

Table 6 Type 3505 and 3506

Design Pressure: 150 psig Test Pressure: 225 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	33	-131-8	8	2	42.00	56	41.50	49
	22	-131-12	12	4	60.00	75	59.50	66
	17	-131-16	16	4	73.00	87	72.50	79
2 1/2	79	-135-8	8	2	41.75	77	41.13	66
	54	-135-12	12	4	59.75	102	59.13	90
	35	-135-16	16	4	72.75	119	72.13	108
3	66	-140-8	8	2	41.75	104	41.13	89
	40	-140-12	12	4	59.75	137	59.13	123
	31	-140-16	16	4	72.75	158	72.13	144
4	121	-148-8	8	2	41.75	151	41.13	132
	74	-148-12	12	4	59.75	202	59.13	181
	57	-148-16	16	4	72.75	235	72.13	215
5	313	-155-8	8	2	41.75	161	41.13	139
	196	-155-12	12	4	59.75	209	59.13	187
	139	-155-16	16	4	72.75	251	72.13	229
6	348	-160-8	8	2	44.25	246	43.63	212
	218	-160-12	12	4	61.75	311	61.13	277
	155	-160-16	16	4	74.75	368	74.13	334
8	380	-167-8	8	2	44.00	323	43.25	274
	234	-167-12	12	4	61.50	425	60.75	376
	176	-167-16	16	4	74.50	493	73.75	444
10	452	-174-8	8	2	43.00	445	42.25	382
	267	-174-12	12	4	60.50	578	59.75	516
	203	-174-16	16	4	73.50	667	72.75	604
12	418	-180-8	8	2	47.50	588	46.75	490
	253	-180-12	12	4	64.50	755	63.75	661
	183	-180-16	16	4	79.00	853	78.25	759
14	1193	-181-8	8	2	46.25	699	45.50	558
	738	-181-12	12	4	63.25	875	62.50	734
	515	-181-16	16	4	77.75	1009	77.00	870
16	1314	-182-8	8	2	46.25	822	45.50	654
	813	-182-12	12	4	63.25	1020	62.50	852
	567	-182-16	16	4	77.75	1170	77.00	1004
18	1438	-183-8	8	2	47.75	900	47.00	721
	888	-183-12	12	4	64.75	1116	64.00	941
	619	-183-16	16	4	79.25	1286	78.50	1109
20	1206	-184-8	8	2	47.75	1047	47.00	838
	748	-184-12	12	4	64.75	1288	64.00	1083
	529	-184-16	16	4	79.25	1477	78.50	1270
24	1409	-186-8	8	2	47.75	1241	47.00	934
	874	-186-12	12	4	64.75	1523	64.00	1219
	616	-186-16	16	4	79.25	1743	78.50	1436
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.