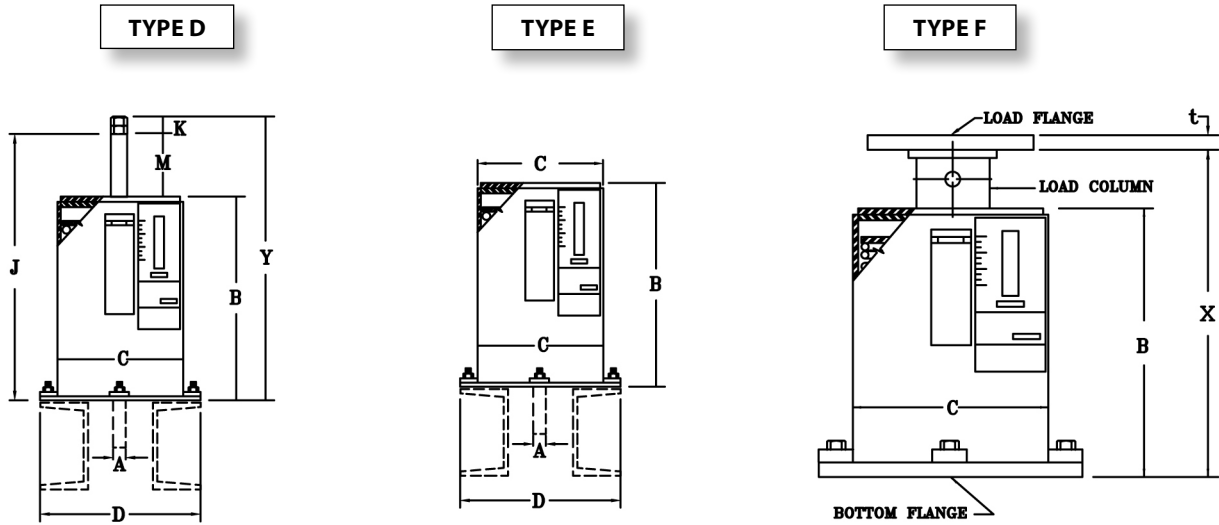




FIG. PTP-2

STANDARD VARIABLE SPRINGS

www.pipingtech.com/ptp2-def



ORDERING: Specify figure number, size, type, description, type, operating load and calculated amount and 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	7	11 1/16	1 1/4	3 1/8	6	7	1/4 x 7 1/2	7	8 3/4	5/8	1.900	3/16 x 3 13/16	8 1/2	10 1/2	13
10	7 27/32	11 15/16	1 1/4	3 1/8	7	7 27/32	1/4 x 7 1/2	7	8 3/4	5/8	1.900	3/16 x 3 13/16	9 11/32	11 11/32	13
20	8 5/8	12 11/16	1 1/4	3 1/8	8	8 5/8	1/4 x 7 1/2	7	8 3/4	5/8	1.900	3/16 x 3 13/16	10 1/8	12 1/8	14
30	7 11/16	11 11/16	1 1/4	3 1/8	11	7 11/16	1/4 x 7 1/2	7 3/4	8 3/4	3/4	2.875	3/16 x 5 1/4	9 3/16	11 3/16	21
40	8 1/4	12 5/16	1 1/4	3 1/8	12	8 1/4	1/4 x 7 1/2	7 3/4	8 3/4	3/4	2.875	3/16 x 5 1/4	9 3/4	11 3/4	23
50	9	13	1 1/4	3 1/8	14	9	1/4 x 7 1/2	7 3/4	8 3/4	3/4	2.875	3/16 x 5 1/4	10 1/2	12 1/2	24
60	8 15/16	13 5/16	1 1/2	3	22	8 15/16	3/8 x 9	8 1/8	10 7/8	3/4	3.500	1/4 x 6 5/16	10 7/16	12 7/16	37
70	9 7/8	14 1/4	1 1/2	3	25	9 7/8	3/8 x 9	8 1/8	10 7/8	3/4	3.500	1/4 x 6 5/16	11 3/8	13 3/8	43
80	10 3/8	14 3/4	1 1/2	3	26	10 3/8	3/8 x 9	8 1/8	10 7/8	3/4	3.500	1/4 x 6 5/16	11 7/8	13 7/8	44
90	10 7/16	15 5/8	1 3/4	3	51	10 7/16	1/2 x 13 1/4	12 1/4	16 1/2	3/4	4.500	1/2 x 8 1/4	11 15/16	13 15/16	81
100	11 5/8	16 7/8	1 3/4	3	58	11 5/8	1/2 x 13 1/4	12 1/4	16 1/2	3/4	4.500	1/2 x 8 1/4	13 1/8	15 1/8	88
110	9 7/16	14 15/16	2	3	51	9 7/16	1/2 x 13 1/4	12 1/4	16 1/2	3/4	4.500	1/2 x 8 1/4	10 15/16	12 15/16	80
120	10 1/4	15 13/16	2 1/4	3	56	10 1/4	1/2 x 13 1/4	12 1/4	16 1/2	3/4	4.500	1/2 x 8 1/4	11 3/4	13 3/4	85
130	12 3/4	18 5/8	2 1/2	3	73	12 3/4	1/2 x 13 1/4	12 1/4	16 1/2	3/4	4.500	1/2 x 8 1/4	14 1/4	16 1/4	105
140	13 1/4	18 3/4	2 1/2	3	77	13 1/4	1/2 x 13 1/4	12 1/4	16 1/2	3/4	4.500	1/2 x 8 1/4	14 3/4	16 3/4	109
150	13 1/8	19 3/4	3	3	88	13 1/8	1/2 x 13 1/4	12 1/4	16 1/2	3/4	4.500	1/2 x 8 1/4	14 5/8	16 5/8	116
160	15 5/8	22 9/16	3 1/2	3	107	15 5/8	1/2 x 13 1/4	12 1/4	16 1/2	3/4	4.500	1/2 x 8 1/4	17 1/8	19 1/8	136
170	17 3/4	25 1/8	4	3	133	17 3/4	1/2 x 13 1/4	12 1/4	16 1/2	3/4	4.500	1/2 x 8 1/4	19 1/4	21 1/4	159
180	19 7/8	25 11/16	4 9/16	3	262	17 3/8	5/8 x 17 1/4	17 3/4	22	3/4	5.563	1/2 x 12 1/2	18 7/8	20 7/8	313
190	22 1/8	28 3/8	5	3	300	19 5/8	5/8 x 17 1/4	17 3/4	22	3/4	5.563	1/2 x 12 1/2	21 1/8	23 1/8	350
200	27 1/8	32 3/16	5 9/16	3	370	23 1/4	3/4 x 17 1/4	17 3/4	22	3/4	5.563	1/2 x 12 1/2	26 1/4	28 1/4	441
210	29 13/16	35 9/16	6 1/4	3	455	25 9/16	3/4 x 17 1/4	17 3/4	22	3/4	5.563	1/2 x 12 1/2	28 9/16	30 9/16	466
220	35 1/2	42	6 5/8	3	505	31 5/8	3/4 x 17 1/4	17 3/4	22	3/4	5.563	1/2 x 12 1/2	34 5/8	36 5/8	624