



Contact factory for other dimensional, temperature, load, or axial travel, requirements.

The load ratings represent average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. Dimensions and ratings are subject to change without notice.

Note: For greater axial travel, see: B6300 - For lateral restraint, see: B3300 - For lateral travel, see: B1300

Pipe Size	Vert. Load	Insul. Thk. = 1" L = +/- 1-1/2			Insul. Thk. = 1-1/2" L = +/- 1-3/4			Insul. Thk. = 2" L = +/- 2			Insul. Thk. = 2-1/2" L = +/- 2-1/4			Insul. Thk. = 3" L = +/- 2-1/2			Insul. Thk. = 4" L = +/- 3			Insul. Thk. = 5" L = +/- 3-1/2		
		B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E
1/2	550	4	5.25	3.375	4	6.25	4.5	4	7.25	5.5	4	8.75	7.125	6	9.75	8.125	6	11.75	10.125	8	13.75	12.25
3/4	700	4	5.25	3.375	4	6.25	4.5	4	7.25	5.5	4	8.75	7.125	6	9.75	8.125	6	11.75	10.125	8	13.75	12.25
1	900	4	5.75	4	4	6.75	5	4	7.75	6.062	4	8.75	7.125	6	9.75	8.125	6	11.75	10.125	8	13.75	12.25
1 1/2	1300	4	6.25	4.5	4	7.25	5.5	4	8.75	7.125	4	9.75	8.125	6	10.75	9.125	6	12.75	11.25	8	14.75	13.25
2	1500	4	6.75	5	4	7.75	6.0625	4	8.75	7.125	4	9.75	8.125	6	10.75	9.125	6	12.75	11.25	8	14.75	13.25
2 1/2	1800	4	7.25	5.5	4	8.75	7.125	4	9.75	8.125	4	10.75	9.125	6	11.75	10.125	6	13.75	12.375	8	15.75	14.625
3	2100	4	7.75	6.187	4	8.75	7.125	4	9.75	8.125	4	10.75	9.125	6	11.75	10.125	6	13.75	12.375	8	15.75	14.625
4	3350	4	8.25	7.25	4	9.25	8.25	4	10.25	9.25	4	11.25	10.25	6	12.25	11.375	6	14.25	13.375	8	16.25	15.625
5	4200	4	9	8.5	4	10	9.5	4	11	10.5	4	12	11.625	6	13	12.625	6	15	14.875	8	17	16.875
6	5100	4	9.5	9.5	4	10.5	10.5	4	11.5	11.625	4	12.5	12.625	6	13.5	13.625	6	15.5	15.875	8	17.5	17.875
8	6800	4	10.5	11.625	4	11.5	12.625	4	12.5	13.625	4	13.5	14.875	6	14.5	15.875	6	16.5	18.125	8	18.5	20.125
10	8000	4	11.5	13.875	4	12.5	15.125	4	13.5	16.125	4	14.5	17.125	6	15.5	18.125	6	17.5	20.125	8	19.5	22.125
12	8800	4	12.5	16.125	4	13.5	17.125	4	14.5	18.125	4	15.5	19.125	6	16.5	20.125	6	18.5	22.125	8	20.5	24.125
14	10000	4	13	17.125	4	14	18.125	4	15	19.125	4	16	20.125	6	17	21.125	6	19	23.125	8	21	25.125
16	11600	4	14	19.375	4	15	20.375	4	16	21.375	4	17	22.375	6	18	23.375	6	20	25.375	8	22	27.375
18	12800	4	15	21.375	4	16	22.375	4	17	23.375	4	18	24.375	6	19	25.375	6	21	27.375	8	23	29.375
20	13600	4	16	23.375	4	17	24.375	4	18	25.375	4	19	26.375	6	20	27.375	6	22	29.375	8	24	31.375
24	14400	4	18.5	27.375	4	19.5	28.375	4	20	29.375	4	21	30.375	6	22	31.375	6	24	33.375	8	26	35.375
30	18800	4	23.5	33.625	4	24	34.625	4	25	35.625	4	25.5	36.625	6	26	37.625	6	27.5	39.625	8	29	41.625
36	22000	4	27.5	40.125	4	28.5	41.125	4	29	42.125	4	29.5	43.125	6	30.5	44.125	6	32	46.125	8	33.5	48.125
42	24800	4	32	46.125	4	32.5	47.125	4	33.5	48.125	4	34	49.125	6	34.5	50.125	6	36	52.125	8	37.5	54.125

**Application:**

Model B5300 is designed for use on:

- Hot Water
- Vacuum
- Gas
- Cold Water
- Steam
- Air
- Dual Temperature
- Chilled Water

Intended for installation on:

- Flat Surfaces

**Temperature Range: +40°F to +1200°F**

Note: Up to 1700° F available upon request.

**Features:**

- All pipe sizes
- Easy Installation
- Eliminates welding to pipe
- Overlapping galvanized sheet metal jacket
- Insulating structural inserts for load transfer
- Stainless steel to UHMW polyethylene slide
- Other I.D.'s and/or O.D.'s available on request
- Factory mounted polyethylene slide pad on steel mounting plate

Performance Test Results on File:  
Available upon request.

**Material Data:**

- **B5300:** Applicable PSI spec. doc.: No. 209.
- **Insulation:** Calcium Silicate asbestos-free, treated with water repellent.
- **Jackets:** Galvanized Steel ASTM A-527.
- **Glue:** Industrial contact adhesive
- **Structural Inserts:** High-density calcium silicate asbestos free, treated with water repellent.
- **Steel Straps/Base:** Carbon Steel ASTM A-36.
- **Fasteners:** ASTM A-307 plated.
- **Slide Pad:** UHMW Polyethylene (Teflon Optional).
- **Coating:** Primer coated or hot dipped galvanized. Other coatings available upon request.

Formal Submittal Sheets available.