

Fig. 82, C-82

Short Spring Hangers

Fig. 82 Type A

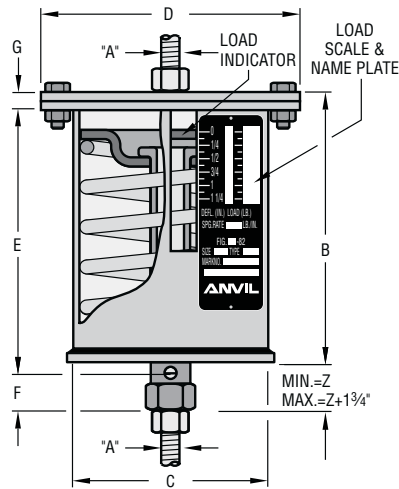


Fig. 82 Type B

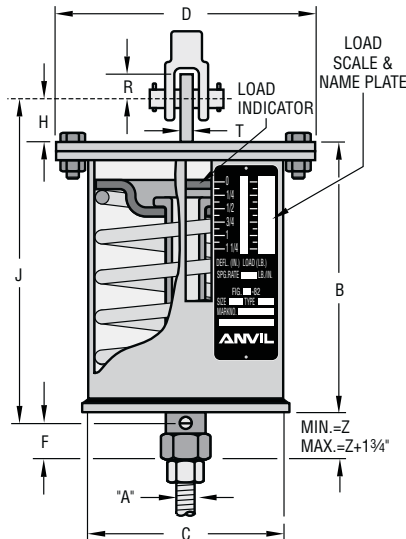


Fig. 82 Type C

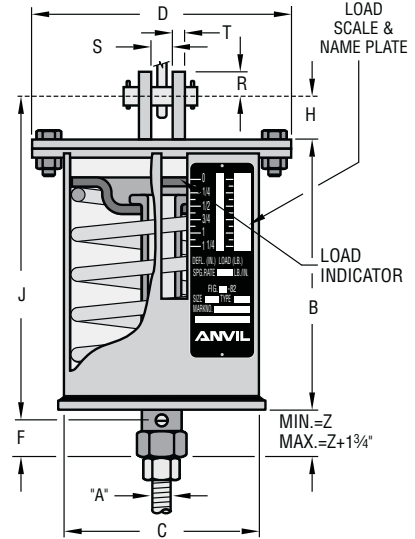


Fig. 82 Type D

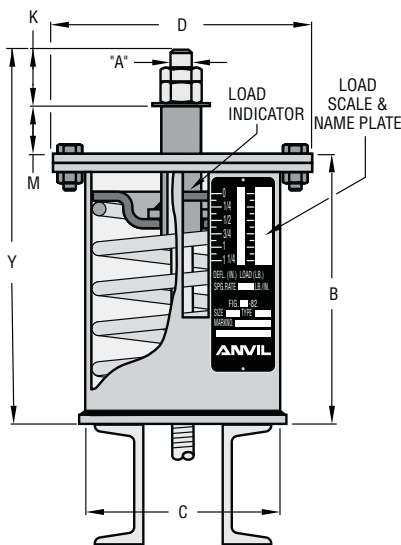


Fig. 82 Type E

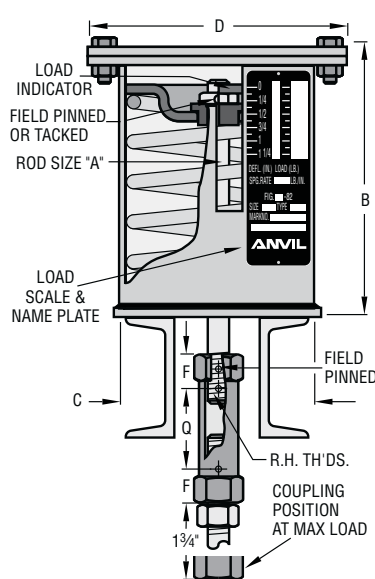


Fig. 82 Type F

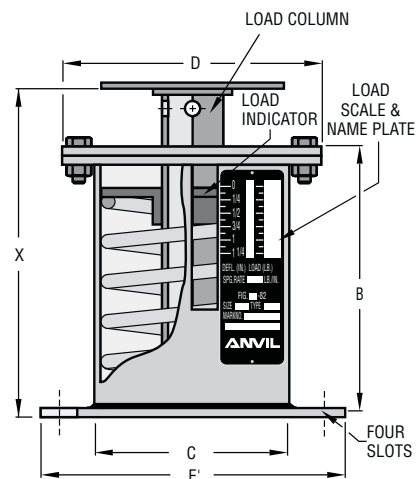
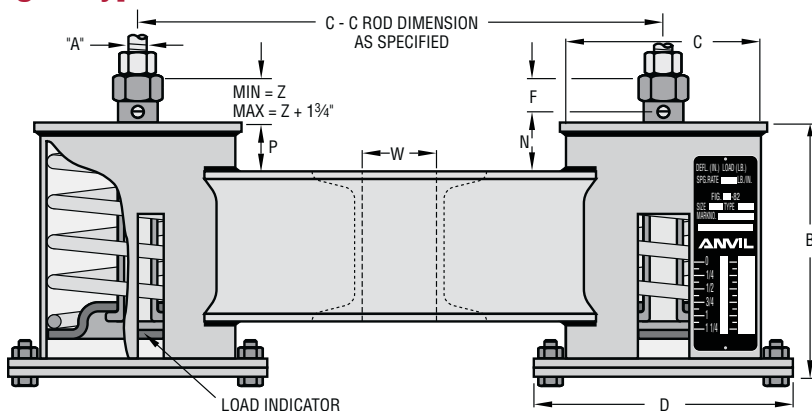


Fig. 82 Type G



The Anvil variable short spring hanger, Fig. 82, embodies all of the Fig. B-268 features and is designed to the same exacting specifications. This is useful in confined areas where thermal movement of the piping is relatively small. The minimum and maximum loads for the individual sizes of the Fig. 82 are exactly the same as those for the Fig. B-268. This hanger is offered in the seven basic types as shown here. The load table and instructions for sizing and ordering this hanger are found on page 162 through 165.

SPRING HANGERS

FIG. 82, C-82 SHORT SPRING: DIMENSIONS (IN) • WEIGHT (LBS)

Hanger Size	Rod Size A	R. H. Thread Length	Casing		Flange Dia. D	Min Thread Engage F	Z	Rod Take Out By Type				Type A	Types B, C					Type D			
			Length B	Dia. C				A	B,C	E	G		Thread Depth G	Lug Hole Size	Pin Hgh H	R	Clevs Open-ing S	Thk. T	Rod Length Y	Nut Allow. K	Height Spacer M
0							15/16	45/16	6 1/4		1								7 1/2		
1	1/2	3	4 3/4	4	5 1/8	15/16	11/16	4 1/16	6	2 1/8	3/4	7/16	1 1/16	1 1/2	1 1/4	7/8	1/4	7 3/4	1 1/4	1 3/4	
2			5 3/8				1 1/16	5 1/16	7		1 1/8							8 3/8			
3	1/2	3	5 1/4	5 9/16	6 15/16	15/16	9/16	4 7/16	6 3/8	2 1/8	5/8	7/16	1 1/16	1 1/2	1 1/4	7/8	1/4	7 7/8	1 1/4	1 3/4	
4			5 1/4				1 3/16	5 1/16	7		1 1/4							8 1/4			
5			5 3/8				1 1/16	5 1/16	7		1 1/8							8 5/8			
6	5/8	3	5 13/16	6 5/8	8 3/8	15/16	13/16	5 1/16	7 3/16	2 1/8	1 1/8	5/8	13/16	1 1/2	1 1/4	1 1/16	1/4	9 1/16	1 1/2	1 3/4	
7			6 1 1/16				1 1/16	6 3/16	8 5/16		2 1/8							2 1/8			9 1 1/16
8							13/16	5 5/16	8 1/16		1 1/8							9 5/16			
9	3/4	4	7 1/4	8 5/8	10 3/4	1 1/4	1 1/8	6 1/8	8 5/8	2	1 7/8	1	15/16	1 1/2	1 1/4	1 1/4	3/8	11 1/4	1 3/4	1 3/4	
10			8 1/4				1 3/8	7 3/8	9 7/8		2 2/8							11 3/4			
11			7 1/4				1 3/16	6 3/16	8 1 1/16		1 15/16							10 7/16			
12	1	4	7 1/4	8 5/8	10 3/4	1 1/4	7/8	6 3/16	8 1 1/16	2	1 1/8	1	1 1/4	2	1 1/2	1 5/8	1/2	11 1/4	2 1/4	1 3/4	
13			8 3/4				1	7 3/8	10 3/8		2 3/4							12 5/8			
14	1 1/4		8 7/8				3/4	7 3/8	11 3/8		2 1/2		1 1/2	3	2	2	5/8	13 3/8	3		
15	1 1/4	4	8 7/8	8 5/8	10 3/4	1 1/4	3/4	7 3/8	11 3/8	2	2 1/2	1	1 1/2	3	2	2	5/8	14 1/8	3	1 3/4	
16	1 1/2	5	10 5/8				11 3/8	1 15/16	2		9 5/16							13 11/16			6
17	1 3/4	6	11 1/8					10 9/16	14 5/16		2 1/16		2					17 5/8	4		
18	2	7	13	12 3/4	15 7/8	2 3/4	2 1/2	10 11/16	16 13/16	6	7/16	2 1/4	2 3/8	4	3	2 7/8	3/4	19 3/16	4 9/16	1 3/4	
19	2 1/4	14	2 3/16				11 3/4	18 3/8	1		1 1/8							20 3/8			
20	2 1/2	8	16 1/8				2 1/16	14	20 7/8		1 1/8		2 7/8	4 1/2	4	3 3/8	1	23 3/16	5 9/16		
21	2 3/4	9	18	12 3/4	16 7/8	3 5/8	2 3/4	13 5/8	20 7/8	7	3/8	2 3/4	3 1/8	4 1/2	4	3 5/8	1	25	6 1/4	1 1/4	
22	3	10	22 1/4										17 5/8	25 3/8		2 3/8	3	3 3/8	5	4	3 7/8

Hanger Size	Type F								Type G				Weight								
	E' Bottom Flange		Bottom Flange		Load Col. Dia.	Load Flange		Length X ■		Channel Size (lbs/ft)	Max C-C	Space Between Channels - W	P	Type							
	Size Sq.	Bolt Circle		Bolts		Thick	Dia.	Thick	Min					Max	A,B,C	D,E	F	G*			
		Min	Max																		
0																		6	5	11	27
1	7 1/2	7	8 3/4	5/8	1/4	1.900	3 7/8	3 1/16	6 5/16	6 13/16	C3 x 4.1	24	5/8	3/4	7	6	11	29			
2									6 15/16	7 7/16					8	7	12				
3	7 1/2	7	8 3/4	3/4	1/4	2.875	5 5/8	3 1/16	6 7/8	7 7/8	C3 x 4.1	30	3/4	3/4	11	10	10	33			
4									7	7 1/2					12	11	20	35			
5									7	7 1/2					13	12	21	36			
6	9	8	10 7/8	3/4	3/8	3.50	6 3/8	1/4	7 1/2	8	C3 x 4.1	36	1	3/4	20	19	33	51			
7									8 3/8	8 7/8					23	22	35	57			
8															24	23	36	59			
9	13 1/4	10 1/16	16 1/2	3/4	1/2	4.50	8 3/8	1/2	8 15/16	9 15/16	C4 x 5.4	36	1 1/4	1	56	52	78	125			
10									9 15/16	10 15/16					62	58	84	137			
11									8 15/16	9 15/16					55	51	76	121			
12	13 1/4	10 1/16	16 1/2	3/4	1/2	4.50	8 3/8	1/2	8 15/16	9 15/16	C5 x 6.7	36	1 1/2	1	58	53	78	132			
13									10 7/16	11 7/16					69	63	81	154			
14									10 9/16	11 9/16	C6 x 10.5	33	1 1/2	1	72	55	91	159			
15	4.50	10 9/16	11 9/16	88	79	100	198														
16	13 1/4	10 1/16	16 1/2	3/4	1/2	2.00	8 3/8	1/2	12 5/8	13 5/8	C8 x 11.5	36	2 1/8	1	102	91	112	230			
17									13 3/8	14 3/8					120	105	126	266			
18	17 1/4	15 3/4	22	3/4	5/8	2.50	12 1/2	1/2	15 1/16	16 1/16	-	-	-	-	259	226	270	-			
19									16 1/16	17 1/16	-	-	-	-	286	246	275	-			
20									18 3/16	19 3/16	-	-	-	-	350	302	344	-			
21									20 1/8	21 1/8	-	-	-	-	401	339	348	-			
22									24 3/8	25 3/8	-	-	-	-	490	431	443	-			

■ Hanger take-out or installed height. With pipe movement up, cold to hot, installed height should be the mid point between the minimum and maximum "X" dimension, plus thickness of load flange. With pipe movement down, cold to hot installed height should be mid-point between the minimum and maximum "X" dimension, plus the amount of vertical movement and load flange thickness. (Type F only).
 * Weight based on 24" center-to-center dimension. See page 170 for Type F roller and guided load column information.
 Attachment rods and nuts not furnished.

