

Table 10 Type 3501PB & 3502PB

Design Pressure: 300 psig Test Pressure: 450 psig Design Temperature: 500°F

Nominal Size (NPS)	Axial Spring Rate (1) (lb/in)	Part Number 3501PB 3502PB	Axial Compr. (inches)	Axial Ext. (inches)	3501PB		3502PB	
					Overall Length (inches)	Weight (lbs)	Overall Length (inches)	Weight (lbs)
4	1467	-348-4	4	1	42.0	232	39.0	200
	886	-348-6	6	2	58.0	314	55.0	282
	675	-348-8	8	2	69.0	368	66.0	336
5	3028	-355-4	4	1	42.0	297	39.0	261
	1884	-355-6	6	2	58.0	387	55.0	350
	1314	-355-8	8	2	69.0	467	66.0	430
6	3424	-360-4	4	1	44.5	367	39.0	310
	2132	-360-6	6	2	60.5	470	55.0	413
	1483	-360-8	8	2	70.5	557	66.0	500
8	3725	-367-4	4	1	44.5	526	39.0	450
	2285	-367-6	6	2	60.5	701	55.0	625
	1699	-367-8	8	2	70.5	818	66.0	742
10	4458	-374-4	4	1	44.5	634	40.0	540
	2580	-374-6	6	2	60.5	854	56.0	760
	1947	-374-8	8	2	70.5	980	67.0	886
12	5223	-380-4	4	1	46.5	880	42.0	726
	3139	-380-6	6	2	63.0	1151	57.0	997
	2205	-380-8	8	2	73.0	1307	69.0	1153
14	9397	-381-4	4	1	50.0	1015	42.0	815
	5783	-381-6	6	2	65.0	1288	57.0	1088
	3968	-381-8	8	2	77.5	1504	69.0	1309
16	10367	-382-4	4	1	50.0	1170	42.0	935
	6373	-382-6	6	2	65.0	1482	57.0	1247
	4369	-382-8	8	2	77.5	1728	69.0	1493
18	12515	-383-4	4	1	50.0	1359	42.0	1040
	7677	-383-6	6	2	65.0	1701	57.0	1382
	5229	-383-8	8	2	77.5	1971	69.0	1652
20	16414	-384-4	4	1	51.5	1621	42.0	1195
	10072	-384-6	6	2	66.5	2016	57.0	1590
	6864	-384-8	8	2	79.0	2338	69.0	1912
24	19300	-386-4	4	1	51.5	1940	42.0	1363
	11840	-386-6	6	2	66.5	2408	57.0	1831
	8057	-386-8	8	2	79.0	2716	69.0	2159
1	2	3	4	5	6	7	8	9

Note:

- (1) Force (lbs.) per inch of compression (pipe expansion) resulting from bellows spring constant.
- (2) Refer to Table 4 on Page 7 for housing outside diameter and drain port size.
- (3) Refer to Applications on page 4 for correct installation.
- (4) The anchor force is calculated as follows:

$$\text{Anchor Force (lbs.)} = \left\{ \begin{array}{l} \text{Spring Rate (lb./in.)} \\ \text{Column 2 Tables 9 \& 10} \end{array} \right\} \times \left\{ \begin{array}{l} \text{Axial Travel} \\ \text{(inches)} \end{array} \right\}$$