

**Table 8 Type 3505 and 3506**

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

Nominal Size (NPS)	Axial Spring Rate (1) (lb/in)	Part Number 3505 3506	Total Axial Compr. (2) (inches)	Total Axial Ext. (2) (inches)	3505		3506	
					Overall Length (inches)	Weight (lbs)	Overall Length (inches)	Weight (lbs)
2	68	-331-8	8	2	42.00	58	41.50	50
	47	-331-12	12	4	60.00	79	59.50	68
	35	-331-16	16	4	73.00	93	72.50	81
2 1/2	137	-335-8	8	2	41.75	82	41.13	67
	93	-335-12	12	4	59.75	107	59.13	92
	59	-335-16	16	4	72.75	125	72.13	110
3	195	-340-8	8	2	41.75	115	41.13	92
	117	-340-12	12	4	59.75	150	59.13	127
	85	-340-16	16	4	72.75	172	72.13	149
4	293	-348-8	8	2	41.75	169	41.13	136
	177	-348-12	12	4	59.75	221	59.13	186
	135	-348-16	16	4	72.75	236	72.13	222
5	606	-355-8	8	2	41.75	182	41.13	143
	377	-355-12	12	4	59.75	231	59.13	192
	263	-355-16	16	4	72.75	275	72.13	236
6	685	-360-8	8	2	44.25	280	43.63	216
	426	-360-12	12	4	61.75	347	61.13	283
	297	-360-16	16	4	74.75	406	74.13	342
8	745	-367-8	8	2	44.00	364	43.25	280
	457	-367-12	12	4	61.50	471	60.75	387
	340	-367-16	16	4	74.50	540	73.75	456
10	892	-374-8	8	2	43.00	494	42.25	388
	516	-374-12	12	4	60.50	633	59.75	527
	389	-374-16	16	4	73.50	724	72.75	619
12	1045	-380-8	8	2	47.50	679	46.75	503
	628	-380-12	12	4	64.50	852	63.75	681
	441	-380-16	16	4	79.00	954	78.25	783
14	1879	-381-8	8	2	46.25	792	45.50	571
	1157	-381-12	12	4	63.25	976	62.50	755
	794	-381-16	16	4	77.75	1115	77.00	896
16	2073	-382-8	8	2	46.25	929	45.50	669
	1275	-382-12	12	4	63.25	1135	62.50	875
	874	-382-16	16	4	77.75	1292	77.00	1034
18	2503	-383-8	8	2	47.75	1180	47.00	738
	1535	-383-12	12	4	64.75	1320	64.00	967
	1046	-383-16	16	4	79.25	1500	78.50	1142
20	3283	-384-8	8	2	47.75	1348	47.00	878
	2014	-384-12	12	4	64.75	1610	64.00	1144
	1373	-384-16	16	4	79.25	1820	78.50	1349
24	3860	-386-8	8	2	47.75	1612	47.00	981
	2368	-386-12	12	4	64.75	1918	64.00	1292
	1611	-386-16	16	4	79.25	2071	78.50	1529
1	2	3	4	5	6	7	8	9

**Note:**

- (1) Force per inch of compression resulting from the bellows spring constant. Refer to Table 2 for pressure thrust force.
- (2) For Type 3505 and 3506 travel stated is the total. Travel each side of the anchor is 1/2 the tabulated value.
- (3) Refer to Table 4 for housing outside diameter, drain port size and anchor base details and centerline height of anchor base models.