

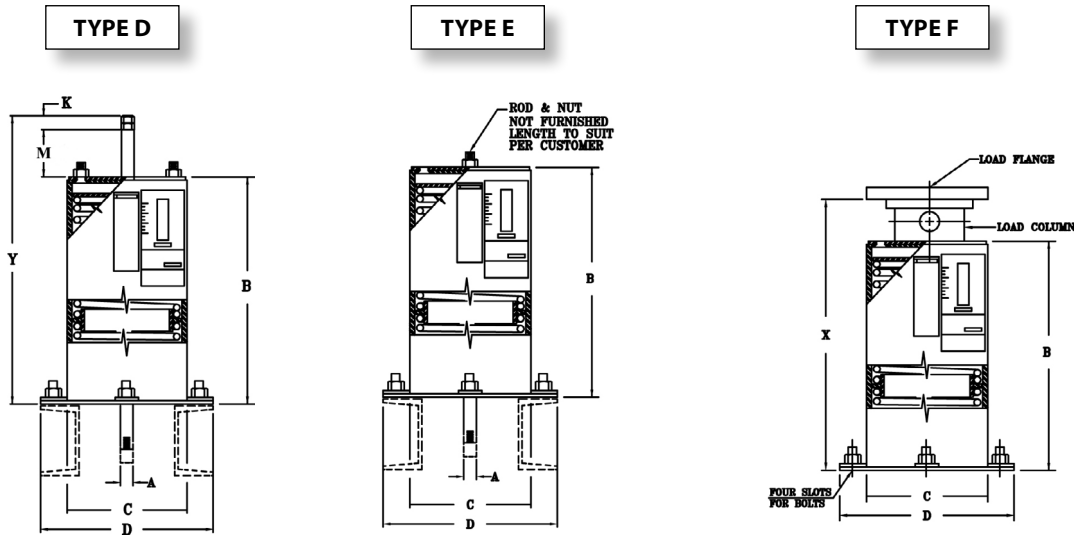


FIG. PTP-4

DOUBLE VARIABLE SPRINGS

ENGINEERED SPRING SUPPORTS

www.pipingtech.com/ptp4-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	13 1/4	19 3/8	1 1/4	5 1/2	11	13 1/4	1/4 x 7 1/2	7	8 3/4	5/8	1.900	3/16 x 3 13/16	14 7/8	16 7/8	19
10	15	21 1/8	1 1/4	5 1/2	13	15	1/4 x 7 1/2	7	8 3/4	5/8	1.900	3/16 x 3 13/16	16 5/8	18 5/8	20
20	16 1/2	22 5/8	1 1/4	5 1/2	15	16 1/2	1/4 x 7 1/2	7	8 3/4	5/8	1.900	3/16 x 3 13/16	18 1/8	20 1/8	22
30	14 5/8	20 3/4	1 1/4	5 1/2	19	14 5/8	1/4 x 7 1/2	7 3/4	8 3/4	3/4	2.875	3/16 x 5 1/4	16 1/4	18 1/4	33
40	15 3/4	22	1 1/4	5 1/2	22	15 3/4	1/4 x 7 1/2	7 3/4	8 3/4	3/4	2.875	3/16 x 5 1/4	17 3/8	19 3/8	37
50	17 1/4	23 3/8	1 1/4	5 1/2	24	17 1/4	1/4 x 7 1/2	7 3/4	8 3/4	3/4	2.875	3/16 x 5 1/4	18 7/8	20 7/8	39
60	17	23 11/16	1 1/2	5 1/2	37	17	3/8 x 9	8 1/8	10 7/8	3/4	3.500	1/4 x 6 5/16	18 5/8	20 5/8	59
70	18 7/8	25 5/8	1 1/2	5 1/2	45	18 7/8	3/8 x 9	8 1/8	10 7/8	3/4	3.500	1/4 x 6 5/16	20 1/2	22 1/2	69
80	19 7/8	26 9/16	1 1/2	5 1/2	49	19 7/8	3/8 x 9	8 1/8	10 7/8	3/4	3.500	1/4 x 6 5/16	21 1/2	23 1/2	72
90	19 13/16	27 7/16	1 3/4	5 1/2	84	19 13/16	1/2 x 13 1/4	12 1/4	16 1/2	3/4	4.500	1/2 x 8 1/4	21 7/16	23 7/16	126
100	22 3/16	29 7/8	1 3/4	5 1/2	98	22 3/16	1/2 x 13 1/4	12 1/4	16 1/2	3/4	4.500	1/2 x 8 1/4	23 13/16	25 13/16	140
110	17 13/16	25 3/4	2	5 1/2	85	17 13/16	1/2 x 13 1/4	12 1/4	16 1/2	3/4	4.500	1/2 x 8 1/4	19 7/16	21 7/16	124
120	19 1/4	27 1/4	2 1/4	5 1/2	94	19 1/4	1/2 x 13 1/4	12 1/4	16 1/2	3/4	4.500	1/2 x 8 1/4	20 7/8	22 7/8	134
130	24 1/4	32 5/8	2 1/2	5 1/2	129	24 1/4	1/2 x 13 1/4	12 1/4	16 1/2	3/4	4.500	1/2 x 8 1/4	25 7/8	27 7/8	171
140	25	32 7/8	2 1/2	5 1/2	137	25	1/2 x 13 1/4	12 1/4	16 1/2	3/4	4.500	1/2 x 8 1/4	26 5/8	28 5/8	178
150	25	33 3/4	3	5 1/2	149	25	1/2 x 13 1/4	12 1/4	16 1/2	3/4	4.500	1/2 x 8 1/4	26 5/8	28 5/8	187
160	29 1/2	38 7/8	3 1/2	5 1/2	188	29 1/2	1/2 x 13 1/4	12 1/4	16 1/2	3/4	4.500	1/2 x 8 1/4	31 1/8	33 1/8	227
170	33 3/4	43 1/2	4	5 1/2	233	33 3/4	1/2 x 13 1/4	12 1/4	16 1/2	3/4	4.500	1/2 x 8 1/4	35 3/8	37 3/8	273
180	34 7/8	43 3/16	4 9/16	5 1/2	447	32 3/8	5/8 x 17 1/4	17 3/4	22	3/4	5.563	1/2 x 12 1/2	34	36	520
190	39 3/8	48 1/8	5	5 1/2	518	36 7/8	5/8 x 17 1/4	17 3/4	22	3/4	5.563	1/2 x 12 1/2	38 1/2	40 1/2	594
200	47 5/8	55 3/16	5 9/16	5 1/2	693	43 3/4	3/4 x 17 1/4	17 3/4	22	3/4	5.563	1/2 x 12 1/2	46 3/4	48 3/4	777
210	52 1/4	60 5/8	6 1/4	5 1/2	815	48 3/8	3/4 x 17 1/4	17 3/4	22	3/4	5.563	1/2 x 12 1/2	51 3/8	53 3/8	842
220	64 3/8	73 1/8	6 5/8	5 1/2	1,110	60 1/8	3/4 x 17 1/4	17 3/4	22	3/4	5.563	1/2 x 12 1/2	63 1/8	65 1/8	1,154