

Table 3 Type 5501R, 5502R & 5506R (3)

Design Pressure: Full Vacuum to 150 psig. Test Pressure: 225 psig. Design Temperature: 500°F

Nominal Size NPS	Part Number 5501R 5502R	Overall Length (1) (inches)	Axial Spring Rate (lb./in.)	Outside Diameter (2) (inches)	Number of Rods	Weight (lbs.)
1 1/2	-127	3.5	360	7.5	3	13
2	-131	3.5	435	8.5	3	16
2 1/2	-135	3.5	643	9.5	3	22
3	-140	4.0	860	10.0	3	24
4	-148	4.5	968	11.5	3	26
5	-155	4.5	1168	12.5	3	29
6	-160	5.0	1274	14.0	3	40
8	-167	5.0	1440	17.0	3	51
10	-174	6.0	1619	19.5	3	65
12	-180	6.0	1725	23.0	3	91
14	-181	8.0	2004	25.5	3	163
16	-182	8.0	2220	28.0	3	204
18	-183	9.0	2397	30.0	3	245
20	-184	9.0	2492	33.0	3	260
24	-186	9.0	2819	37.5	4	290
1	2	3	4	5	6	7

Table 4 Type 5501R & 5502R

Design Pressure: Full Vacuum to 300 psig. Test Pressure: 450 psig. Design Temperature: 500°F

Nominal Size NPS	Part Number 5501R 5502R	Overall Length(1) (inches)	Axial Spring Rate (lb./in.)	Outside Diameter(2) (inches)	Number of Rods	Weight (lbs.)
1 1/2	-327	3.5	360	8.63	3	16
2	-331	3.5	433	9.00	3	16
2 1/2	-335	3.5	1268	10.00	3	25
3	-340	4.0	1491	10.75	3	28
4	-348	4.5	1544	13.00	3	35
5	-355	4.5	1871	14.00	3	42
6	-360	5.0	2927	16.00	3	57
8	-367	5.0	3687	19.00	3	79
10	-374	6.0	3922	21.75	3	113
12	-380	6.0	5520	25.50	3	179
14	-381	8.0	6311	28.50	3	212
16	-382	8.0	7831	31.00	4	293
18	-383	9.0	8613	33.75	4	363
20	-384	9.0	10,126	36.50	4	433
24	-386	9.0	11,005	43.50	4	490
1	2	3	4	5	6	7

Note:

- (1) Overall length is measured from flange face to flange to flange face including the van stone for Type 5502R.
- (2) Maximum outside diameter – includes limit rod lug attachments.
- (3) Type 5506R is available rated for full vacuum to 150 psig at 500°F as a replacement for rubber expansion joints, nominal sizes 2” through 14”. Sizes 2” through 8” are 6” overall length and sizes 10” through 14” are 8” overall length. All other dimensions and performance data are the same as Type 5502R.