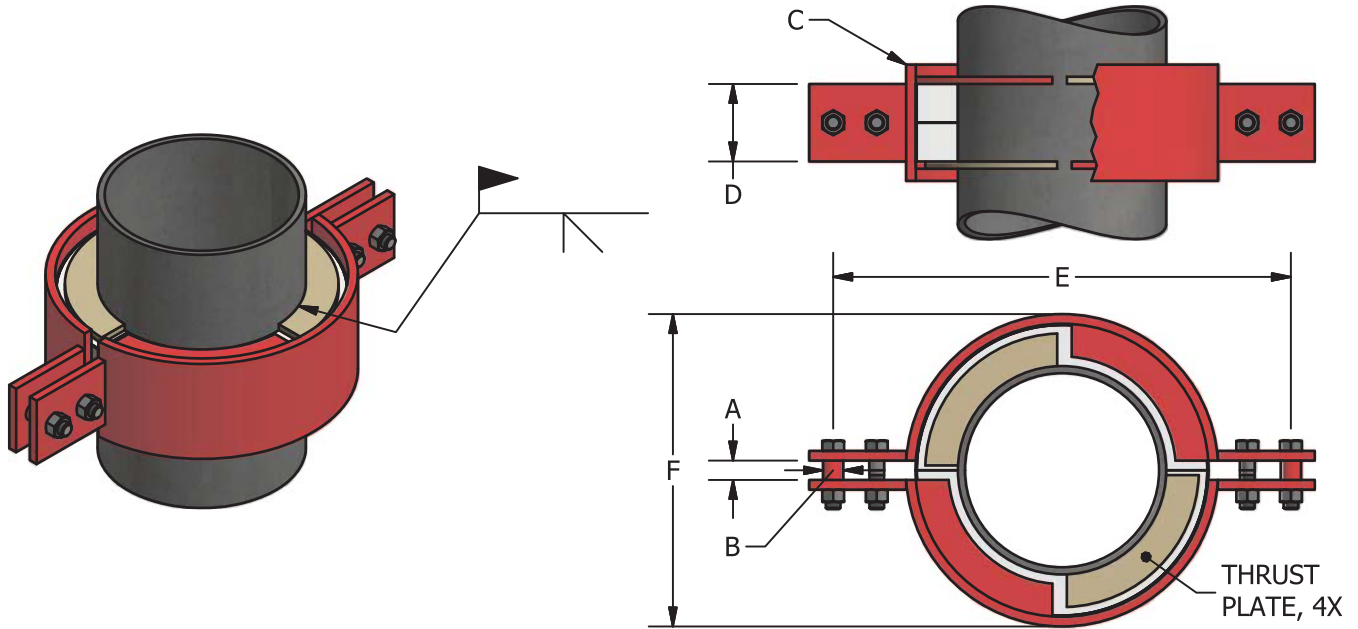




FIG. NR20

Pre-Insulated Pipe Riser Clamp
For Upward and Downward Riser Loads



Ordering: Fig. NR20 - (Pipe Size) x (Insulation Thickness)-(Finish) e.g. NR20-3x1-P

PIPE SIZE	VERT. LOAD	A	B	C	D	INS. THK. = 1"		INS. THK. = 1 1/2"		INS. THK. = 2"		INS. THK. = 2 1/2"		INS. THK. = 3"		INS. THK. = 4"	
						E	F	E	F	E	F	E	F	E	F	E	F
2"	750	0.63	1.05	1/2 x 4	2	12.38	5.63	13.5	6.69	14.5	7.75	15.5	8.75	16.5	9.75	18.63	11.88
2 1/2"	900	0.63	1.05	1/2 x 4	2	12.88	6.13	14.25	7.75	15.5	8.75	16.5	9.75	17.5	10.75	19.63	12.88
3"	1200	0.63	1.05	1/2 x 4	2	13.5	6.69	14.5	7.75	15.5	8.75	16.5	9.75	17.5	10.75	19.63	12.88
4"	1800	0.63	1.05	1/2 x 4	2	14.5	7.75	15.5	8.75	16.5	9.75	17.63	10.75	18.63	11.88	20.63	13.88
5"	2400	0.63	1.05	1/2 x 4	2	15.5	8.75	16.5	9.75	17.5	10.75	18.63	11.88	19.63	12.88	21.88	15.13
6"	3000	0.88	1.05	1/2 x 6	4	16.5	9.75	17.63	10.75	18.63	11.88	19.63	12.88	20.63	13.88	22.88	16.13
8"	3900	0.88	1.05	1/2 x 6	4	18.63	11.88	19.63	12.88	20.63	13.88	21.75	15.13	22.88	16.13	24.88	18.13
10"	4800	1.13	1.05	1/2 x 6	4	21.38	13.88	22.5	15.13	23.63	16.13	24.63	17.13	25.63	18.13	27.63	20.13
12"	6800	1.13	1.315	1/2 x 8	6	23.88	16.13	24.88	17.13	25.88	18.13	26.88	19.13	27.88	20.13	29.88	22.13
14"	8000	1.13	1.315	1/2 x 8	6	24.88	17.13	25.88	18.13	26.88	19.13	27.88	20.13	28.88	21.13	30.88	23.13
16"	9200	1.13	1.315	5/8 x 8	6	27.38	19.38	28.38	20.38	29.38	21.38	30.38	22.38	31.38	23.38	33.38	25.38
18"	10000	1.13	1.315	5/8 x 8	6	29.38	21.38	30.38	22.38	31.38	23.38	32.38	24.38	33.38	25.38	35.38	27.38
20"	10800	1.13	1.315	5/8 x 8	6	31.38	23.38	32.38	24.38	33.38	25.38	34.38	26.38	35.38	27.38	37.38	29.38
24"	11200	1.13	1.66	5/8 x 8	6	36.38	27.38	37.38	28.38	38.38	29.38	39.38	30.38	40.38	31.38	42.38	33.38

<p>Applications:</p> <ul style="list-style-type: none"> Provides vertical support to upward and downward riser loads Designed for use on: Chilled Water Hot Water Steam Installation: welded to a flat surface or rigidly braced Temperature Range: +20°F to +1200°F Vertical Load ratings do not include local stress evaluation at thrust plate/pipe wall interface. Contact factory for assistance. 	<p>Features:</p> <ul style="list-style-type: none"> Provides continuous, zero permeability vapor barrier Structural insulation for load transfer ASTM E-84 Flame Spread/Smoke Developed: 10/20 Thermal Conductivity 0.61 Btu•in/(hr•ft²•°F) @ 200°F Insulation chemically bonded Four thrust plates shipped loose for field welding Outside hanger bolt is offset to accommodate weldless eye nut on sizes 6" and above. See National Pipe Hanger Corporation's Pipe Hangers and Supports Catalog for hardware and upper attachments. 	<p>Material Data:</p> <p>Insulation: Calcium Silicate meeting ASTM C-585 and C-656 Type II Grade 6 900 psi, 28 pcf other insulation materials, Page 34</p> <p>Base/Clamp: ASTM A-36 Carbon Steel</p> <p>Fasteners: ASTM A-307 Electro-Galv. Plated</p> <p>Shield: ASTM A-653 G-90, 18 ga Galv. Steel</p> <p>Vapor Barrier: ASTM E-96 All Service Jacket</p> <p>Finishes: (H) Hot-Dip Galv. per ASTM A-123 (P) Painted Red Shop Primer (B) Unfinished</p>
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