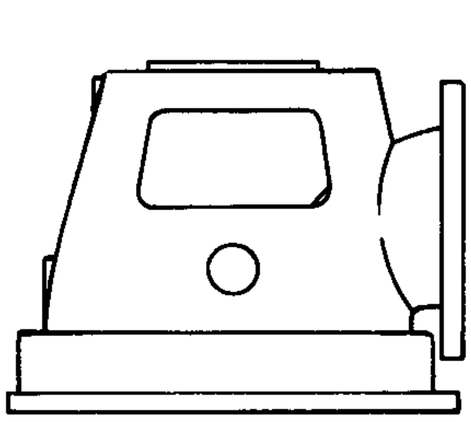
DISCHARGE HEAD DIMENSIONS



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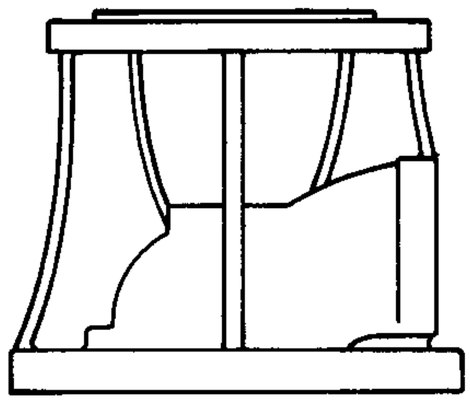

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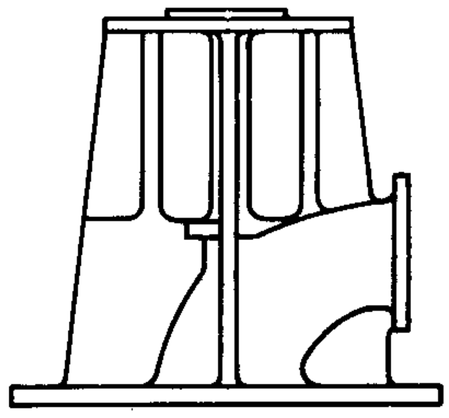
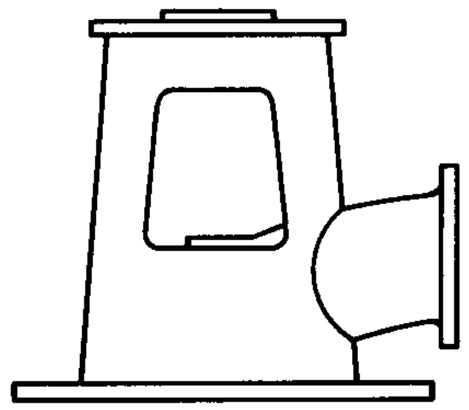


FCL, GCL



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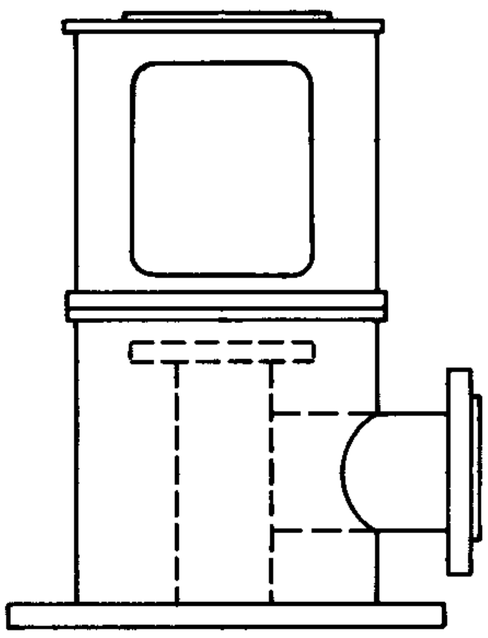
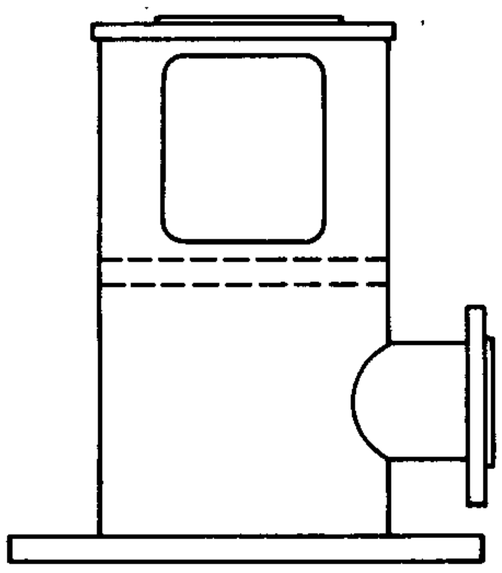


L STYLE I



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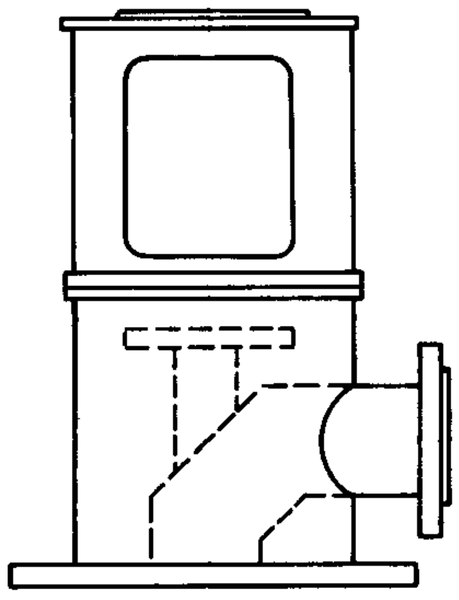

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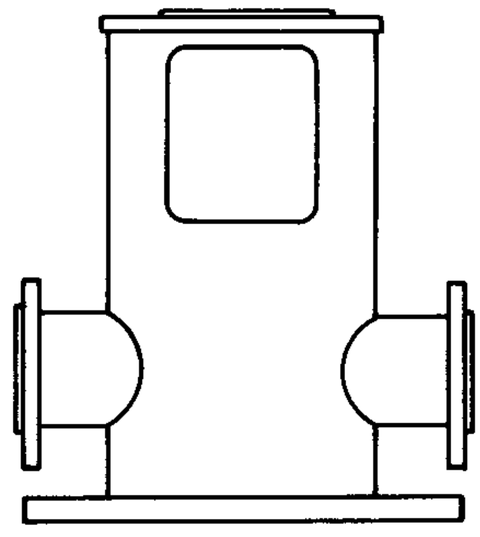
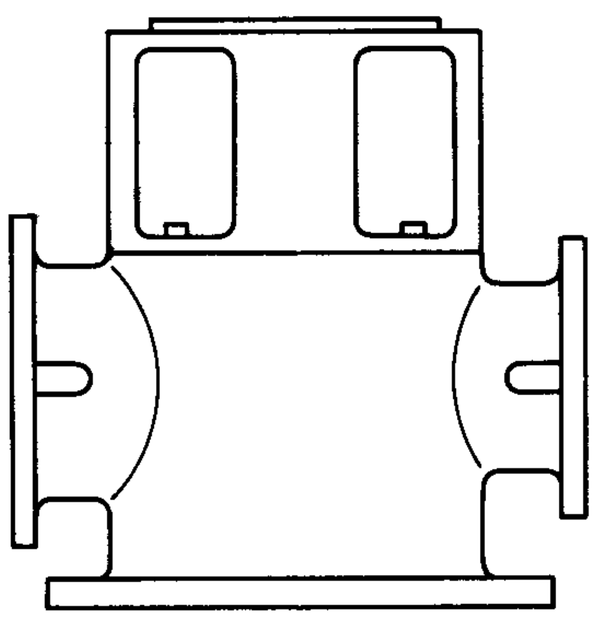


T STYLE



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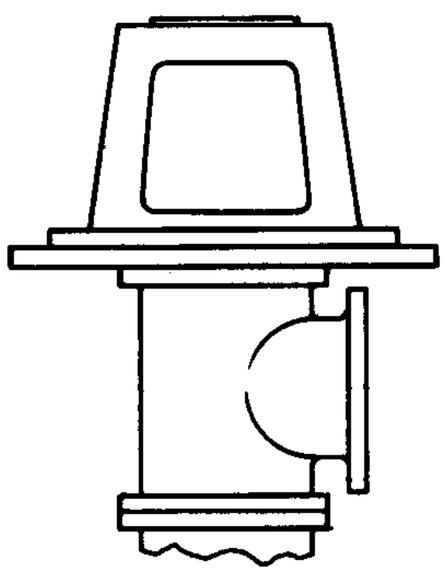
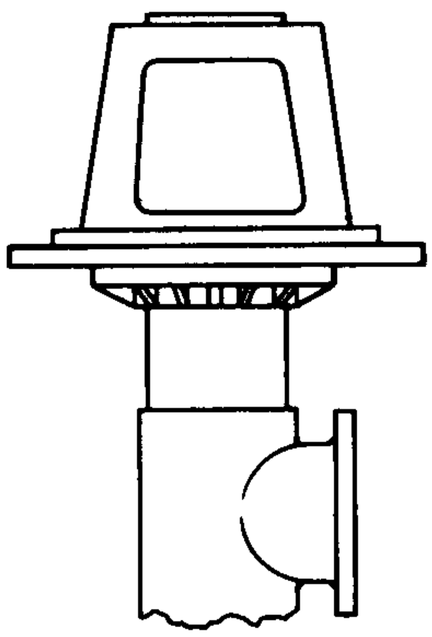
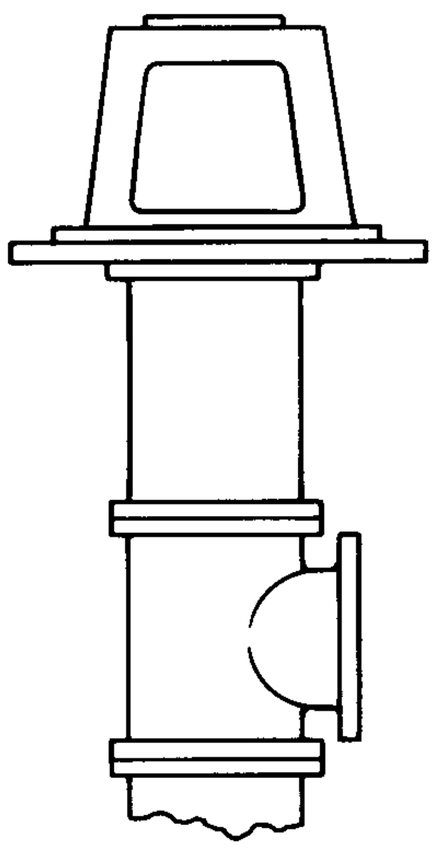


STYLE A



STYLE B



STYLE C

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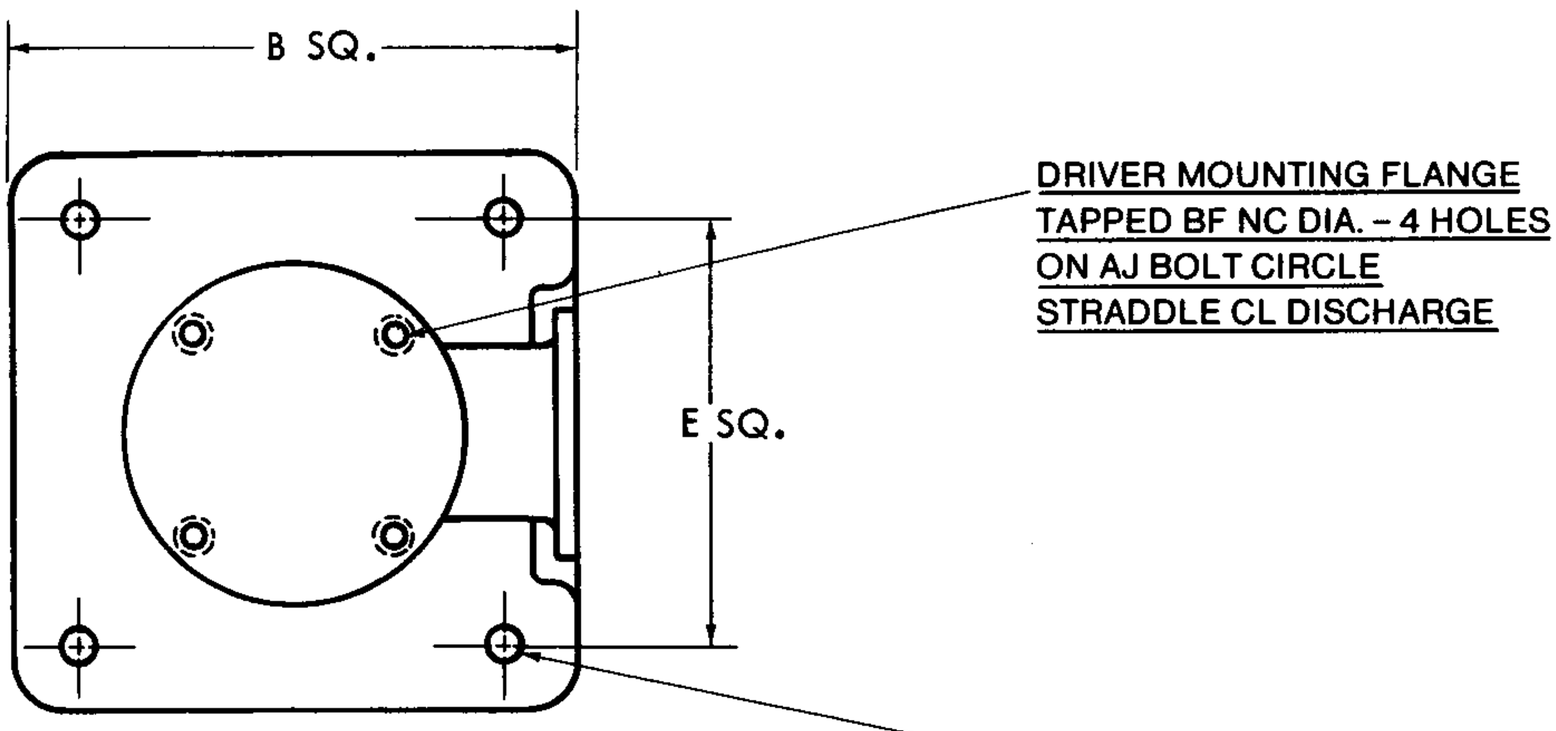
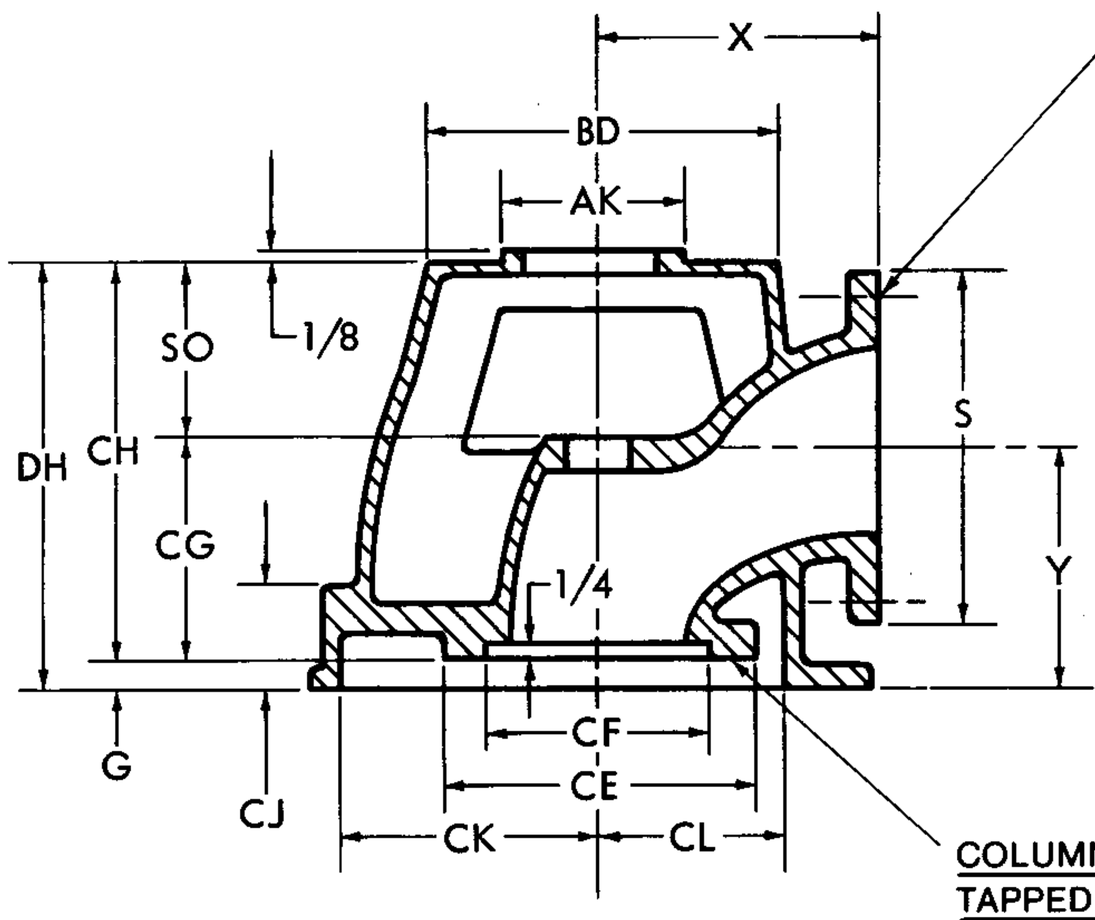
Verti-Line ENGINEERING DATA

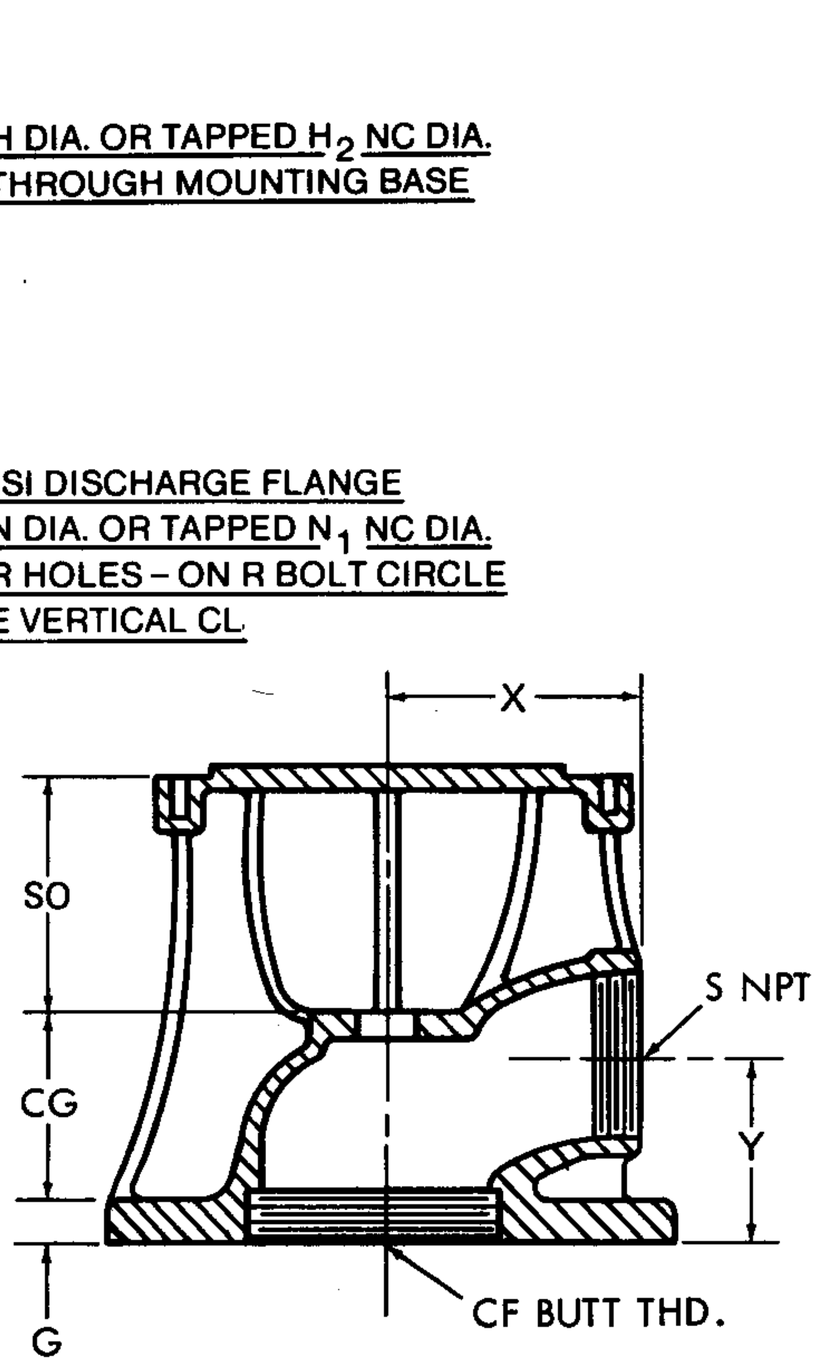
AC-R-SURFACE DISCHARGE HEAD DIMENSIONS
125# A.N.S.I. DISCHARGE FLANGE



MOUNTING BASE



ARMORCLAD LINE (AC)



RANCHER LINE (R)

(1) 10AC6 through 2025AC12 head bases are drilled for anchor bolts. Tapped holes for levelling screws must be specified on factory order.
(2) 25AC12 through 25AC14 head bases are tapped for levelling screws. Drilled holes must be specified on factory order.
(3) 17R head bases are furnished without anchor or levelling screw holes. Drilled holes for anchor bolts must be specified on factory order but tapped holes for levelling screws cannot be furnished.
(4) 10X3 head base is drilled for anchor bolts. Tapped holes for levelling screws cannot be furnished.
(5) S dimension for armorclad line of heads is outside diameter of 125 lb. ANSI flange while S for rancher and 10X3 heads represents nominal size of NPT tap.
(6) CF dimension for armorclad heads is diameter of the column head flange register. CF for the rancher and 10X3 heads represents nominal pipe size of column butt thread.

AC-R-SURFACE DISCHARGE HEAD DIMENSIONS
125# A.N.S.I. DISCHARGE FLANGE

DATED **APRIL 1984**
SUPERSEDES PAGE 157
DATED FEBRUARY 1977

HEAD SIZE	B	E	G	H	H_2	N	N_1	P	R	S	X	Y	AJ	AK
10X3	13	10	1-1/2	5/8						3	6	3-1/2	9-1/8	8.245
10AC6	14	10-1/2	2-5/8	7/8	1		3/4	8	9-1/2	11	7	7	9-1/8	8.245
12AC8	17	13	2-5/8	1	1-1/8	7/8		8	11-3/4	13-1/2	11	8	9-1/8	8.245
17R6	18	14	1-7/8	3/4						6	8-1/2	7-1/2	14-3/4	13.495
17R8	18	14	1-7/8	3/4						8	8-1/2	7-1/2	14-3/4	13.495
17AC8	22	17	2-1/2	1	1-1/8	7/8		8	11-3/4	13-1/2	13	8	14-3/4	13.495
17AC10	22	17	2-1/2	1	1-1/8	1		12	14-1/4	16	13	10	14-3/4	13.495
20AC10	26	20	2-5/8	1	1-1/8	1		12	14-1/4	16	13	10	14-3/4	13.495
20AC12	26	20	3-1/2	1	1-1/8	1		12	17	19	13	12	14-3/4	13.495
2025AC10	26	20	2-3/4	1	1-1/8	1		12	14-1/4	16	13	10	14-3/4	13.495
2025AC12	26	20	3-1/2	1	1-1/8	1		12	17	19	13	12	14-3/4	13.495
25AC12	33	24	3-1/2	1-3/32	1-1/4	1		12	17	19	17	12	14-3/4	13.495
25AC14	32	25	3-1/2	1-3/32	1-1/4	1-1/8		12	18-3/4	21	16	13	14-3/4	13.495
31AC16	42	32	3-3/4	1-3/32	1-1/4		1	16	21-1/4	24	21	17	26	21.995

HEAD SIZE	BD	BF	CA	CB	CD	CE	CF	CG	CH	CJ	CK	CL	DH	SO
10X3	10	3/8				4-1/2	3	4	8-1/2	1-3/4	6-1/8	6-1/8	10	4-1/2
10AC6	10	3/8	5/8	8	8-1/2	10	7.000	6	10-3/8	4	6-3/8	6-3/8	13	4-3/8
12AC8	12-1/2	3/8	5/8	12	12	13-1/2	10.000	7-1/2	12-3/8	4	8	6-3/4	15	4-7/8
17R6	16-1/2	5/8	5/8			7-5/8	6	7-3/8	17-1/8	3-1/8	8-5/8	8-5/8	19	9-3/4
17R8	16-1/2	5/8				9-5/8	8	7-3/8	17-1/8	3-1/8	8-5/8	8-5/8	19	9-3/4
17AC8	17	5/8	5/8	12	12	13-1/2	10.000	7	12-1/2	4	10-3/8	8-1/8	15	5-1/2
17AC10	17	5/8	5/8	12	13-1/2	15-1/2	11.500	11	16-1/2	4	10-3/8	8	19	5-1/2
20AC10	20	5/8	5/8	12	13-1/2	15-1/2	11.500	8-3/8	15-3/8	5	12-1/4	9-3/8	18	7
20AC12	20	5/8	7/8	12	15-1/4	17	13.000	12-3/8	18-1/2	5	12-1/4	9-3/4	22	6-1/8
2025AC10	24-1/2	5/8	5/8	12	13-1/2	15-1/2	11.500	8-1/4	15-3/8	5	12-1/4	9-3/8	18-1/8	7-1/8
2025AC12	24-1/2	5/8	7/8	12	15-1/4	17	13.000	12-3/8	18-5/8	5	12-1/4	9-3/4	22-1/8	6-1/4
25AC12	25	5/8	7/8	12	15-1/4	17	13.000	11-5/8	18-1/2	6	15-5/8	12-3/8	22	6-7/8
25AC14	25	5/8	1	12	20	22-1/2	16.500	14-1/2	21-1/2	5	15-1/4	12-1/2	25	7
31AC16	31	3/4	1	12	20	22-1/2	16.500	18	26-1/4	7	20	20	30	8-1/4

HEAD SIZE	DISCHARGE AND MAXIMUM COLUMN FLANGE SIZE	SHAFT CENTERING REGISTER	TUBE SIZE AVAILABLE		TOP SHAFT SIZE AVAILABLE	
			MIN	MAX	MIN	MAX
10X3	3 NPT	—	—	—	—	—
10AC6	6	3.0	1-1/2	2	3/4	1-3/16
12AC8	8	4.5	1-1/2	3	3/4	1-15/16
17R6	6 NPT	3.0	1-1/2	2	3/4	1-3/16
17R8	8 NPT	3.0	1-1/2	2	3/4	1-3/16
17AC8	8	4.5	1-1/2	3	3/4	1-15/16
17AC10	10	4.5 6.0	1-1/2	3-1/2	3/4	2-3/16
20AC10	10	4.5 6.0	1-1/2	3-1/2	3/4	2-3/16
20AC12	12	4.5 6.0	1-1/2	3-1/2	3/4	2-3/16
2025AC10	10	4.5 6.0	1-1/2	3-1/2	3/4	2-3/16
2025AC12	12	4.5 6.0	1-1/2	3-1/2	3/4	2-3/16
25AC12	12	6.0 8.0	2-1/2	5	1-1/2	3-1/4
25AC14	14	6.0 8.0	2-1/2	5	1-1/2	3-1/4

Maximum shaft size refers to outside mounted mechanical seal.

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