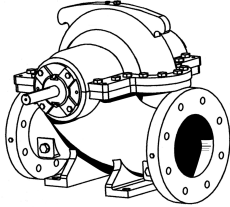


<b>JOB:</b>	<b>REPRESENTATIVE:</b>
<b>UNIT TAG:</b>	<b>ORDER NO.</b>
<b>ENGINEER:</b>	<b>SUBMITTED BY:</b>
<b>CONTRACTOR:</b>	<b>APPROVED BY:</b>
	<b>DATE:</b>
	<b>DATE:</b>
	<b>DATE:</b>



# Series HSC<sup>3</sup>

## Bare Centrifugal Pumps

### Double Suction with Internally Self Flushing Mechanical Seals

**SPECIFICATIONS**

FLOW \_\_\_\_\_ HEAD \_\_\_\_\_  
 HP \_\_\_\_\_ RPM \_\_\_\_\_  
 APPROX. WEIGHT \_\_\_\_\_  
 SPECIALS \_\_\_\_\_  
 \_\_\_\_\_

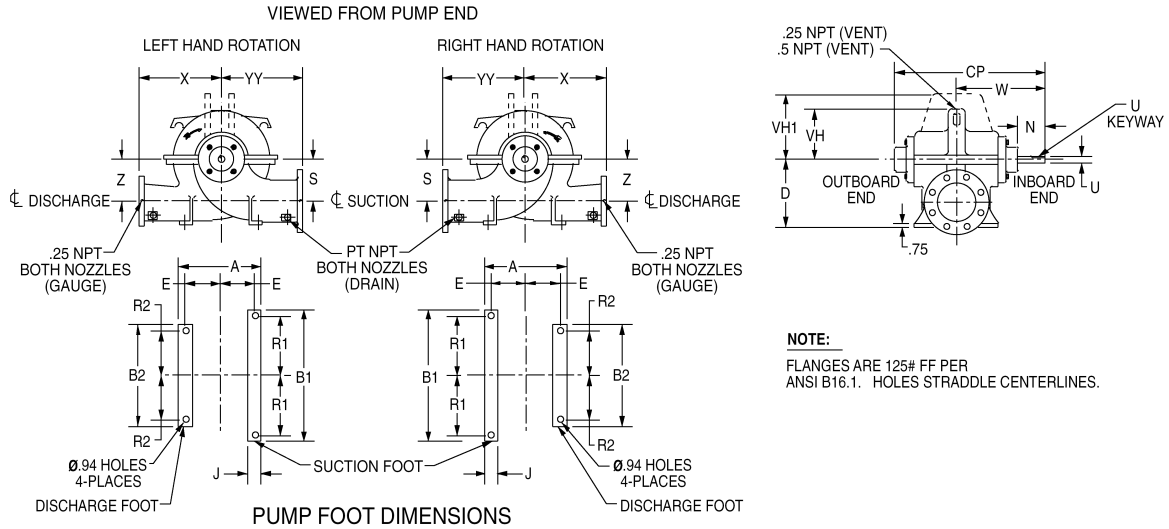
**TYPE OF SEAL**

STANDARD SEAL CONSTRUCTION, 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).

# Series HSC3 Centrifugal Bare Pumps Submittal

B-537B



## DIMENSIONS - Inches (mm)

PUMP SIZE	DISCH	SUCT	A	B <sub>1</sub>	B <sub>2</sub>	E	J	R <sub>1</sub>	R <sub>2</sub>	CP	D	N	PT	S & Z	U	VH	VH <sub>1</sub>	W	X	YY	U-KEYWAY	
																					WIDTH +.002	DEPTH +.015
2X3X11S,L	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)	18.62 (473)	8.00 (203)	4.00 (102)	.75 (19)	5.50 (140)	1.125 (29)	6.8 (173)	-	11.31 (287)	9.00 (229)	10.00 (254)	.25 (6)	.125 (3)
4X6X10A	4.00 (102)	6.00 (152)	13.50 (343)	15.00 (381)	10.00 (254)	6.50 (165)	2.50 (64)	6.50 (165)	4.00 (102)	22.81 (579)	11.00 (279)	4.50 (114)	1.00 (25)	7.00 (178)	1.125 (29)	7.88 (200)	-	13.50 (343)	11.50 (292)	13.00 (330)	.312 (8)	.156 (4)
4X6X10M	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)	22.81 (579)	11.00 (279)	4.50 (114)	1.00 (25)	6.50 (165)	1.375 (35)	7.88 (200)	-	13.50 (343)	11.50 (292)	13.00 (330)	.312 (8)	.156 (4)
4X6X12A	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)	20.62 (524)	12.00 (305)	4.50 (114)	1.00 (25)	7.75 (197)	1.375 (35)	9.2 (234)	-	13.50 (343)	11.50 (292)	13.00 (330)	.312 (8)	.156 (4)
4X6X14A	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)	20.62 (524)	12.00 (305)	4.50 (114)	1.00 (25)	7.75 (197)	1.125 (29)	9.20 (234)	-	12.56 (319)	11.50 (292)	13.00 (330)	.25 (6)	.125 (3)
4X6X14L	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)	20.62 (524)	12.00 (305)	4.50 (114)	1.00 (25)	7.75 (197)	1.125 (29)	9.62 (244)	-	12.56 (319)	11.50 (292)	13.00 (330)	.25 (6)	.125 (3)
6X8X10A	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)	29.19 (741)	14.00 (356)	5.96 (151)	1.00 (25)	8.25 (210)	1.375 (35)	9.25 (235)	-	17.58 (447)	12.50 (318)	12.50 (318)	.312 (8)	.156 (4)
6X8X12S,L,XL	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)	20.62 (524)	14.00 (356)	4.50 (114)	1.00 (25)	9.00 (229)	1.125 (29)	9.6 (244)	-	12.56 (319)	14.00 (356)	14.00 (356)	.25 (6)	.125 (3)
6X8X12M	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)	22.81 (579)	14.00 (356)	4.19 (106)	1.00 (25)	9.00 (229)	1.375 (35)	9.6 (244)	-	13.50 (343)	14.00 (356)	14.00 (356)	.312 (8)	.156 (4)
6X8X13	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)	26.18 (665)	12.75 (324)	5.94 (151)	1.00 (25)	8.00 (203)	1.375 (35)	9.4 (239)	-	16.06 (408)	13.00 (330)	15.50 (394)	.312 (8)	.156 (4)
6X8X17M,L	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)	26.18 (665)	14.00 (356)	5.94 (151)	1.00 (25)	9.00 (229)	1.375 (35)	11.75 (298)	-	16.06 (408)	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)	26.18 (665)	12.75 (324)	5.94 (151)	1.00 (25)	8.00 (203)	1.375 (35)	10.25 (260)	11.75 (298)	16.06 (408)	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)	28.94 (735)	14.50 (368)	6.19 (157)	1.00 (25)	9.50 (241)	1.625 (41)	12.00 (305)	13.50 (343)	17.56 (446)	15.00 (381)	16.50 (419)	.375 (10)	.188 (5)
8X10X12S,L	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)	28.94 (735)	14.25 (362)	6.19 (157)	1.00 (25)	8.50 (216)	1.625 (41)	10.50 (267)	12.00 (305)	17.56 (446)	14.00 (356)	17.00 (432)	.375 (10)	.188 (5)
8X10X17S,L	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)	28.94 (735)	16.00 (406)	6.19 (157)	1.00 (25)	10.00 (254)	1.625 (41)	12.81 (325)	14.31 (363)	17.56 (446)	16.00 (406)	18.00 (457)	.375 (10)	.188 (5)
8X10X20S,L	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)	28.94 (735)	20.00 (508)	6.19 (157)	1.00 (25)	14.00 (356)	1.625 (41)	15.44 (392)	22.25 (565)	17.56 (446)	18.19 (462)	20.19 (513)	.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)	31.94 (811)	14.75 (375)	6.19 (157)	1.00 (25)	9.00 (229)	1.625 (41)	11.19 (284)	-	19.06 (484)	16.00 (406)	18.00 (457)	.375 (10)	.188 (5)
10X12X12M,XL	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)	31.94 (811)	16.75 (425)	6.19 (157)	1.00 (25)	10.00 (254)	1.625 (41)	11.50 (292)	-	19.06 (484)	16.00 (406)	19.00 (483)	.375 (10)	.188 (5)
10X12X14	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)	28.94 (735)	18.00 (457)	6.19 (157)	1.00 (25)	11.00 (279)	1.625 (41)	13.44 (341)	14.94 (379)	17.56 (446)	18.00 (457)	20.00 (508)	.375 (10)	.188 (5)
10X12X17	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)	28.94 (735)	18.00 (457)	6.19 (157)	1.00 (25)	11.00 (279)	1.625 (41)	13.44 (341)	14.94 (379)	17.56 (446)	18.00 (457)	20.00 (508)	.375 (10)	.188 (5)

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

ITT  
8200 N. Austin Avenue  
Morton Grove, IL 60053  
Phone (847)966-3700  
Facsimile (847)966-9052  
www.bellgossett.com

