

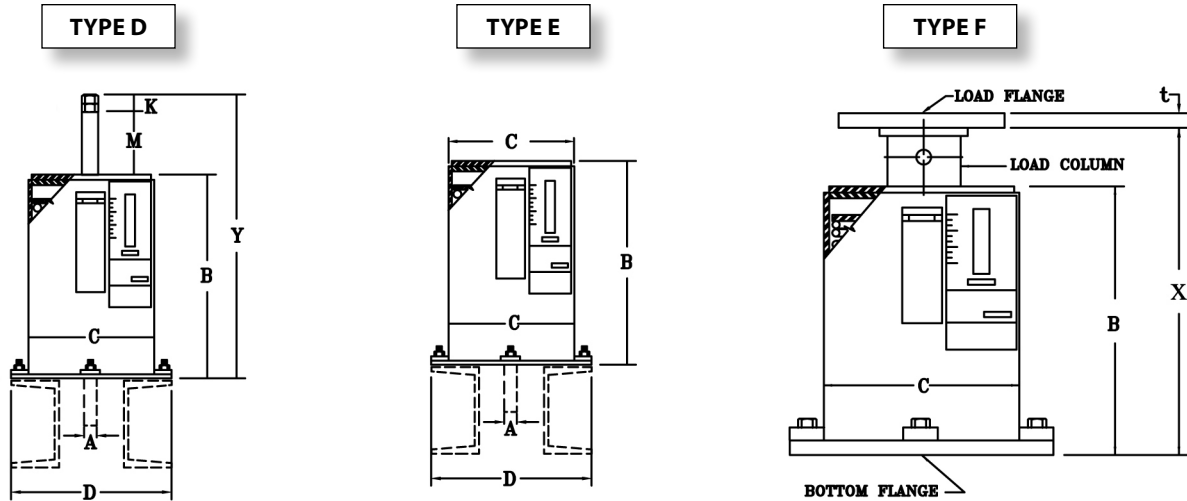


FIG. PTP-1

SHORT VARIABLE SPRINGS

ENGINEERED SPRING SUPPORTS

www.pipingtech.com/ptp1-def



ORDERING: Specify figure number, size, type, description, type, operating load and calculate amount & direction of pipe movement from installed to operating position. Please specify any non-standard requirements, i.e. internally guided load column, jacking bolt, lifting lugs, etc.

HANGER SIZE	TYPES D & E					TYPE F									
	CASING LENGTH	ROD LENGTH	NUT ALLOW.	SPACER HEIGHT	APPROX. WEIGHT OF EACH	CASING LENGTH	BOTTOM FLANGE	BOTTOM FLANGE BOLT CIRCLE		BOTTOM FLANGE BOLTS	LOAD COLUMN DIA.	LOAD FLANGE	LOADED LENGTH X		APPROX. WEIGHT
	B	Y	K	M	lb.	B	THK. X SQ.	MIN.	MAX.			THK. X SQ.	MIN.	MAX.	lb.
00	4 5/8	7 1/2	1 1/4	1 3/4	4	4 5/8	1/4 x 7 1/2	7	8 3/4	5/8	1.900	3/16 x 3 13/16	6 3/16	6 11/16	10
10	4 7/8	7 3/4	1 1/4	1 3/4	5	4 7/8	1/4 x 7 1/2	7	8 3/4	5/8	1.900	3/16 x 3 13/16	6 7/16	6 15/16	10
20	5 1/2	8 3/8	1 1/4	1 3/4	6	5 1/2	1/4 x 7 1/2	7	8 3/4	5/8	1.900	3/16 x 3 13/16	7 1/16	7 9/16	11
30	5	7 7/8	1 1/4	1 3/4	8	5	1/4 x 7 1/2	7 3/4	8 3/4	3/4	2.875	3/16 x 5 1/4	6 9/16	7 1/16	17
40	5 3/8	8 1/4	1 1/4	1 3/4	9	5 3/8	1/4 x 7 1/2	7 3/4	8 3/4	3/4	2.875	3/16 x 5 1/4	6 15/16	7 7/16	18
50	5 3/4	8 5/8	1 1/4	1 3/4	10	5 3/4	1/4 x 7 1/2	7 3/4	8 3/4	3/4	2.875	3/16 x 5 1/4	7 5/16	7 13/16	19
60	5 3/4	9 1/16	1 1/2	1 3/4	16	5 3/4	3/8 x 9	8 1/8	10 7/8	3/4	3.500	1/4 x 6 5/16	7 5/16	7 13/16	30
70	6 3/8	9 11/16	1 1/2	1 3/4	19	6 3/8	3/8 x 9	8 1/8	10 7/8	3/4	3.500	1/4 x 6 5/16	7 15/16	8 7/16	32
80	6 5/8	9 15/16	1 1/2	1 3/4	20	6 5/8	3/8 x 9	8 1/8	10 7/8	3/4	3.500	1/4 x 6 5/16	8 3/16	8 11/16	33
90	7	11 1/4	1 3/4	1 3/4	42	7	1/2 x 13 1/4	12 1/4	16 1/2	3/4	4.500	1/2 x 8 1/4	8 9/16	9 9/16	68
100	7 1/2	11 3/4	1 3/4	1 3/4	48	7 1/2	1/2 x 13 1/4	12 1/4	16 1/2	3/4	4.500	1/2 x 8 1/4	9 1/16	10 1/16	74
110	6 3/16	10 11/16	2	1 3/4	41	6 3/16	1/2 x 13 1/4	12 1/4	16 1/2	3/4	4.500	1/2 x 8 1/4	7 3/4	8 3/4	66
120	6 3/4	11 1/4	2 1/4	1 3/4	43	6 3/4	1/2 x 13 1/4	12 1/4	16 1/2	3/4	4.500	1/2 x 8 1/4	8 5/16	9 5/16	68
130	8 1/8	12 7/8	2 1/2	1 3/4	53	8 1/8	1/2 x 13 1/4	12 1/4	16 1/2	3/4	4.500	1/2 x 8 1/4	9 11/16	10 11/16	71
140	8 5/8	13 1/8	2 1/2	1 3/4	55	8 5/8	1/2 x 13 1/4	12 1/4	16 1/2	3/4	4.500	1/2 x 8 1/4	10 3/16	11 3/16	81
150	8 1/2	14 1/8	3	1 3/4	65	8 1/2	1/2 x 13 1/4	12 1/4	16 1/2	3/4	4.500	1/2 x 8 1/4	10 1/16	11 1/16	86
160	10	15 7/8	3 1/2	1 3/4	77	10	1/2 x 13 1/4	12 1/4	16 1/2	3/4	4.500	1/2 x 8 1/4	11 9/16	12 9/16	98
170	11 1/4	17 5/8	4	1 3/4	91	11 1/4	1/2 x 13 1/4	12 1/4	16 1/2	3/4	4.500	1/2 x 8 1/4	12 13/16	13 13/16	112
180	14 3/8	19 3/16	4 9/16	1 3/4	196	11 7/8	5/8 x 17 1/4	17 3/4	22	3/4	5.563	1/2 x 12 1/2	13 7/16	14 7/16	240
190	15 3/8	20 5/8	5	1 3/4	216	12 7/8	5/8 x 17 1/4	17 3/4	22	3/4	5.563	1/2 x 12 1/2	14 7/16	15 7/16	245
200	19 1/4	23 5/16	5 9/16	1 3/4	272	15 3/8	3/4 x 17 1/4	17 3/4	22	3/4	5.563	1/2 x 12 1/2	18 3/8	19 3/8	314
210	19 7/8	25	6 1/4	1 3/4	309	16	3/4 x 17 1/4	17 3/4	22	3/4	5.563	1/2 x 12 1/2	19	20	318
220	24 1/8	29 5/8	6 5/8	1 3/4	401	20 1/4	3/4 x 17 1/4	17 3/4	22	3/4	5.563	1/2 x 12 1/2	23 1/4	24 1/4	413

SPRING.XLS-09/02/11