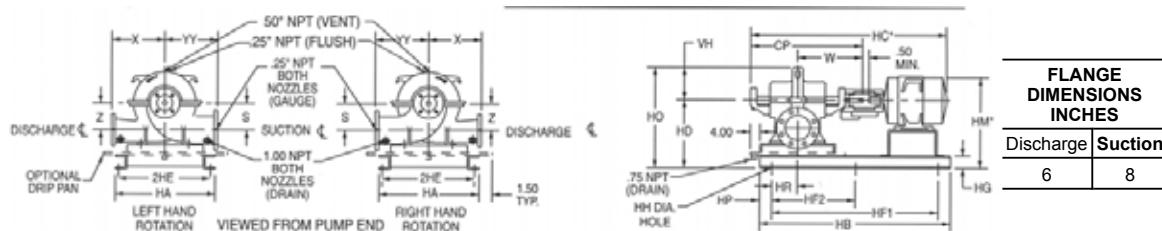
TYPE OF SEAL

- ☐ **STANDARD:** 175 PSIG (12 Bar) working pressure, 125# ANSI Flange Configuration
☐ **STANDARD:** Crane Type 21, BUNA/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).
☐ **OPTIONAL:** Crane Type 21, EPR/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -20° to 250°F (-29 °C to 121 °C).
☐ **OPTIONAL:** Crane Type 21, EPR/Carbon Tungsten Carbide, 75 psig (5 Bar) maximum suction pressure, from -20° to 250°F (-29 °C to 121 °C).
☐ **OPTIONAL:** 280 PSIG (19 Bar) working pressure, 250# ANSI Flange Configuration
☐ **STANDARD:** Crane Type 1, BUNA/Carbon-Ceramic, 150 psig (10 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).
☐ **OPTIONAL:** 400 PSIG (27 Bar) working pressure, 250# ANSI Flange Configuration
☐ **STANDARD:** Crane Type 1B, BUNA/Carbon-Ceramic, 300 psig (20 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).
☐ **OTHER:**

SERIES A-C 8100

A-C 8100 8X6X13 Centrifugal Pump Submittal

AC-543.17A



DIMENSIONS - Inches (mm)

MOTOR FRAME	HA	HB	2HE	HF ₁	HF ₂	HG	HH	HP	HR	CP	HC*	HD	HM*	HO	S & Z	VH	W	X	YY
254	24 (610)	62 (1575)	22 (559)	50 (1270)	25 (635)	4 (102)	1 (25)	6 (152)	5.63 (143)	36.87 (936)	59 (1499)	20 (508)	27 (686)	29.4 (747)	8 (203)	9.4 (239)	21.25 (540)	13 (330)	15.5 (394)
256	24 (610)	62 (1575)	22 (559)	50 (1270)	25 (635)	4 (102)	1 (25)	6 (152)	5.63 (143)	36.87 (936)	61 (1549)	20 (508)	27 (686)	29.4 (747)	8 (203)	9.4 (239)	21.25 (540)	13 (330)	15.5 (394)
284	24 (610)	62 (1575)	22 (559)	50 (1270)	25 (635)	4 (102)	1 (25)	6 (152)	5.63 (143)	36.87 (936)	62 (1575)	20 (508)	28 (711)	29.4 (747)	8 (203)	9.4 (239)	21.25 (540)	13 (330)	15.5 (394)
286	24 (610)	62 (1575)	22 (559)	50 (1270)	25 (635)	4 (102)	1 (25)	6 (152)	5.63 (143)	36.87 (936)	64 (1626)	20 (508)	28 (711)	29.4 (747)	8 (203)	9.4 (239)	21.25 (540)	13 (330)	15.5 (394)
324	24 (610)	62 (1575)	22 (559)	50 (1270)	25 (635)	4 (102)	1 (25)	6 (152)	5.63 (143)	36.87 (936)	66 (1676)	20 (508)	29 (737)	29.4 (747)	8 (203)	9.4 (239)	21.25 (540)	13 (330)	15.5 (394)
326	24 (610)	62 (1575)	22 (559)	50 (1270)	25 (635)	4 (102)	1 (25)	6 (152)	5.63 (143)	36.87 (936)	67 (1702)	20 (508)	29 (737)	29.4 (747)	8 (203)	9.4 (239)	21.25 (540)	13 (330)	15.5 (394)
364	24 (610)	68 (1727)	22 (559)	56 (1422)	28 (711)	4 (102)	1 (25)	6 (152)	5.63 (143)	36.87 (936)	69 (1753)	20 (508)	29 (737)	29.4 (747)	8 (203)	9.4 (239)	21.25 (540)	13 (330)	15.5 (394)
365	24 (610)	68 (1727)	22 (559)	56 (1422)	28 (711)	4 (102)	1 (25)	6 (152)	5.63 (143)	36.87 (936)	70 (1778)	20 (508)	29 (737)	29.4 (747)	8 (203)	9.4 (239)	21.25 (540)	13 (330)	15.5 (394)
404	24 (610)	68 (1727)	22 (559)	56 (1422)	28 (711)	4 (102)	1 (25)	6 (152)	5.63 (143)	36.87 (936)	74 (1880)	20 (508)	30 (762)	29.4 (747)	8 (203)	9.4 (239)	21.25 (540)	13 (330)	15.5 (394)
405	24 (610)	68 (1727)	22 (559)	56 (1422)	28 (711)	4 (102)	1 (25)	6 (152)	5.63 (143)	36.87 (936)	76 (1931)	20 (508)	30 (762)	29.4 (747)	8 (203)	9.4 (239)	21.25 (540)	13 (330)	15.5 (394)

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

SUBMITTAL**AC-543.18A**

JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NO.

DATE:

ENGINEER:

SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:



8x6x17M

Series A-C 8100

Base Mounted - Double Suction Centrifugal Pumps

SPECIFICATIONS

FLOW _____ HEAD _____

HP _____ RPM _____

VOLTS _____

CYCLE _____ PHASE _____

ENCLOSURE _____

APPROX. WEIGHT _____

SPECIALS _____

MATERIALS OF CONSTRUCTION

- ☒ Cast Iron Bronze Fitted
- ☒ Fabricated Heavy Duty Baseplate
- ☒ ANSI/OSHA Coupling Guard
- ☒ Flexible Coupling
- ☐ Spacer Coupling (Optional)
- ☐ Galvanized Drip Pan (Optional)

TYPE OF SEAL

☐ **STANDARD:** 175 PSIG (12 Bar) working pressure, 125# ANSI Flange Configuration

☐ **STANDARD:** Crane Type 21, BUNA/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).

☐ **OPTIONAL:** Crane Type 21, EPB/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -20° to 250°F (-29 °C to 121 °C).

☐ **OPTIONAL:** Crane Type 21, EPB/Carbon Tungsten Carbide, 75 psig (5 Bar) maximum suction pressure, from -20° to 250°F (-29 °C to 121 °C).

☐ **OPTIONAL:** 280 PSIG (19 Bar) working pressure, 250# ANSI Flange Configuration

☐ **STANDARD:** Crane Type 1, BUNA/Carbon-Ceramic, 150 psig (10 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).

☐ **OPTIONAL:** 400 PSIG (27 Bar) working pressure, 250# ANSI Flange Configuration

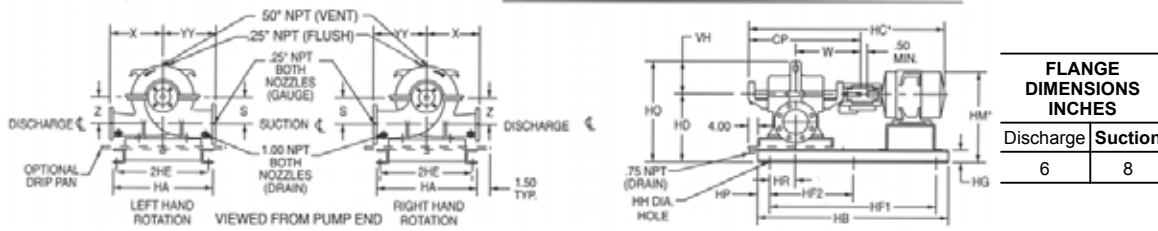
☐ **STANDARD:** Crane Type 1B, BUNA/Carbon-Ceramic, 300 psig (20 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).

☐ **OTHER:**

SERIES A-C 8100

A-C 8100 8x6x17M Centrifugal Pump Submittal

AC-543.18A



DIMENSIONS - Inches (mm)

MOTOR FRAME	HA	HB	2HE	HF ₁	HF ₂	HG	HH	HP	HR	CP	HC*	HD	HM*	HO	S & Z	VH	W	X	YY
284	24 (610)	62 (1575)	22 (559)	50 (1270)	25 (635)	4 (102)	1 (25)	6 (152)	5.63 (143)	36.87 (936)	62 (1575)	21.25 (540)	28 (711)	33 (838)	9 (229)	11.75 (298)	21.25 (540)	14 (356)	16 (406)
286	24 (610)	62 (1575)	22 (559)	50 (1270)	25 (635)	4 (102)	1 (25)	6 (152)	5.63 (143)	36.87 (936)	64 (1626)	21.25 (540)	28 (711)	33 (838)	9 (229)	11.75 (298)	21.25 (540)	14 (356)	16 (406)
324	24 (610)	62 (1575)	22 (559)	50 (1270)	25 (635)	4 (102)	1 (25)	6 (152)	5.63 (143)	36.87 (936)	66 (1676)	21.25 (540)	29 (737)	33 (838)	9 (229)	11.75 (298)	21.25 (540)	14 (356)	16 (406)
326	24 (610)	62 (1575)	22 (559)	50 (1270)	25 (635)	4 (102)	1 (25)	6 (152)	5.63 (143)	36.87 (936)	67 (1702)	21.25 (540)	29 (737)	33 (838)	9 (229)	11.75 (298)	21.25 (540)	14 (356)	16 (406)
364	24 (610)	68 (1727)	22 (559)	56 (1422)	28 (711)	4 (102)	1 (25)	6 (152)	5.63 (143)	36.87 (936)	69 (1753)	21.25 (540)	29 (737)	33 (838)	9 (229)	11.75 (298)	21.25 (540)	14 (356)	16 (406)
365	24 (610)	68 (1727)	22 (559)	56 (1422)	28 (711)	4 (102)	1 (25)	6 (152)	5.63 (143)	36.87 (936)	70 (1778)	21.25 (540)	29 (737)	33 (838)	9 (229)	11.75 (298)	21.25 (540)	14 (356)	16 (406)
404	24 (610)	68 (1727)	22 (559)	56 (1422)	28 (711)	4 (102)	1 (25)	6 (152)	5.63 (143)	36.87 (936)	74 (1880)	21.25 (540)	30 (762)	33 (838)	9 (229)	11.75 (298)	21.25 (540)	14 (356)	16 (406)
405	24 (610)	68 (1727)	22 (559)	56 (1422)	28 (711)	4 (102)	1 (25)	6 (152)	5.63 (143)	36.87 (936)	76 (1930)	21.25 (540)	30 (762)	33 (838)	9 (229)	11.75 (298)	21.25 (540)	14 (356)	16 (406)
444	24 (610)	76 (1930)	22 (559)	64 (1626)	32 (813)	6 (152)	1 (25)	6 (152)	5.63 (143)	36.87 (936)	80 (2032)	21.25 (540)	33 (838)	33 (838)	9 (229)	11.75 (298)	21.25 (540)	14 (356)	16 (406)
445	24 (610)	76 (1930)	22 (559)	64 (1626)	32 (813)	6 (152)	1 (25)	6 (152)	5.63 (143)	36.87 (936)	82 (2083)	21.25 (540)	33 (838)	33 (838)	9 (229)	11.75 (298)	21.25 (540)	14 (356)	16 (406)

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

SUBMITTAL**AC-543.19A**

JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NO.

DATE:

ENGINEER:

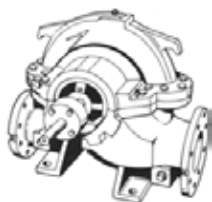
SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:



8x6x17L Series A-C 8100

Base Mounted - Double Suction Centrifugal Pumps

SPECIFICATIONS

FLOW _____ HEAD _____

HP _____ RPM _____

VOLTS _____

CYCLE _____ PHASE _____

ENCLOSURE _____

APPROX. WEIGHT _____

SPECIALS _____

MATERIALS OF CONSTRUCTION

- ☒ Cast Iron Bronze Fitted
- ☒ Fabricated Heavy Duty Baseplate
- ☒ ANSI/OSHA Coupling Guard
- ☒ Flexible Coupling
- ☐ Spacer Coupling (Optional)
- ☐ Galvanized Drip Pan (Optional)

TYPE OF SEAL

☐ **STANDARD:** 175 PSIG (12 Bar) working pressure, 125# ANSI Flange Configuration

☐ **STANDARD:** Crane Type 21, BUNA/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).

☐ **OPTIONAL:** Crane Type 21, EPR/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -20° to 250°F (-29 °C to 121 °C).

☐ **OPTIONAL:** Crane Type 21, EPR/Carbon Tungsten Carbide, 75 psig (5 Bar) maximum suction pressure, from -20° to 250°F (-29 °C to 121 °C).

☐ **OPTIONAL:** 280 PSIG (19 Bar) working pressure, 250# ANSI Flange Configuration

☐ **STANDARD:** Crane Type 1, BUNA/Carbon-Ceramic, 150 psig (10 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).

☐ **OPTIONAL:** 400 PSIG (27 Bar) working pressure, 250# ANSI Flange Configuration

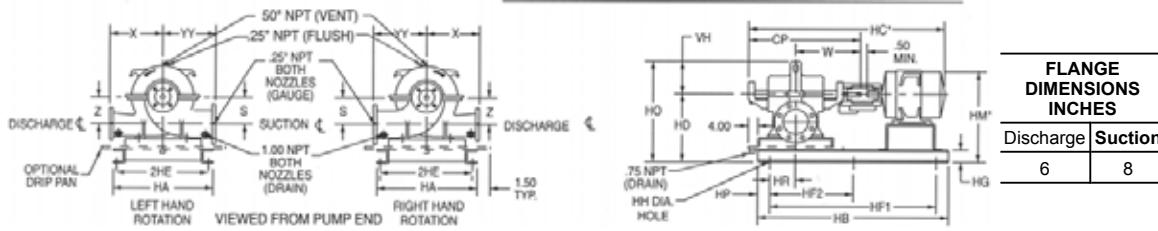
☐ **STANDARD:** Crane Type 1B, BUNA/Carbon-Ceramic, 300 psig (20 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).

☐ **OTHER:**

SERIES A-C 8100

A-C 8100 8x6x17L Centrifugal Pump Submittal

AC-543.19A



DIMENSIONS - Inches (mm)

MOTOR FRAME	HA	HB	2HE	HF ₁	HF ₂	HG	HH	HP	HR	CP	HC*	HD	HM*	HO	S & Z	VH	W	X	YY
284	24 (610)	62 (1575)	22 (559)	50 (1270)	25 (635)	4 (102)	1 (25)	6 (152)	5.63 (143)	36.87 (936)	62 (1575)	21.25 (540)	28 (711)	33 (838)	9 (229)	11.75 (298)	21.25 (540)	14 (356)	16 (406)
286	24 (610)	62 (1575)	22 (559)	50 (1270)	25 (635)	4 (102)	1 (25)	6 (152)	5.63 (143)	36.87 (936)	64 (1626)	21.25 (540)	28 (711)	33 (838)	9 (229)	11.75 (298)	21.25 (540)	14 (356)	16 (406)
324	24 (610)	62 (1575)	22 (559)	50 (1270)	25 (635)	4 (102)	1 (25)	6 (152)	5.63 (143)	36.87 (936)	66 (1676)	21.25 (540)	29 (737)	33 (838)	9 (229)	11.75 (298)	21.25 (540)	14 (356)	16 (406)
326	24 (610)	62 (1575)	22 (559)	50 (1270)	25 (635)	4 (102)	1 (25)	6 (152)	5.63 (143)	36.87 (936)	67 (1702)	21.25 (540)	29 (737)	33 (838)	9 (229)	11.75 (298)	21.25 (540)	14 (356)	16 (406)
364	24 (610)	68 (1727)	22 (559)	56 (1422)	28 (711)	4 (102)	1 (25)	6 (152)	5.63 (143)	36.87 (936)	69 (1753)	21.25 (540)	29 (737)	33 (838)	9 (229)	11.75 (298)	21.25 (540)	14 (356)	16 (406)
365	24 (610)	68 (1727)	22 (559)	56 (1422)	28 (711)	4 (102)	1 (25)	6 (152)	5.63 (143)	36.87 (936)	70 (1778)	21.25 (540)	29 (737)	33 (838)	9 (229)	11.75 (298)	21.25 (540)	14 (356)	16 (406)
404	24 (610)	68 (1727)	22 (559)	56 (1422)	28 (711)	4 (102)	1 (25)	6 (152)	5.63 (143)	36.87 (936)	74 (1880)	21.25 (540)	30 (762)	33 (838)	9 (229)	11.75 (298)	21.25 (540)	14 (356)	16 (406)
405	24 (610)	68 (1727)	22 (559)	56 (1422)	28 (711)	4 (102)	1 (25)	6 (152)	5.63 (143)	36.87 (936)	76 (1930)	21.25 (540)	30 (762)	33 (838)	9 (229)	11.75 (298)	21.25 (540)	14 (356)	16 (406)
444	24 (610)	76 (1930)	22 (559)	64 (1626)	32 (813)	6 (152)	1 (25)	6 (152)	5.63 (143)	36.87 (936)	80 (2032)	21.25 (540)	33 (838)	33 (838)	9 (229)	11.75 (298)	21.25 (540)	14 (356)	16 (406)
445	24 (610)	76 (1930)	22 (559)	64 (1626)	32 (813)	6 (152)	1 (25)	6 (152)	5.63 (143)	36.87 (936)	82 (2083)	21.25 (540)	33 (838)	33 (838)	9 (229)	11.75 (298)	21.25 (540)	14 (356)	16 (406)

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

SUBMITTAL**AC-543.20A**

JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NO.

DATE:

ENGINEER:

SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:



8X8X12

Series A-C 8100

Base Mounted - Double Suction Centrifugal Pumps

SPECIFICATIONS

FLOW _____ HEAD _____

HP _____ RPM _____

VOLTS _____

CYCLE _____ PHASE _____

ENCLOSURE _____

APPROX. WEIGHT _____

SPECIALS _____

MATERIALS OF CONSTRUCTION

- ☒ Cast Iron Bronze Fitted
- ☒ Fabricated Heavy Duty Baseplate
- ☒ ANSI/OSHA Coupling Guard
- ☒ Flexible Coupling
- ☐ Spacer Coupling (Optional)
- ☐ Galvanized Drip Pan (Optional)

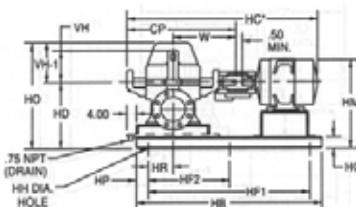
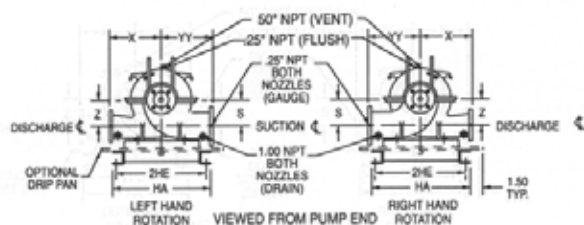
TYPE OF SEAL

- ☐ **STANDARD:** 175 PSIG (12 Bar) working pressure, 125# ANSI Flange Configuration
- ☐ **STANDARD:** Crane Type 21, BUNA/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).
- ☐ **OPTIONAL:** Crane Type 21, EPR/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -20° to 250°F (-29 °C to 121 °C).
- ☐ **OPTIONAL:** Crane Type 21, EPR/Carbon Tungsten Carbide, 75 psig (5 Bar) maximum suction pressure, from -20° to 250°F (-29 °C to 121 °C).
- ☐ **OPTIONAL:** 280 PSIG (19 Bar) working pressure, 250# ANSI Flange Configuration
- ☐ **STANDARD:** Crane Type 1, BUNA/Carbon-Ceramic, 150 psig (10 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).
- ☐ **OPTIONAL:** 400 PSIG (27 Bar) working pressure, 250# ANSI Flange Configuration
- ☐ **STANDARD:** Crane Type 1B, BUNA/Carbon-Ceramic, 300 psig (20 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).
- ☐ **OTHER:**

SERIES A-C 8100

A-C 8100 8X8X12 Centrifugal Pump Submittal

AC-543.20A



FLANGE DIMENSIONS INCHES	
Discharge	Suction
8	8

VH1: 11.75(299)

DIMENSIONS - Inches (mm)

MOTOR FRAME	HA	HB	2HE	HF ₁	HF ₂	HG	HH	HP	HR	CP	HC*	HD	HM*	HO	S & Z	VH	W	X	YY
254	24 (610)	62 (1575)	22 (559)	50 (1270)	25 (635)	4 (102)	1 (25)	6 (152)	5.63 (143)	36.87 (936)	59 (1499)	20 (508)	27 (686)	31.75 (806)	8 (203)	10.25 (260)	21.25 (540)	14 (356)	16.5 (419)
256	24 (610)	62 (1575)	22 (559)	50 (1270)	25 (635)	4 (102)	1 (25)	6 (152)	5.63 (143)	36.87 (936)	61 (1549)	20 (508)	27 (686)	31.75 (806)	8 (203)	10.25 (260)	21.25 (540)	14 (356)	16.5 (419)
284	24 (610)	62 (1575)	22 (559)	50 (1270)	25 (635)	4 (102)	1 (25)	6 (152)	5.63 (143)	36.87 (936)	62 (1575)	20 (508)	28 (711)	31.75 (806)	8 (203)	10.25 (260)	21.25 (540)	14 (356)	16.5 (419)
286	24 (610)	62 (1575)	22 (559)	50 (1270)	25 (635)	4 (102)	1 (25)	6 (152)	5.63 (143)	36.87 (936)	64 (1626)	20 (508)	28 (711)	31.75 (806)	8 (203)	10.25 (260)	21.25 (540)	14 (356)	16.5 (419)
324	24 (610)	62 (1575)	22 (559)	50 (1270)	25 (635)	4 (102)	1 (25)	6 (152)	5.63 (143)	36.87 (936)	66 (1676)	20 (508)	29 (737)	31.75 (806)	8 (203)	10.25 (260)	21.25 (540)	14 (356)	16.5 (419)
326	24 (610)	62 (1575)	22 (559)	50 (1270)	25 (635)	4 (102)	1 (25)	6 (152)	5.63 (143)	36.87 (936)	67 (1702)	20 (508)	29 (737)	31.75 (806)	8 (203)	10.25 (260)	21.25 (540)	14 (356)	16.5 (419)
364	24 (610)	68 (1727)	22 (559)	56 (1422)	28 (711)	4 (102)	1 (25)	6 (152)	5.63 (143)	36.87 (936)	69 (1753)	20 (508)	29 (737)	31.75 (806)	8 (203)	10.25 (260)	21.25 (540)	14 (356)	16.5 (419)
365	24 (610)	68 (1727)	22 (559)	56 (1422)	28 (711)	4 (102)	1 (25)	6 (152)	5.63 (143)	36.87 (936)	70 (1778)	20 (508)	29 (737)	31.75 (806)	8 (203)	10.25 (260)	21.25 (540)	14 (356)	16.5 (419)
404	24 (610)	68 (1727)	22 (559)	56 (1422)	28 (711)	4 (102)	1 (25)	6 (152)	5.63 (143)	36.87 (936)	74 (1880)	20 (508)	30 (762)	31.75 (806)	8 (203)	10.25 (260)	21.25 (540)	14 (356)	16.5 (419)
405	24 (610)	68 (1727)	22 (559)	56 (1422)	28 (711)	4 (102)	1 (25)	6 (152)	5.63 (143)	36.87 (936)	76 (1930)	20 (508)	30 (762)	31.75 (806)	8 (203)	10.25 (260)	21.25 (540)	14 (356)	16.5 (419)

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

SERIES A-C 8100

SUBMITTAL**AC-543.21B**

JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NO.

DATE:

ENGINEER:

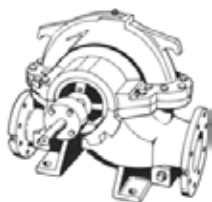
SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:



8X8X17

Series A-C 8100

Base Mounted - Double Suction Centrifugal Pumps

SPECIFICATIONS

FLOW _____ HEAD _____

HP _____ RPM _____

VOLTS _____

CYCLE _____ PHASE _____

ENCLOSURE _____

APPROX. WEIGHT _____

SPECIALS _____

MATERIALS OF CONSTRUCTION

- ☒ Cast Iron Bronze Fitted
☒ Fabricated Heavy Duty Baseplate
☒ ANSI/OSHA Coupling Guard
☒ Flexible Coupling
☐ Spacer Coupling (Optional)
☐ Galvanized Drip Pan (Optional)

TYPE OF SEAL

☐ **STANDARD:** 175 PSIG (12 Bar) working pressure, 125# ANSI Flange Configuration

☐ **STANDARD:** Crane Type 21, BUNA/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).

☐ **OPTIONAL:** Crane Type 21, EPR/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -20° to 250°F (-29 °C to 121 °C).

☐ **OPTIONAL:** Crane Type 21, EPR/Carbon Tungsten Carbide, 75 psig (5 Bar) maximum suction pressure, from -20° to 250°F (-29 °C to 121 °C).

☐ **OPTIONAL:** 280 PSIG (19 Bar) working pressure, 250# ANSI Flange Configuration

☐ **STANDARD:** Crane Type 1, BUNA/Carbon-Ceramic, 150 psig (10 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).

☐ **OPTIONAL:** 400 PSIG (27 Bar) working pressure, 250# ANSI Flange Configuration

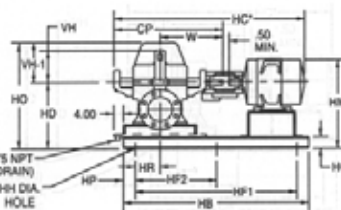
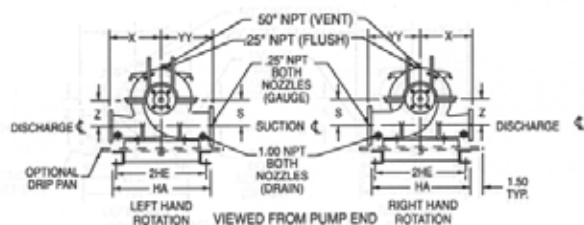
☐ **STANDARD:** Crane Type 1B, BUNA/Carbon-Ceramic, 300 psig (20 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).

☐ **OTHER:**

SERIES A-C 8100

A-C 8100 8X8X17 Centrifugal Pump Submittal

AC-543.21B



FLANGE DIMENSIONS INCHES	
Discharge	Suction
8	8

VH1: 13.5(343)

HQ: HOLES PER SIDE

DIMENSIONS - Inches (mm)

MOTOR FRAME	HA	HB	2HE	HF ₁	HF ₂	HG	HH	HP	HR	CP	HC*	HD	HM*	HO	HQ	S & Z	VH	W	X	YY
324	24 (610)	66 (1676)	22 (559)	54 (1372)	27 (686)	4 (102)	1 (25)	6 (152)	7 (178)	39.56 (1005)	68 (1727)	21.75 (552)	30 (762)	33.25 (845)	3	9.5 (241)	12 (305)	22.56 (573)	15 (381)	16.5 (419)
326	24 (610)	66 (1676)	22 (559)	54 (1372)	27 (686)	4 (102)	1 (25)	6 (152)	7 (178)	39.56 (1005)	70 (1778)	21.75 (552)	30 (762)	33.25 (845)	3	9.5 (241)	12 (305)	22.56 (573)	15 (381)	16.5 (419)
364	24 (610)	66 (1676)	22 (559)	54 (1372)	27 (686)	4 (102)	1 (25)	6 (152)	7 (178)	39.56 (1005)	71 (1803)	21.75 (552)	31 (787)	33.25 (845)	3	9.5 (241)	12 (305)	22.56 (573)	15 (381)	16.5 (419)
365	24 (610)	66 (1676)	22 (559)	54 (1372)	27 (686)	4 (102)	1 (25)	6 (152)	7 (178)	39.56 (1005)	72 (1829)	21.75 (552)	31 (787)	33.25 (845)	3	9.5 (241)	12 (305)	22.56 (573)	15 (381)	16.5 (419)
404	29.4 (747)	76 (1930)	27.5 (699)	66 (1676)	16.5 (419)	6 (152)	0.88 (22)	5 (127)	8 (203)	39.56 (1005)	77 (1956)	23.75 (603)	33 (838)	37.25 (946)	5	9.5 (241)	12 (305)	22.56 (573)	15 (381)	16.5 (419)
405	29.4 (747)	76 (1930)	27.5 (699)	66 (1676)	16.5 (419)	6 (152)	0.88 (22)	5 (127)	8 (203)	39.56 (1005)	78 (1981)	23.75 (603)	33 (838)	37.25 (946)	5	9.5 (241)	12 (305)	22.56 (573)	15 (381)	16.5 (419)
444	29.4 (747)	76 (1930)	27.5 (699)	66 (1676)	16.5 (419)	6 (152)	0.88 (22)	5 (127)	8 (203)	39.56 (1005)	83 (2108)	23.75 (603)	34 (864)	37.25 (946)	5	9.5 (241)	12 (305)	22.56 (573)	15 (381)	16.5 (419)
445	29.4 (747)	76 (1930)	27.5 (699)	66 (1676)	16.5 (419)	6 (152)	0.88 (22)	5 (127)	8 (203)	39.56 (1005)	85 (2159)	23.75 (603)	34 (864)	37.25 (946)	5	9.5 (241)	12 (305)	22.56 (573)	15 (381)	16.5 (419)
447	29.4 (747)	76 (1930)	27.5 (699)	66 (1676)	16.5 (419)	6 (152)	0.88 (22)	5 (127)	8 (203)	39.56 (1005)	88 (2235)	23.75 (603)	36 (914)	37.25 (946)	5	9.5 (241)	12 (305)	22.56 (573)	15 (381)	16.5 (419)
449	29.4 (747)	76 (1930)	27.5 (699)	66 (1676)	16.5 (419)	6 (152)	0.88 (22)	5 (127)	8 (203)	39.56 (1005)	93 (2362)	23.75 (603)	36 (914)	37.25 (946)	5	9.5 (241)	12 (305)	22.56 (573)	15 (381)	16.5 (419)

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

SUBMITTAL**AC-543.22B**

JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NO.

DATE:

ENGINEER:

SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:



10x8x12S

Series A-C 8100

Base Mounted - Double Suction Centrifugal Pumps

SPECIFICATIONS

FLOW _____ HEAD _____

HP _____ RPM _____

VOLTS _____

CYCLE _____ PHASE _____

ENCLOSURE _____

APPROX. WEIGHT _____

SPECIALS _____

MATERIALS OF CONSTRUCTION

- ☒ Cast Iron Bronze Fitted
- ☒ Fabricated Heavy Duty Baseplate
- ☒ ANSI/OSHA Coupling Guard
- ☒ Flexible Coupling
- ☐ Spacer Coupling (Optional)
- ☐ Galvanized Drip Pan (Optional)

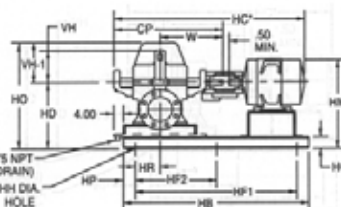
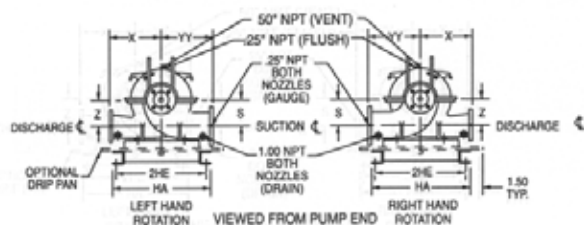
TYPE OF SEAL

- ☐ **STANDARD:** 175 PSIG (12 Bar) working pressure, 125# ANSI Flange Configuration
- ☐ **STANDARD:** Crane Type 21, BUNA/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).
- ☐ **OPTIONAL:** Crane Type 21, EPR/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -20° to 250°F (-29 °C to 121 °C).
- ☐ **OPTIONAL:** Crane Type 21, EPR/Carbon Tungsten Carbide, 75 psig (5 Bar) maximum suction pressure, from -20° to 250°F (-29 °C to 121 °C).
- ☐ **OPTIONAL:** 280 PSIG (19 Bar) working pressure, 250# ANSI Flange Configuration
- ☐ **STANDARD:** Crane Type 1, BUNA/Carbon-Ceramic, 150 psig (10 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).
- ☐ **OPTIONAL:** 400 PSIG (27 Bar) working pressure, 250# ANSI Flange Configuration
- ☐ **STANDARD:** Crane Type 1B, BUNA/Carbon-Ceramic, 300 psig (20 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).
- ☐ **OTHER:**

SERIES A-C 8100

A-C 8100 10x8x12S Centrifugal Pump Submittal

AC-543.22B



FLANGE DIMENSIONS INCHES	
Discharge	Suction
8	10

VH1: 12.00(305)

HQ: HOLES PER SIDE

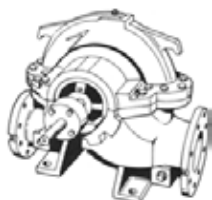
DIMENSIONS - Inches (mm)

MOTOR FRAME	HA	HB	2HE	HF ₁	HF ₂	HG	HH	HP	HR	CP	HC*	HD	HM*	HO	HQ	S & Z	VH	W	X	YY
254	24 (610)	62 (1575)	22 (559)	50 (1270)	25 (635)	4 (102)	1 (25)	6 (152)	7 (178)	39.56 (1005)	62 (1575)	21.5 (546)	29 (737)	33.5 (851)	3	8.5 (216)	10.5 (267)	22.56 (573)	14 (356)	17 (432)
256	24 (610)	62 (1575)	22 (559)	50 (1270)	25 (635)	4 (102)	1 (25)	6 (152)	7 (178)	39.56 (1005)	64 (1626)	21.5 (546)	29 (737)	33.5 (851)	3	8.5 (216)	10.5 (267)	22.56 (573)	14 (356)	17 (432)
284	24 (610)	62 (1575)	22 (559)	50 (1270)	25 (635)	4 (102)	1 (25)	6 (152)	7 (178)	39.56 (1005)	65 (1651)	21.5 (546)	29 (737)	33.5 (851)	3	8.5 (216)	10.5 (267)	22.56 (573)	14 (356)	17 (432)
286	24 (610)	62 (1575)	22 (559)	50 (1270)	25 (635)	4 (102)	1 (25)	6 (152)	7 (178)	39.56 (1005)	67 (1702)	21.5 (546)	29 (737)	33.5 (851)	3	8.5 (216)	10.5 (267)	22.56 (573)	14 (356)	17 (432)
324	24 (610)	66 (1676)	22 (559)	54 (1372)	27 (686)	4 (102)	1 (25)	6 (152)	7 (178)	39.56 (1005)	68 (1727)	21.5 (546)	30 (762)	33.5 (851)	3	8.5 (216)	10.5 (267)	22.56 (573)	14 (356)	17 (432)
326	24 (610)	66 (1676)	22 (559)	54 (1372)	27 (686)	4 (102)	1 (25)	6 (152)	7 (178)	39.56 (1005)	70 (1778)	21.5 (546)	30 (762)	33.5 (851)	3	8.5 (216)	10.5 (267)	22.56 (573)	14 (356)	17 (432)
364	24 (610)	66 (1676)	22 (559)	54 (1372)	27 (686)	4 (102)	1 (25)	6 (152)	7 (178)	39.56 (1005)	71 (1803)	21.5 (546)	31 (787)	33.5 (851)	3	8.5 (216)	10.5 (267)	22.56 (573)	14 (356)	17 (432)
365	24 (610)	66 (1676)	22 (559)	54 (1372)	27 (686)	4 (102)	1 (25)	6 (152)	7 (178)	39.56 (1005)	72 (1829)	21.5 (546)	31 (787)	33.5 (851)	3	8.5 (216)	10.5 (267)	22.56 (573)	14 (356)	17 (432)
404	29.4 (747)	76 (1930)	27.5 (699)	66 (1676)	16.5 (419)	6 (152)	0.88 (22)	5 (127)	8 (203)	39.56 (1005)	77 (1956)	23.5 (597)	34 (864)	35.5 (902)	5	8.5 (216)	10.5 (267)	22.56 (573)	14 (356)	17 (432)
405	29.4 (747)	76 (1930)	27.5 (699)	66 (1676)	16.5 (419)	6 (152)	0.88 (22)	5 (127)	8 (203)	39.56 (1005)	78 (1981)	23.5 (597)	34 (864)	35.5 (902)	5	8.5 (216)	10.5 (267)	22.56 (573)	14 (356)	17 (432)
444	29.4 (747)	76 (1930)	27.5 (699)	66 (1676)	16.5 (419)	6 (152)	0.88 (22)	5 (127)	8 (203)	39.56 (1005)	83 (2108)	23.5 (597)	35 (889)	35.5 (902)	5	8.5 (216)	10.5 (267)	22.56 (573)	14 (356)	17 (432)
445	29.4 (747)	76 (1930)	27.5 (699)	66 (1676)	16.5 (419)	6 (152)	0.88 (22)	5 (127)	8 (203)	39.56 (1005)	85 (2159)	23.5 (597)	35 (889)	35.5 (902)	5	8.5 (216)	10.5 (267)	22.56 (573)	14 (356)	17 (432)

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

SUBMITTAL**AC-543.23B**

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



10x8x12L

Series A-C 8100

Base Mounted - Double Suction Centrifugal Pumps

SPECIFICATIONS

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

MATERIALS OF CONSTRUCTION

- ☒ Cast Iron Bronze Fitted
- ☒ Fabricated Heavy Duty Baseplate
- ☒ ANSI/OSHA Coupling Guard
- ☒ Flexible Coupling
- ☐ Spacer Coupling (Optional)
- ☐ Galvanized Drip Pan (Optional)

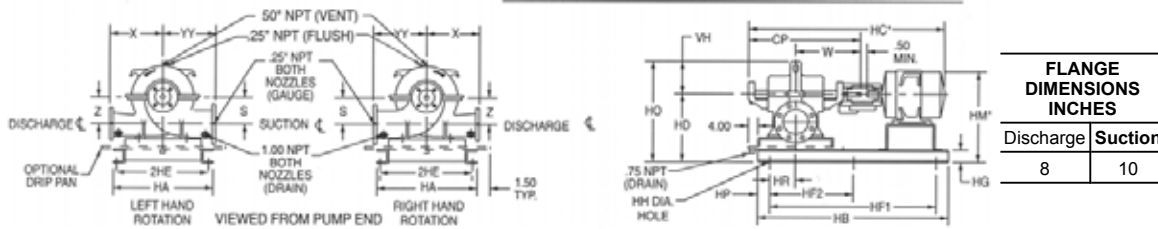
TYPE OF SEAL

- ☐ **STANDARD:** 175 PSIG (12 Bar) working pressure, 125# ANSI Flange Configuration
- ☐ **STANDARD:** Crane Type 21, BUNA/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).
- ☐ **OPTIONAL:** Crane Type 21, EPR/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -20° to 250°F (-29 °C to 121 °C).
- ☐ **OPTIONAL:** Crane Type 21, EPR/Carbon Tungsten Carbide, 75 psig (5 Bar) maximum suction pressure, from -20° to 250°F (-29 °C to 121 °C).
- ☐ **OPTIONAL:** 280 PSIG (19 Bar) working pressure, 250# ANSI Flange Configuration
- ☐ **STANDARD:** Crane Type 1, BUNA/Carbon-Ceramic, 150 psig (10 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).
- ☐ **OPTIONAL:** 400 PSIG (27 Bar) working pressure, 250# ANSI Flange Configuration
- ☐ **STANDARD:** Crane Type 1B, BUNA/Carbon-Ceramic, 300 psig (20 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).
- ☐ **OTHER:**

SERIES A-C 8100

A-C 8100 10x8x12L Centrifugal Pump Submittal

AC-543.23B



HQ: HOLES PER SIDE

DIMENSIONS - Inches (mm)

MOTOR FRAME	HA	HB	2HE	HF ₁	HF ₂	HG	HH	HP	HR	CP	HC*	HD	HM*	HO	HQ	S & Z	VH	W	X	YY
254	24 (610)	62 (1575)	22 (559)	50 (1270)	25 (635)	4 (102)	1 (25)	6 (152)	7 (178)	39.56 (1005)	62 (1575)	21.5 (546)	29 (737)	33.5 (851)	3	8.5 (216)	12 (305)	22.56 (573)	14 (356)	17 (432)
256	24 (610)	62 (1575)	22 (559)	50 (1270)	25 (635)	4 (102)	1 (25)	6 (152)	7 (178)	39.56 (1005)	64 (1626)	21.5 (546)	29 (737)	33.5 (851)	3	8.5 (216)	10.5 (267)	22.56 (573)	14 (356)	17 (432)
284	24 (610)	62 (1575)	22 (559)	50 (1270)	25 (635)	4 (102)	1 (25)	6 (152)	7 (178)	39.56 (1005)	65 (1651)	21.5 (546)	29 (737)	33.5 (851)	3	8.5 (216)	10.5 (267)	22.56 (573)	14 (356)	17 (432)
286	24 (610)	62 (1575)	22 (559)	50 (1270)	25 (635)	4 (102)	1 (25)	6 (152)	7 (178)	39.56 (1005)	67 (1702)	21.5 (546)	29 (737)	33.5 (851)	3	8.5 (216)	10.5 (267)	22.56 (573)	14 (356)	17 (432)
324	24 (610)	66 (1676)	22 (559)	54 (1372)	27 (686)	4 (102)	1 (25)	6 (152)	7 (178)	39.56 (1005)	70 (1778)	21.5 (546)	30 (762)	33.5 (851)	3	8.5 (216)	10.5 (267)	22.56 (573)	14 (356)	17 (432)
326	24 (610)	66 (1676)	22 (559)	54 (1372)	27 (686)	4 (102)	1 (25)	6 (152)	7 (178)	39.56 (1005)	70 (1778)	21.5 (546)	30 (762)	33.5 (851)	3	8.5 (216)	10.5 (267)	22.56 (573)	14 (356)	17 (432)
364	24 (610)	66 (1676)	22 (559)	54 (1372)	27 (686)	4 (102)	1 (25)	6 (152)	7 (178)	39.56 (1005)	71 (1803)	21.5 (546)	31 (787)	33.5 (851)	3	8.5 (216)	10.5 (267)	22.56 (573)	14 (356)	17 (432)
365	24 (610)	66 (1676)	22 (559)	54 (1372)	27 (686)	4 (102)	1 (25)	6 (152)	7 (178)	39.56 (1005)	72 (1829)	21.5 (546)	31 (787)	33.5 (851)	3	8.5 (216)	10.5 (267)	22.56 (573)	14 (356)	17 (432)
404	29.4 (747)	76 (1930)	27.5 (699)	66 (1676)	16.5 (419)	6 (152)	0.88 (22)	5 (127)	8 (203)	39.56 (1005)	77 (1956)	23.5 (597)	34 (864)	35.5 (902)	5	8.5 (216)	10.5 (267)	22.56 (573)	14 (356)	17 (432)
405	29.4 (747)	76 (1930)	27.5 (699)	66 (1676)	16.5 (419)	6 (152)	0.88 (22)	5 (127)	8 (203)	39.56 (1005)	78 (1956)	23.5 (597)	34 (864)	35.5 (902)	5	8.5 (216)	10.5 (267)	22.56 (573)	14 (356)	17 (432)
444	29.4 (747)	76 (1930)	27.5 (699)	66 (1676)	16.5 (419)	6 (152)	0.88 (22)	5 (127)	8 (203)	39.56 (1005)	83 (1956)	23.5 (597)	34 (864)	35.5 (902)	5	8.5 (216)	10.5 (267)	22.56 (573)	14 (356)	17 (432)
445	29.4 (747)	76 (1930)	27.5 (699)	66 (1676)	16.5 (419)	6 (152)	0.88 (22)	5 (127)	8 (203)	39.56 (1005)	85 (1956)	23.5 (597)	34 (864)	35.5 (902)	5	8.5 (216)	10.5 (267)	22.56 (573)	14 (356)	17 (432)

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

SUBMITTAL**AC-543.24B**

JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NO.

DATE:

ENGINEER:

SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:



10X8X17S

Series A-C 8100

Base Mounted - Double Suction Centrifugal Pumps

SPECIFICATIONS

FLOW _____ HEAD _____

HP _____ RPM _____

VOLTS _____

CYCLE _____ PHASE _____

ENCLOSURE _____

APPROX. WEIGHT _____

SPECIALS _____

MATERIALS OF CONSTRUCTION

- ☒ Cast Iron Bronze Fitted
- ☒ Fabricated Heavy Duty Baseplate
- ☒ ANSI/OSHA Coupling Guard
- ☒ Flexible Coupling
- ☐ Spacer Coupling (Optional)
- ☐ Galvanized Drip Pan (Optional)

TYPE OF SEAL

☐ **STANDARD:** 175 PSIG (12 Bar) working pressure, 125# ANSI Flange Configuration

☐ **STANDARD:** Crane Type 21, BUNA/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).

☐ **OPTIONAL:** Crane Type 21, EPR/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -20° to 250°F (-29 °C to 121 °C).

☐ **OPTIONAL:** Crane Type 21, EPR/Carbon Tungsten Carbide, 75 psig (5 Bar) maximum suction pressure, from -20° to 250°F (-29 °C to 121 °C).

☐ **OPTIONAL:** 280 PSIG (19 Bar) working pressure, 250# ANSI Flange Configuration

☐ **STANDARD:** Crane Type 1, BUNA/Carbon-Ceramic, 150 psig (10 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).

☐ **OPTIONAL:** 400 PSIG (27 Bar) working pressure, 250# ANSI Flange Configuration

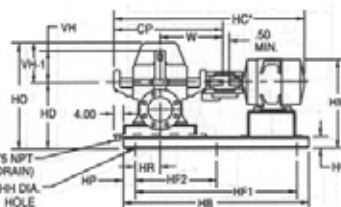
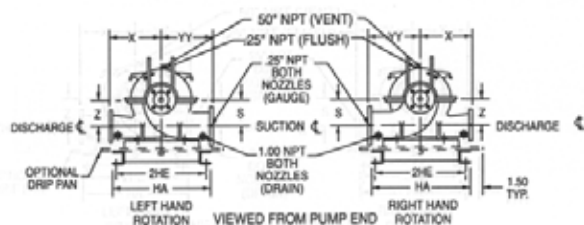
☐ **STANDARD:** Crane Type 1B, BUNA/Carbon-Ceramic, 300 psig (20 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).

☐ **OTHER:**

SERIES A-C 8100

A-C 8100 10X8X17S Centrifugal Pump Submittal

AC-543.24B



FLANGE DIMENSIONS INCHES	
Discharge	Suction
8	10

VH1: 14.31(363)

HQ: HOLES PER SIDE

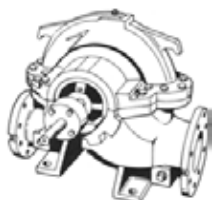
DIMENSIONS - Inches (mm)

MOTOR FRAME	HA	HB	2HE	HF ₁	HF ₂	HG	HH	HP	HR	CP	HC*	HD	HM*	HO	HQ	S & Z	VH	W	X	YY
324	24 (610)	66 (1676)	22 (559)	54 (1372)	27 (686)	4 (102)	1 (25)	6 (152)	7 (178)	39.56 (1005)	68 (1727)	23.25 (591)	32 (813)	37.56 (954)	3	10 (254)	12.81 (325)	22.56 (573)	16 (406)	18 (457)
326	24 (610)	66 (1676)	22 (559)	54 (1372)	27 (686)	4 (102)	1 (25)	6 (152)	7 (178)	39.56 (1005)	70 (1778)	23.25 (591)	32 (813)	37.56 (954)	3	10 (254)	12.81 (325)	22.56 (573)	16 (406)	18 (457)
364	24 (610)	66 (1676)	22 (559)	54 (1372)	27 (686)	4 (102)	1 (25)	6 (152)	7 (178)	39.56 (1005)	71 (1803)	23.25 (591)	33 (838)	37.56 (954)	3	10 (254)	12.81 (325)	22.56 (573)	16 (406)	18 (457)
365	24 (610)	66 (1676)	22 (559)	54 (1372)	27 (686)	4 (102)	1 (25)	6 (152)	7 (178)	39.56 (1005)	72 (1829)	23.25 (591)	33 (838)	37.56 (954)	3	10 (254)	12.81 (325)	22.56 (573)	16 (406)	18 (457)
404	29.4 (747)	76 (1930)	27.5 (699)	66 (1676)	16.5 (419)	6 (152)	0.88 (22)	5 (127)	8 (203)	39.56 (1005)	77 (1956)	25.25 (641)	36 (914)	39.56 (1005)	5	10 (254)	12.81 (325)	22.56 (573)	16 (406)	18 (457)
405	29.4 (747)	76 (1930)	27.5 (699)	66 (1676)	16.5 (419)	6 (152)	0.88 (22)	5 (127)	8 (203)	39.56 (1005)	78 (1956)	25.25 (641)	36 (914)	39.56 (1005)	5	10 (254)	12.81 (325)	22.56 (573)	16 (406)	18 (457)
444	29.4 (747)	76 (1930)	27.5 (699)	66 (1676)	16.5 (419)	6 (152)	0.88 (22)	5 (127)	8 (203)	39.56 (1005)	83 (2108)	25.25 (641)	37 (940)	39.56 (1005)	5	10 (254)	12.81 (325)	22.56 (573)	16 (406)	18 (457)
445	29.4 (747)	76 (1930)	27.5 (699)	66 (1676)	16.5 (419)	6 (152)	0.88 (22)	5 (127)	8 (203)	39.56 (1005)	85 (2108)	25.25 (641)	37 (940)	39.56 (1005)	5	10 (254)	12.81 (325)	22.56 (573)	16 (406)	18 (457)
447	29.4 (747)	86 (2184)	27.5 (699)	76 (1930)	19 (483)	6 (152)	0.88 (22)	5 (127)	8 (203)	39.56 (1005)	88 (2235)	25.25 (641)	37 (940)	39.56 (1005)	5	10 (254)	12.81 (325)	22.56 (573)	16 (406)	18 (457)
449	29.4 (747)	86 (2184)	27.5 (699)	76 (1930)	19 (483)	6 (152)	0.88 (22)	5 (127)	8 (203)	39.56 (1005)	93 (2362)	25.25 (641)	37 (940)	39.56 (1005)	5	10 (254)	12.81 (325)	22.56 (573)	16 (406)	18 (457)

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

SUBMITTAL**AC-543.25B**

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



10X8X17L

Series A-C 8100

Base Mounted - Double Suction Centrifugal Pumps

SPECIFICATIONS

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

MATERIALS OF CONSTRUCTION

- ☒ Cast Iron Bronze Fitted
- ☒ Fabricated Heavy Duty Baseplate
- ☒ ANSI/OSHA Coupling Guard
- ☒ Flexible Coupling
- ☐ Spacer Coupling (Optional)
- ☐ Galvanized Drip Pan (Optional)

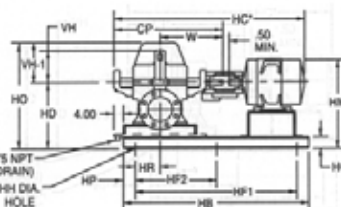
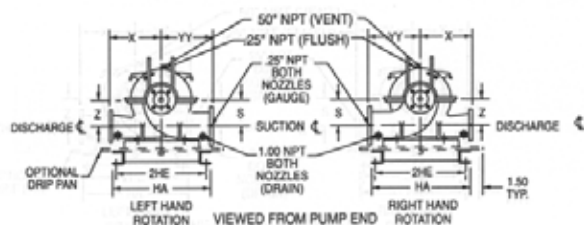
TYPE OF SEAL

- ☐ **STANDARD:** 175 PSIG (12 Bar) working pressure, 125# ANSI Flange Configuration
- ☐ **STANDARD:** Crane Type 21, BUNA/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).
- ☐ **OPTIONAL:** Crane Type 21, EPR/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -20° to 250°F (-29 °C to 121 °C).
- ☐ **OPTIONAL:** Crane Type 21, EPR/Carbon Tungsten Carbide, 75 psig (5 Bar) maximum suction pressure, from -20° to 250°F (-29 °C to 121 °C).
- ☐ **OPTIONAL:** 280 PSIG (19 Bar) working pressure, 250# ANSI Flange Configuration
- ☐ **STANDARD:** Crane Type 1, BUNA/Carbon-Ceramic, 150 psig (10 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).
- ☐ **OPTIONAL:** 400 PSIG (27 Bar) working pressure, 250# ANSI Flange Configuration
- ☐ **STANDARD:** Crane Type 1B, BUNA/Carbon-Ceramic, 300 psig (20 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).
- ☐ **OTHER:**

SERIES A-C 8100

A-C 8100 10X8X17L Centrifugal Pump Submittal

AC-543.25B



FLANGE DIMENSIONS INCHES	
Discharge	Suction
8	10

VH1: 14.21(363)

HQ: HOLES PER SIDE

DIMENSIONS - Inches (mm)

>

MOTOR FRAME	HA	HB	2HE	HF ₁	HF ₂	HG	HH	HP	HR	CP	HC*	HD	HM*	HO	HQ	S & Z	VH	W	X	YY
324	24 (610)	66 (1676)	22 (559)	54 (1372)	27 (686)	4 (102)	1 (25)	6 (152)	7 (178)	39.56 (1005)	68 (1727)	23.25 (591)	32 (813)	37.56 (954)	3	10 (254)	12.81 (325)	22.56 (573)	16 (406)	18 (457)
326	24 (610)	66 (1676)	22 (559)	54 (1372)	27 (686)	4 (102)	1 (25)	6 (152)	7 (178)	39.56 (1005)	70 (1778)	23.25 (591)	32 (813)	37.56 (954)	3	10 (254)	12.81 (325)	22.56 (573)	16 (406)	18 (457)
364	24 (610)	66 (1676)	22 (559)	54 (1372)	27 (686)	4 (102)	1 (25)	6 (152)	7 (178)	39.56 (1005)	71 (1803)	23.25 (591)	33 (838)	37.56 (954)	3	10 (254)	12.81 (325)	22.56 (573)	16 (406)	18 (457)
365	24 (610)	66 (1676)	22 (559)	54 (1372)	27 (686)	4 (102)	1 (25)	6 (152)	7 (178)	39.56 (1005)	72 (1829)	23.25 (591)	33 (838)	37.56 (954)	3	10 (254)	12.81 (325)	22.56 (573)	16 (406)	18 (457)
404	29.4 (747)	76 (1930)	27.5 (699)	66 (1676)	16.5 (419)	6 (152)	0.88 (22)	5 (127)	8 (203)	39.56 (1005)	77 (1956)	25.25 (641)	36 (914)	39.56 (1005)	5	10 (254)	12.81 (325)	22.56 (573)	16 (406)	18 (457)
405	29.4 (747)	76 (1930)	27.5 (699)	66 (1676)	16.5 (419)	6 (152)	0.88 (22)	5 (127)	8 (203)	39.56 (1005)	78 (1956)	25.25 (641)	36 (914)	39.56 (1005)	5	10 (254)	12.81 (325)	22.56 (573)	16 (406)	18 (457)
444	29.4 (747)	76 (1930)	27.5 (699)	66 (1676)	16.5 (419)	6 (152)	0.88 (22)	5 (127)	8 (203)	39.56 (1005)	83 (2108)	25.25 (641)	37 (940)	39.56 (1005)	5	10 (254)	12.81 (325)	22.56 (573)	16 (406)	18 (457)
445	29.4 (747)	76 (1930)	27.5 (699)	66 (1676)	16.5 (419)	6 (152)	0.88 (22)	5 (127)	8 (203)	39.56 (1005)	85 (2159)	25.25 (641)	37 (940)	39.56 (1005)	5	10 (254)	12.81 (325)	22.56 (573)	16 (406)	18 (457)
447	29.4 (747)	86 (2184)	27.5 (699)	76 (1930)	19 (483)	6 (152)	0.88 (22)	5 (127)	8 (203)	39.56 (1005)	88 (2235)	25.25 (641)	37 (940)	39.56 (1005)	5	10 (254)	12.81 (325)	22.56 (573)	16 (406)	18 (457)
449	29.4 (747)	86 (2184)	27.5 (699)	76 (1930)	19 (483)	6 (152)	0.88 (22)	5 (127)	8 (203)	39.56 (1005)	93 (2362)	25.25 (641)	37 (940)	39.56 (1005)	5	10 (254)	12.81 (325)	22.56 (573)	16 (406)	18 (457)

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

SUBMITTAL**AC-543.26B**

JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NO.

DATE:

ENGINEER:

SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:



10x8x20S

Series A-C 8100

Base Mounted - Double Suction Centrifugal Pumps

SPECIFICATIONS

FLOW _____ HEAD _____

HP _____ RPM _____

VOLTS _____

CYCLE _____ PHASE _____

ENCLOSURE _____

APPROX. WEIGHT _____

SPECIALS _____

MATERIALS OF CONSTRUCTION

- ☒ Cast Iron Bronze Fitted
- ☒ Fabricated Heavy Duty Baseplate
- ☒ ANSI/OSHA Coupling Guard
- ☒ Flexible Coupling
- ☐ Spacer Coupling (Optional)
- ☐ Galvanized Drip Pan (Optional)

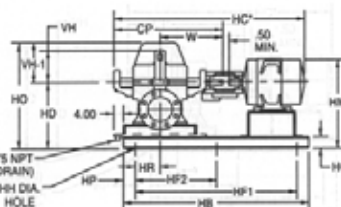
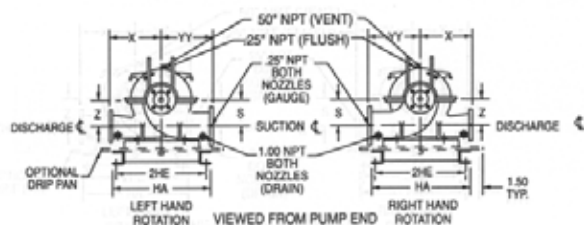
TYPE OF SEAL

- ☐ **STANDARD:** 175 PSIG (12 Bar) working pressure, 125# ANSI Flange Configuration
- ☐ **STANDARD:** Crane Type 21, BUNA/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).
- ☐ **OPTIONAL:** Crane Type 21, EPR/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -20° to 250°F (-29 °C to 121 °C).
- ☐ **OPTIONAL:** Crane Type 21, EPR/Carbon Tungsten Carbide, 75 psig (5 Bar) maximum suction pressure, from -20° to 250°F (-29 °C to 121 °C).
- ☐ **OPTIONAL:** 280 PSIG (19 Bar) working pressure, 250# ANSI Flange Configuration
- ☐ **STANDARD:** Crane Type 1, BUNA/Carbon-Ceramic, 150 psig (10 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).
- ☐ **OPTIONAL:** 400 PSIG (27 Bar) working pressure, 250# ANSI Flange Configuration
- ☐ **STANDARD:** Crane Type 1B, BUNA/Carbon-Ceramic, 300 psig (20 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).
- ☐ **OTHER:**

SERIES A-C 8100

A-C 8100 10x8x20S Centrifugal Pump Submittal

AC-543.26B



FLANGE DIMENSIONS INCHES	
Discharge	Suction
8	10

VH1: 22.25(565)

HQ: HOLES PER SIDE

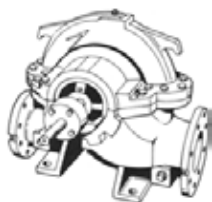
DIMENSIONS - Inches (mm)

MOTOR FRAME	HA	HB	2HE	HF ₁	HF ₂	HG	HH	HP	HR	CP	HC*	HD	HM*	HO	HQ	S & Z	VH	W	X	YY
324	26 (660)	66 (1676)	24 (610)	54 (1372)	27 (686)	4 (102)	1 (25)	6 (152)	7 (178)	39.56 (1005)	68 (1727)	27.25 (692)	36 (914)	49.5 (1257)	3	14 (356)	15.44 (392)	22.56 (573)	18 (457)	20 (508)
326	26 (660)	66 (1676)	24 (610)	54 (1372)	27 (686)	4 (102)	1 (25)	6 (152)	7 (178)	39.56 (1005)	70 (1778)	27.25 (692)	36 (914)	49.5 (1257)	3	14 (356)	15.44 (392)	22.56 (573)	18 (457)	20 (508)
364	26 (660)	66 (1676)	24 (610)	54 (1372)	27 (686)	4 (102)	1 (25)	6 (152)	7 (178)	39.56 (1005)	71 (1803)	27.25 (692)	36 (914)	49.50 (1257)	3	14 (356)	15.44 (392)	22.56 (573)	18 (457)	20 (508)
365	26 (660)	66 (1676)	24 (610)	54 (1372)	27 (686)	4 (102)	1 (25)	6 (152)	7 (178)	39.56 (1005)	72 (1829)	27.25 (692)	36 (914)	49.5 (1257)	3	14 (356)	15.44 (392)	22.56 (573)	18 (457)	20 (508)
404	31.4 (798)	76 (1930)	29.5 (749)	66 (1676)	16.5 (419)	6 (152)	0.88 (22)	5 (127)	8 (203)	39.56 (1005)	77 (1956)	29.25 (743)	40 (1016)	51.5 (1308)	5	14 (356)	15.44 (392)	22.56 (573)	18 (457)	20 (508)
405	31.4 (798)	76 (1930)	29.5 (749)	66 (1676)	16.5 (419)	6 (152)	0.88 (22)	5 (127)	8 (203)	39.56 (1005)	78 (1981)	29.25 (743)	40 (1016)	51.5 (1308)	5	14 (356)	15.44 (392)	22.56 (573)	18 (457)	20 (508)
444	31.4 (798)	76 (1930)	29.5 (749)	66 (1676)	16.5 (419)	6 (152)	0.88 (22)	5 (127)	8 (203)	39.56 (1005)	83 (2108)	29.25 (743)	39 (991)	51.5 (1308)	5	14 (356)	15.44 (392)	22.56 (573)	18 (457)	20 (508)
445	31.4 (798)	76 (1930)	29.5 (749)	66 (1676)	16.5 (419)	6 (152)	0.88 (22)	5 (127)	8 (203)	39.56 (1005)	85 (2159)	29.25 (743)	39 (991)	51.5 (1308)	5	14 (356)	15.44 (392)	22.56 (573)	18 (457)	20 (508)
447	31.4 (798)	86 (2184)	29.5 (749)	76 (1930)	19 (483)	6 (152)	0.88 (22)	5 (127)	8 (203)	39.56 (1005)	88 (2235)	29.25 (743)	39 (991)	51.5 (1308)	5	14 (356)	15.44 (392)	22.56 (573)	18 (457)	20 (508)
449	31.4 (798)	86 (2184)	29.5 (749)	76 (1930)	19 (483)	6 (152)	0.88 (22)	5 (127)	8 (203)	39.56 (1005)	93 (2362)	29.25 (743)	39 (991)	51.5 (1308)	5	14 (356)	15.44 (392)	22.56 (573)	18 (457)	20 (508)

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

SUBMITTAL**AC-543.27B**

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



10x8x20L

Series A-C 8100

Base Mounted - Double Suction Centrifugal Pumps

SPECIFICATIONS

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

MATERIALS OF CONSTRUCTION

- ☒ Cast Iron Bronze Fitted
- ☒ Fabricated Heavy Duty Baseplate
- ☒ ANSI/OSHA Coupling Guard
- ☒ Flexible Coupling
- ☐ Spacer Coupling (Optional)
- ☐ Galvanized Drip Pan (Optional)

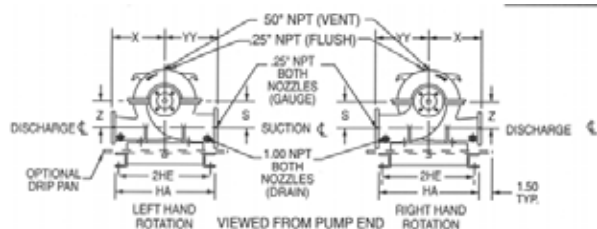
TYPE OF SEAL

- ☐ **STANDARD:** 175 PSIG (12 Bar) working pressure, 125# ANSI Flange Configuration
- ☐ **STANDARD:** Crane Type 21, BUNA/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).
- ☐ **OPTIONAL:** Crane Type 21, EPR/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -20° to 250°F (-29 °C to 121 °C).
- ☐ **OPTIONAL:** Crane Type 21, EPR/Carbon Tungsten Carbide, 75 psig (5 Bar) maximum suction pressure, from -20° to 250°F (-29 °C to 121 °C).
- ☐ **OPTIONAL:** 280 PSIG (19 Bar) working pressure, 250# ANSI Flange Configuration
- ☐ **STANDARD:** Crane Type 1, BUNA/Carbon-Ceramic, 150 psig (10 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).
- ☐ **OPTIONAL:** 400 PSIG (27 Bar) working pressure, 250# ANSI Flange Configuration
- ☐ **STANDARD:** Crane Type 1B, BUNA/Carbon-Ceramic, 300 psig (20 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).
- ☐ **OTHER:**

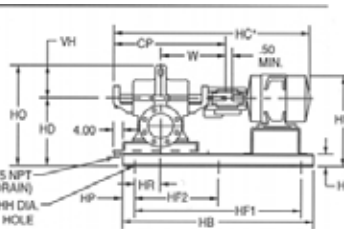
SERIES A-C 8100

A-C 8100 10x8x20L Centrifugal Pump Submittal

AC-543.27B



HQ: HOLES PER SIDE



FLANGE DIMENSIONS INCHES	
Discharge	Suction
8	10

DIMENSIONS - Inches (mm)

MOTOR FRAME	HA	HB	2HE	HF ₁	HF ₂	HG	HH	HP	HR	CP	HC*	HD	HM*	HO	HQ	S & Z	VH	W	X	YY
324	26 (660)	66 (1676)	24 (610)	54 (1372)	27 (686)	4 (102)	1 (25)	6 (152)	7 (178)	39.56 (1005)	68 (1727)	27.25 (692)	36 (914)	49.5 (1257)	3	14 (356)	15.44 (392)	22.56 (573)	18 (457)	20 (508)
326	26 (660)	66 (1676)	24 (610)	54 (1372)	27 (686)	4 (102)	1 (25)	6 (152)	7 (178)	39.56 (1005)	70 (1778)	27.25 (692)	36 (914)	49.5 (1257)	3	14 (356)	15.44 (392)	22.56 (573)	18 (457)	20 (508)
364	26 (660)	66 (1676)	24 (610)	54 (1372)	27 (686)	4 (102)	1 (25)	6 (152)	7 (178)	39.56 (1005)	71 (1803)	27.25 (692)	36 (914)	49.5 (1257)	3	14 (356)	15.44 (392)	22.56 (573)	18 (457)	20 (508)
365	26 (660)	66 (1676)	24 (610)	54 (1372)	27 (686)	4 (102)	1 (25)	6 (152)	7 (178)	39.56 (1005)	71 (1803)	27.25 (692)	36 (914)	49.5 (1257)	3	14 (356)	15.44 (392)	22.56 (573)	18 (457)	20 (508)
404	31.4 (798)	76 (1930)	29.5 (749)	66 (1676)	16.5 (419)	6 (152)	0.88 (22)	5 (127)	8 (203)	39.56 (1005)	72 (1829)	29.25 (743)	40 (1016)	51.5 (1308)	5	14 (356)	15.44 (392)	22.56 (573)	18 (457)	20 (508)
405	31.4 (798)	76 (1930)	29.5 (749)	66 (1676)	16.5 (419)	6 (152)	0.88 (22)	5 (127)	8 (203)	39.56 (1005)	77 (1956)	29.25 (743)	40 (1016)	51.5 (1308)	5	14 (356)	15.44 (392)	22.56 (573)	18 (457)	20 (508)
444	31.4 (798)	76 (1930)	29.5 (749)	66 (1676)	16.5 (419)	6 (152)	0.88 (22)	5 (127)	8 (203)	39.56 (1005)	78 (1981)	29.25 (743)	39 (991)	51.5 (1308)	5	14 (356)	15.44 (392)	22.56 (573)	18 (457)	20 (508)
445	31.4 (798)	76 (1930)	29.5 (749)	66 (1676)	16.5 (419)	6 (152)	0.88 (22)	5 (127)	8 (203)	39.56 (1005)	83 (2108)	29.25 (743)	39 (991)	51.5 (1308)	5	14 (356)	15.44 (392)	22.56 (573)	18 (457)	20 (508)
447	31.4 (798)	86 (2184)	29.5 (749)	76 (1930)	19 (488)	6 (152)	0.88 (22)	5 (127)	8 (203)	39.56 (1005)	85 (2159)	29.25 (743)	39 (991)	51.5 (1308)	5	14 (356)	15.44 (392)	22.56 (573)	18 (457)	20 (508)
449	31.4 (798)	86 (2184)	29.5 (749)	76 (1930)	19 (488)	6 (152)	0.88 (22)	5 (127)	8 (203)	39.56 (1005)	88 (2235)	29.25 (743)	39 (991)	51.5 (1308)	5	14 (356)	15.44 (392)	22.56 (573)	18 (457)	20 (508)

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

SUBMITTAL**AC-543.28B**

JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NO.

DATE:

ENGINEER:

SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:



10X10X12

Series A-C 8100

Base Mounted - Double Suction Centrifugal Pumps

SPECIFICATIONS

FLOW _____ HEAD _____

HP _____ RPM _____

VOLTS _____

CYCLE _____ PHASE _____

ENCLOSURE _____

APPROX. WEIGHT _____

SPECIALS _____

MATERIALS OF CONSTRUCTION

- ☒ Cast Iron Bronze Fitted
- ☒ Fabricated Heavy Duty Baseplate
- ☒ ANSI/OSHA Coupling Guard
- ☒ Flexible Coupling
- ☐ Spacer Coupling (Optional)
- ☐ Galvanized Drip Pan (Optional)

TYPE OF SEAL

☐ **STANDARD:** 175 PSIG (12 Bar) working pressure, 125# ANSI Flange Configuration

☐ **STANDARD:** Crane Type 21, BUNA/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).

☐ **OPTIONAL:** Crane Type 21, EPR/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -20° to 250°F (-29 °C to 121 °C).

☐ **OPTIONAL:** Crane Type 21, EPR/Carbon Tungsten Carbide, 75 psig (5 Bar) maximum suction pressure, from -20° to 250°F (-29 °C to 121 °C).

☐ **OPTIONAL:** 280 PSIG (19 Bar) working pressure, 250# ANSI Flange Configuration

☐ **STANDARD:** Crane Type 1, BUNA/Carbon-Ceramic, 150 psig (10 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).

☐ **OPTIONAL:** 400 PSIG (27 Bar) working pressure, 250# ANSI Flange Configuration

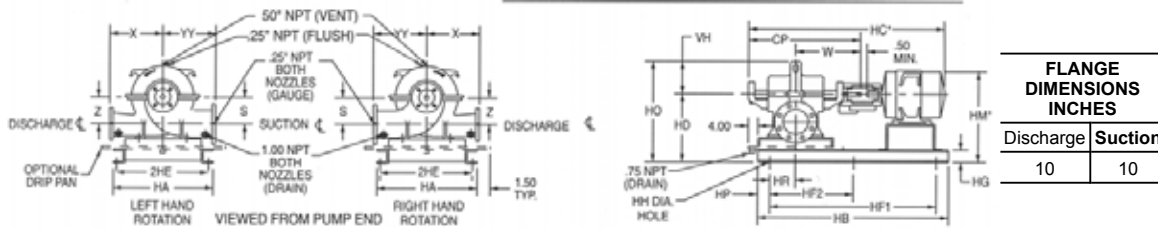
☐ **STANDARD:** Crane Type 1B, BUNA/Carbon-Ceramic, 300 psig (20 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).

☐ **OTHER:**

SERIES A-C 8100

A-C 8100 10X10X12 Centrifugal Pump Submittal

AC-543.28B



HQ: HOLES PER SIDE

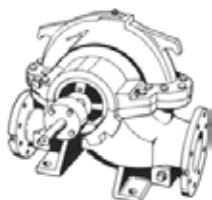
DIMENSIONS - Inches (mm)

MOTOR FRAME	HA	HB	2HE	HF ₁	HF ₂	HG	HH	HP	HR	CP	HC*	HD	HM*	HO	HQ	S & Z	VH	W	X	YY
284	24 (610)	68 (1727)	22 (559)	56 (1422)	28 (711)	4 (102)	1 (25)	6 (152)	8.5 (216)	42.56 (1081)	68 (1727)	22.5 (572)	30 (762)	33.69 (856)	3	9 (229)	11.19 (284)	24.06 (611)	16 (406)	18 (457)
286	24 (610)	68 (1727)	22 (559)	56 (1422)	28 (711)	4 (102)	1 (25)	6 (152)	8.5 (216)	42.56 (1081)	70 (1778)	22.5 (572)	30 (762)	33.69 (856)	3	9 (229)	11.19 (284)	24.06 (611)	16 (406)	18 (457)
324	24 (610)	68 (1727)	22 (559)	56 (1422)	28 (711)	4 (102)	1 (25)	6 (152)	8.5 (216)	42.56 (1081)	71 (1803)	22.5 (572)	31 (787)	33.69 (856)	3	9 (229)	11.19 (284)	24.06 (611)	16 (406)	18 (457)
326	24 (610)	68 (1727)	22 (559)	56 (1422)	28 (711)	4 (102)	1 (25)	6 (152)	8.5 (216)	42.56 (1081)	73 (1854)	22.5 (572)	31 (787)	33.69 (856)	3	9 (229)	11.19 (284)	24.06 (611)	16 (406)	18 (457)
364	24 (610)	68 (1727)	22 (559)	56 (1422)	28 (711)	4 (102)	1 (25)	6 (152)	8.5 (216)	42.56 (1081)	74 (1880)	22.5 (572)	32 (813)	33.69 (856)	3	9 (229)	11.19 (284)	24.06 (611)	16 (406)	18 (457)
365	24 (610)	68 (1727)	22 (559)	56 (1422)	28 (711)	4 (102)	1 (25)	6 (152)	8.5 (216)	42.56 (1081)	75 (1905)	22.5 (572)	32 (813)	33.69 (856)	3	9 (229)	11.19 (284)	24.06 (611)	16 (406)	18 (457)
404	29.4 (747)	80 (2032)	27.5 (699)	70 (1778)	17.5 (445)	6 (152)	0.88 (22)	5 (127)	9.5 (241)	42.56 (1081)	81 (2057)	24.5 (622)	35 (889)	35.69 (907)	5	9 (229)	11.19 (284)	24.06 (611)	16 (406)	18 (457)
405	29.4 (747)	80 (2032)	27.5 (699)	70 (1778)	17.5 (445)	6 (152)	0.88 (22)	5 (127)	9.5 (241)	42.56 (1081)	87 (2210)	24.5 (622)	35 (889)	35.69 (907)	5	9 (229)	11.19 (284)	24.06 (611)	16 (406)	18 (457)
444	29.4 (747)	80 (2032)	27.5 (699)	70 (1778)	17.5 (445)	6 (152)	0.88 (22)	5 (127)	9.5 (241)	42.56 (1081)	88 (2235)	24.5 (622)	36 (914)	35.69 (907)	5	9 (229)	11.19 (284)	24.06 (611)	16 (406)	18 (457)
445	29.4 (747)	80 (2032)	27.5 (699)	70 (1778)	17.5 (445)	6 (152)	0.88 (22)	5 (127)	9.5 (241)	42.56 (1081)	96 (2438)	24.5 (622)	36 (914)	35.69 (907)	5	9 (229)	11.19 (284)	24.06 (611)	16 (406)	18 (457)

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

SUBMITTAL**AC-543.29B**

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



12x10x12M

Series A-C 8100

Base Mounted - Double Suction Centrifugal Pumps

SPECIFICATIONS

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

MATERIALS OF CONSTRUCTION

- ☒ Cast Iron Bronze Fitted
- ☒ Fabricated Heavy Duty Baseplate
- ☒ ANSI/OSHA Coupling Guard
- ☒ Flexible Coupling
- ☐ Spacer Coupling (Optional)
- ☐ Galvanized Drip Pan (Optional)

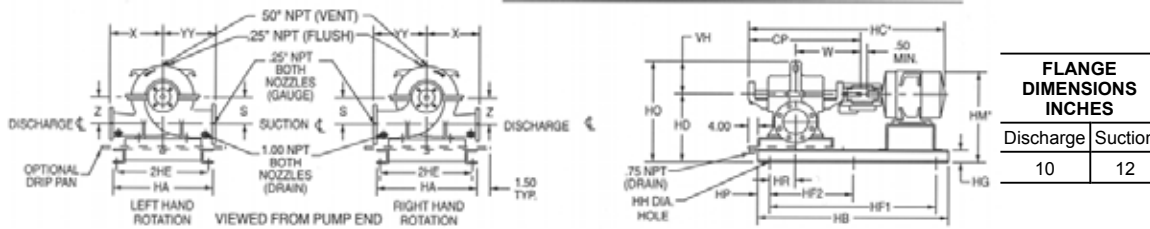
TYPE OF SEAL

- ☐ **STANDARD:** 175 PSIG (12 Bar) working pressure, 125# ANSI Flange Configuration
- ☐ **STANDARD:** Crane Type 21, BUNA/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).
- ☐ **OPTIONAL:** Crane Type 21, EPR/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -20° to 250°F (-29 °C to 121 °C).
- ☐ **OPTIONAL:** Crane Type 21, EPR/Carbon Tungsten Carbide, 75 psig (5 Bar) maximum suction pressure, from -20° to 250°F (-29 °C to 121 °C).
- ☐ **OPTIONAL:** 280 PSIG (19 Bar) working pressure, 250# ANSI Flange Configuration
- ☐ **STANDARD:** Crane Type 1, BUNA/Carbon-Ceramic, 150 psig (10 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).
- ☐ **OPTIONAL:** 400 PSIG (27 Bar) working pressure, 250# ANSI Flange Configuration
- ☐ **STANDARD:** Crane Type 1B, BUNA/Carbon-Ceramic, 300 psig (20 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).
- ☐ **OTHER:**

SERIES A-C 8100

A-C 8100 12X10X12M Centrifugal Pump Submittal

AC-543.29B



HQ: HOLES PER SIDE

DIMENSIONS - Inches (mm)

MOTOR FRAME	HA	HB	2HE	HF ₁	HF ₂	HG	HH	HP	HR	CP	HC*	HD	HM*	HO	HQ	S & Z	VH	W	X	YY
284	24 (610)	68 (1727)	22 (559)	56 (1422)	28 (711)	4 (102)	1 (25)	6 (152)	8.5 (216)	42.56 (1081)	68 (1727)	24.5 (622)	32 (813)	36 (914)	3	10 (254)	11.5 (292)	24.06 (611)	16 (406)	19 (483)
286	24 (610)	68 (1727)	22 (559)	56 (1422)	28 (711)	4 (102)	1 (25)	6 (152)	8.5 (216)	42.56 (1081)	70 (1778)	24.5 (622)	32 (813)	36 (914)	3	10 (254)	11.5 (292)	24.06 (611)	16 (406)	19 (483)
324	24 (610)	68 (1727)	22 (559)	56 (1422)	28 (711)	4 (102)	1 (25)	6 (152)	8.5 (216)	42.56 (1081)	71 (1803)	24.5 (622)	33 (838)	36 (914)	3	10 (254)	11.5 (292)	24.06 (611)	16 (406)	19 (483)
326	24 (610)	68 (1727)	22 (559)	56 (1422)	28 (711)	4 (102)	1 (25)	6 (152)	8.5 (216)	42.56 (1081)	73 (1854)	24.5 (622)	33 (838)	36 (914)	3	10 (254)	11.5 (292)	24.06 (611)	16 (406)	19 (483)
364	24 (610)	68 (1727)	22 (559)	56 (1422)	28 (711)	4 (102)	1 (25)	6 (152)	8.5 (216)	42.56 (1081)	74 (1880)	24.5 (622)	34 (864)	36 (914)	3	10 (254)	11.5 (292)	24.06 (611)	16 (406)	19 (483)
365	24 (610)	68 (1727)	22 (559)	56 (1422)	28 (711)	4 (102)	1 (25)	6 (152)	8.5 (216)	42.56 (1081)	75 (1905)	24.5 (622)	34 (864)	36 (914)	3	10 (254)	11.5 (292)	24.06 (611)	16 (406)	19 (483)
404	29.4 (747)	80 (2032)	27.5 (699)	70 (1778)	17.5 (445)	6 (152)	0.88 (22)	5 (127)	9.5 (241)	42.56 (1081)	81 (2057)	26.5 (673)	37 (940)	38 (965)	5	10 (254)	11.5 (292)	24.06 (611)	16 (406)	19 (483)
405	29.4 (747)	80 (2032)	27.5 (699)	70 (1778)	17.5 (445)	6 (152)	0.88 (22)	5 (127)	9.5 (241)	42.56 (1081)	87 (2210)	26.5 (673)	37 (940)	38 (965)	5	10 (254)	11.5 (292)	24.06 (611)	16 (406)	19 (483)
444	29.4 (747)	80 (2032)	27.5 (699)	70 (1778)	17.5 (445)	6 (152)	0.88 (22)	5 (127)	9.5 (241)	42.56 (1081)	88 (2235)	26.5 (673)	38 (965)	38 (965)	5	10 (254)	11.5 (292)	24.06 (611)	16 (406)	19 (483)
445	29.4 (747)	80 (2032)	27.5 (699)	70 (1778)	17.5 (445)	6 (152)	0.88 (22)	5 (127)	9.5 (241)	42.56 (1081)	96 (2438)	26.5 (673)	38 (965)	38 (965)	5	10 (254)	11.5 (292)	24.06 (611)	16 (406)	19 (483)

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

SUBMITTAL**AC-543.30B**

JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NO.

DATE:

ENGINEER:

SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:



12x10X12XL

Series A-C 8100

Base Mounted - Double Suction Centrifugal Pumps

SPECIFICATIONS

FLOW _____ HEAD _____

HP _____ RPM _____

VOLTS _____

CYCLE _____ PHASE _____

ENCLOSURE _____

APPROX. WEIGHT _____

SPECIALS _____

MATERIALS OF CONSTRUCTION

- ☒ Cast Iron Bronze Fitted
- ☒ Fabricated Heavy Duty Baseplate
- ☒ ANSI/OSHA Coupling Guard
- ☒ Flexible Coupling
- ☐ Spacer Coupling (Optional)
- ☐ Galvanized Drip Pan (Optional)

TYPE OF SEAL

☐ **STANDARD:** 175 PSIG (12 Bar) working pressure, 125# ANSI Flange Configuration

☐ **STANDARD:** Crane Type 21, BUNA/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).

☐ **OPTIONAL:** Crane Type 21, EPR/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -20° to 250°F (-29 °C to 121 °C).

☐ **OPTIONAL:** Crane Type 21, EPR/Carbon Tungsten Carbide, 75 psig (5 Bar) maximum suction pressure, from -20° to 250°F (-29 °C to 121 °C).

☐ **OPTIONAL:** 280 PSIG (19 Bar) working pressure, 250# ANSI Flange Configuration

☐ **STANDARD:** Crane Type 1, BUNA/Carbon-Ceramic, 150 psig (10 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).

☐ **OPTIONAL:** 400 PSIG (27 Bar) working pressure, 250# ANSI Flange Configuration

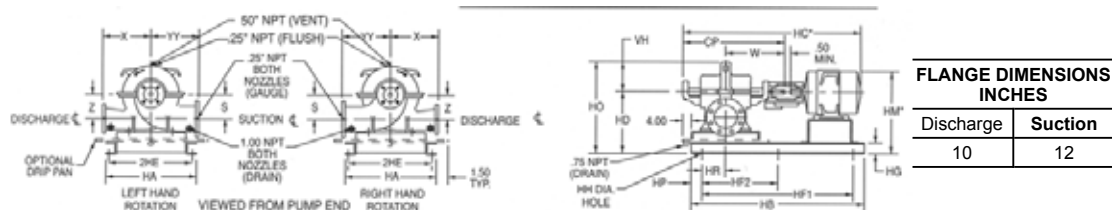
☐ **STANDARD:** Crane Type 1B, BUNA/Carbon-Ceramic, 300 psig (20 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).

☐ **OTHER:**

SERIES A-C 8100

A-C 8100 12X10X12XL Centrifugal Pump Submittal

AC-543.30B



HQ: HOLES PER SIDE

DIMENSIONS - Inches (mm)

MOTOR FRAME	HA	HB	2HE	HF ₁	HF ₂	HG	HH	HP	HR	CP	HC*	HD	HM*	HO	HQ	S & Z	VH	W	X	YY
284	24 (610)	68 (1727)	22 (559)	56 (1422)	28 (711)	4 (102)	1 (25)	6 (152)	8.5 (216)	42.56 (1081)	68 (1727)	24.5 (622)	32 (813)	36 (914)	3	10 (254)	11.5 (292)	24.06 (611)	16 (406)	19 (483)
286	24 (610)	68 (1727)	22 (559)	56 (1422)	28 (711)	4 (102)	1 (25)	6 (152)	8.5 (216)	42.56 (1081)	70 (1778)	24.5 (622)	32 (813)	36 (914)	3	10 (254)	11.5 (292)	24.06 (611)	16 (406)	19 (483)
324	24 (610)	68 (1727)	22 (559)	56 (1422)	28 (711)	4 (102)	1 (25)	6 (152)	8.5 (216)	42.56 (1081)	71 (1803)	24.5 (622)	33 (838)	36 (914)	3	10 (254)	11.5 (292)	24.06 (611)	16 (406)	19 (483)
326	24 (610)	68 (1727)	22 (559)	56 (1422)	28 (711)	4 (102)	1 (25)	6 (152)	8.5 (216)	42.56 (1081)	73 (1854)	24.5 (622)	33 (838)	36 (914)	3	10 (254)	11.5 (292)	24.06 (611)	16 (406)	19 (483)
364	24 (610)	68 (1727)	22 (559)	56 (1422)	28 (711)	4 (102)	1 (25)	6 (152)	8.5 (216)	42.56 (1081)	74 (1880)	24.5 (622)	34 (864)	36 (914)	3	10 (254)	11.5 (292)	24.06 (611)	16 (406)	19 (483)
365	24 (610)	68 (1727)	22 (559)	56 (1422)	28 (711)	4 (102)	1 (25)	6 (152)	8.5 (216)	42.56 (1081)	75 (1905)	24.5 (622)	34 (864)	36 (914)	3	10 (254)	11.5 (292)	24.06 (611)	16 (406)	19 (483)
404	29.4 (747)	80 (2032)	27.5 (699)	70 (1778)	17.5 (445)	6 (152)	0.88 (22)	5 (127)	9.5 (241)	42.56 (1081)	81 (2057)	26.5 (673)	37 (940)	38 (965)	5	10 (254)	11.5 (292)	24.06 (611)	16 (406)	19 (483)
405	29.4 (747)	80 (2032)	27.5 (699)	70 (1778)	17.5 (445)	6 (152)	0.88 (22)	5 (127)	9.5 (241)	42.56 (1081)	87 (2210)	26.5 (673)	37 (940)	38 (965)	5	10 (254)	11.5 (292)	24.06 (611)	16 (406)	19 (483)
444	29.4 (747)	80 (2032)	27.5 (699)	70 (1778)	17.5 (445)	6 (152)	0.88 (22)	5 (127)	9.5 (241)	42.56 (1081)	88 (2235)	26.5 (673)	38 (965)	38 (965)	5	10 (254)	11.5 (292)	24.06 (611)	16 (406)	19 (483)
445	29.4 (747)	80 (2032)	27.5 (699)	70 (1778)	17.5 (445)	6 (152)	0.88 (22)	5 (127)	9.5 (241)	42.56 (1081)	96 (2438)	26.5 (673)	38 (965)	38 (965)	5	10 (254)	11.5 (292)	24.06 (611)	16 (406)	19 (483)

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

SUBMITTAL**AC-543.31B**

JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NO.

DATE:

ENGINEER:

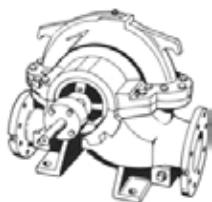
SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:



12X10X14

Series A-C 8100

Base Mounted - Double Suction Centrifugal Pumps

SPECIFICATIONS

FLOW _____ HEAD _____

HP _____ RPM _____

VOLTS _____

CYCLE _____ PHASE _____

ENCLOSURE _____

APPROX. WEIGHT _____

SPECIALS _____

MATERIALS OF CONSTRUCTION

- ☒ Cast Iron Bronze Fitted
- ☒ Fabricated Heavy Duty Baseplate
- ☒ ANSI/OSHA Coupling Guard
- ☒ Flexible Coupling
- ☐ Spacer Coupling (Optional)
- ☐ Galvanized Drip Pan (Optional)

TYPE OF SEAL

☐ **STANDARD:** 175 PSIG (12 Bar) working pressure, 125# ANSI Flange Configuration

☐ **STANDARD:** Crane Type 21, BUNA/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).

☐ **OPTIONAL:** Crane Type 21, EPR/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -20° to 250°F (-29 °C to 121 °C).

☐ **OPTIONAL:** Crane Type 21, EPR/Carbon Tungsten Carbide, 75 psig (5 Bar) maximum suction pressure, from -20° to 250°F (-29 °C to 121 °C).

☐ **OPTIONAL:** 280 PSIG (19 Bar) working pressure, 250# ANSI Flange Configuration

☐ **STANDARD:** Crane Type 1, BUNA/Carbon-Ceramic, 150 psig (10 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).

☐ **OPTIONAL:** 400 PSIG (27 Bar) working pressure, 250# ANSI Flange Configuration

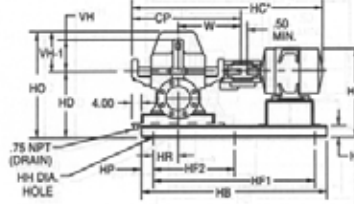
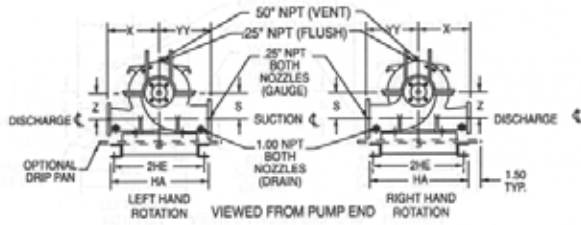
☐ **STANDARD:** Crane Type 1B, BUNA/Carbon-Ceramic, 300 psig (20 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).

☐ **OTHER:**

SERIES A-C 8100

A-C 8100 12X10X14 Centrifugal Pump Submittal

AC-543.31B



FLANGE DIMENSIONS INCHES	
Discharge	Suction
10	12

VH1: 14.94(380)

HQ: HOLES PER SIDE

DIMENSIONS - Inches (mm)

MOTOR FRAME	HA	HB	2HE	HF ₁	HF ₂	HG	HH	HP	HR	CP	HC*	HD	HM*	HO	HQ	S & Z	VH	W	X	YY
324	24 (610)	66 (1676)	22 (559)	54 (1372)	27 (686)	4 (102)	1 (25)	6 (152)	7 (178)	39.56 (1005)	68 (1727)	25.25 (641)	34 (864)	40.19 (1021)	3	11 (279)	13.44 (341)	22.56 (573)	18 (457)	20 (508)
326	24 (610)	66 (1676)	22 (559)	54 (1372)	27 (686)	4 (102)	1 (25)	6 (152)	7 (178)	39.56 (1005)	70 (1778)	25.25 (641)	34 (864)	40.19 (1021)	3	11 (279)	13.44 (341)	22.56 (573)	18 (457)	20 (508)
364	24 (610)	66 (1676)	22 (559)	54 (1372)	27 (686)	4 (102)	1 (25)	6 (152)	7 (178)	39.56 (1005)	71 (1803)	25.25 (641)	34 (864)	40.19 (1021)	3	11 (279)	13.44 (341)	22.56 (573)	18 (457)	20 (508)
365	24 (610)	66 (1676)	22 (559)	54 (1372)	27 (686)	4 (102)	1 (25)	6 (152)	7 (178)	39.56 (1005)	72 (1829)	25.25 (641)	34 (864)	40.19 (1021)	3	11 (279)	13.44 (341)	22.56 (573)	18 (457)	20 (508)
404	29.4 (747)	76 (1930)	27.5 (699)	66 (1676)	16.5 (419)	6 (152)	0.88 (22)	5 (127)	8 (203)	39.56 (1005)	77 (1956)	27.25 (692)	38 (965)	42.19 (1072)	5	11 (279)	13.44 (341)	22.56 (573)	18 (457)	20 (508)
405	29.4 (747)	76 (1930)	27.5 (699)	66 (1676)	16.5 (419)	6 (152)	0.88 (22)	5 (127)	8 (203)	39.56 (1005)	78 (1981)	27.25 (692)	38 (965)	42.19 (1072)	5	11 (279)	13.44 (341)	22.56 (573)	18 (457)	20 (508)
444	29.4 (747)	76 (1930)	27.5 (699)	66 (1676)	16.5 (419)	6 (152)	0.88 (22)	5 (127)	8 (203)	39.56 (1005)	83 (2108)	27.25 (692)	39 (991)	42.19 (1072)	5	11 (279)	13.44 (341)	22.56 (573)	18 (457)	20 (508)
445	29.4 (747)	76 (1930)	27.5 (699)	66 (1676)	16.5 (419)	6 (152)	0.88 (22)	5 (127)	8 (203)	39.56 (1005)	85 (2159)	27.25 (692)	39 (991)	42.19 (1072)	5	11 (279)	13.44 (341)	22.56 (573)	18 (457)	20 (508)
447	29.4 (747)	86 (1930)	27.5 (699)	76 (1930)	19 (483)	6 (152)	0.88 (22)	5 (127)	8 (203)	39.56 (1005)	88 (2235)	27.25 (692)	39 (991)	42.19 (1072)	5	11 (279)	13.44 (341)	22.56 (573)	18 (457)	20 (508)
449	29.4 (747)	86 (2184)	27.5 (699)	76 (1930)	19 (483)	6 (152)	0.88 (22)	5 (127)	8 (203)	39.56 (1005)	93 (2362)	27.25 (692)	39 (991)	42.19 (1072)	5	11 (279)	13.44 (341)	22.56 (573)	18 (457)	20 (508)

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

SUBMITTAL**AC-543.32B**

JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NO.

DATE:

ENGINEER:

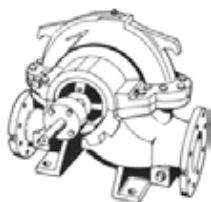
SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:



12X10X17

Series A-C 8100

Base Mounted - Double Suction Centrifugal Pumps

SPECIFICATIONS

FLOW _____ HEAD _____

HP _____ RPM _____

VOLTS _____

CYCLE _____ PHASE _____

ENCLOSURE _____

APPROX. WEIGHT _____

SPECIALS _____

MATERIALS OF CONSTRUCTION

- ☒ Cast Iron Bronze Fitted
- ☒ Fabricated Heavy Duty Baseplate
- ☒ ANSI/OSHA Coupling Guard
- ☒ Flexible Coupling
- ☐ Spacer Coupling (Optional)
- ☐ Galvanized Drip Pan (Optional)

TYPE OF SEAL

☐ **STANDARD:** 175 PSIG (12 Bar) working pressure, 125# ANSI Flange Configuration

☐ **STANDARD:** Crane Type 21, BUNA/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).

☐ **OPTIONAL:** Crane Type 21, EPR/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -20° to 250°F (-29 °C to 121 °C).

☐ **OPTIONAL:** Crane Type 21, EPR/Carbon Tungsten Carbide, 75 psig (5 Bar) maximum suction pressure, from -20° to 250°F (-29 °C to 121 °C).

☐ **OPTIONAL:** 280 PSIG (19 Bar) working pressure, 250# ANSI Flange Configuration

☐ **STANDARD:** Crane Type 1, BUNA/Carbon-Ceramic, 150 psig (10 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).

☐ **OPTIONAL:** 400 PSIG (27 Bar) working pressure, 250# ANSI Flange Configuration

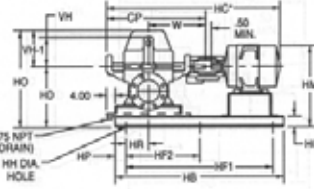
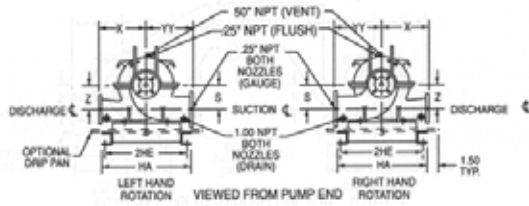
☐ **STANDARD:** Crane Type 1B, BUNA/Carbon-Ceramic, 300 psig (20 Bar) maximum suction pressure, from -20° to 225°F (-29 °C to 107 °C).

☐ **OTHER:**

SERIES A-C 8100

A-C 8100 12X10X17 Centrifugal Pump Submittal

AC-543.32B

FLANGE DIMENSIONS
INCHES

Discharge	Suction
10	12

VH1: 14.94(380)

HQ: HOLES PER SIDE

DIMENSIONS - Inches (mm)

MOTOR FRAME	HA	HB	2HE	HF ₁	HF ₂	HG	HH	HP	HR	CP	HC*	HD	HM*	HO	HQ	S & Z	VH	W	X	YY
324	24 (610)	66 (1676)	22 (559)	54 (1372)	27 (686)	4 (102)	1 (25)	6 (152)	7 (178)	39.56 (1005)	68 (1727)	25.25 (641)	34 (864)	40.19 (1021)	3	11 (279)	13.44 (341)	22.56 (573)	18 (457)	20 (508)
326	24 (610)	66 (1676)	22 (559)	54 (1372)	27 (686)	4 (102)	1 (25)	6 (152)	7 (178)	39.56 (1005)	70 (1778)	25.25 (641)	34 (864)	40.19 (1021)	3	11 (279)	13.44 (341)	22.56 (573)	18 (457)	20 (508)
364	24 (610)	66 (1676)	22 (559)	54 (1372)	27 (686)	4 (102)	1 (25)	6 (152)	7 (178)	39.56 (1005)	71 (1803)	25.25 (641)	34 (864)	40.19 (1021)	3	11 (279)	13.44 (341)	22.56 (573)	18 (457)	20 (508)
365	24 (610)	66 (1676)	22 (559)	54 (1372)	27 (686)	4 (102)	1 (25)	6 (152)	7 (178)	39.56 (1005)	72 (1829)	25.25 (641)	34 (864)	40.19 (1021)	3	11 (279)	13.44 (341)	22.56 (573)	18 (457)	20 (508)
404	29.4 (747)	76 (1930)	27.5 (699)	66 (1676)	16.5 (419)	6 (152)	0.88 (22)	5 (127)	8 (203)	39.56 (1005)	77 (1956)	27.25 (692)	38 (965)	42.19 (1072)	5	11 (279)	13.44 (341)	22.56 (573)	18 (457)	20 (508)
405	29.4 (747)	76 (1930)	27.5 (699)	66 (1676)	16.5 (419)	6 (152)	0.88 (22)	5 (127)	8 (203)	39.56 (1005)	78 (1981)	27.25 (692)	38 (965)	42.19 (1072)	5	11 (279)	13.44 (341)	22.56 (573)	18 (457)	20 (508)
444	29.4 (747)	76 (1930)	27.5 (699)	66 (1676)	16.5 (419)	6 (152)	0.88 (22)	5 (127)	8 (203)	39.56 (1005)	83 (2108)	27.25 (692)	39 (991)	42.19 (1072)	5	11 (279)	13.44 (341)	22.56 (573)	18 (457)	20 (508)
445	29.4 (747)	76 (1930)	27.5 (699)	66 (1676)	16.5 (419)	6 (152)	0.88 (22)	5 (127)	8 (203)	39.56 (1005)	85 (2159)	27.25 (692)	39 (991)	42.19 (1072)	5	11 (279)	13.44 (341)	22.56 (573)	18 (457)	20 (508)
447	29.4 (747)	86 (2184)	27.5 (699)	76 (1930)	19 (483)	6 (152)	0.88 (22)	5 (127)	8 (203)	39.56 (1005)	88 (2235)	27.25 (692)	39 (991)	42.19 (1072)	5	11 (279)	13.44 (341)	22.56 (573)	18 (457)	20 (508)
449	29.4 (747)	86 (2184)	27.5 (699)	76 (1930)	19 (483)	6 (152)	0.88 (22)	5 (127)	8 (203)	39.56 (1005)	93 (2362)	27.25 (692)	39 (991)	42.19 (1072)	5	11 (279)	13.44 (341)	22.56 (573)	18 (457)	20 (508)

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