

## EXHAUST EXPANSION JOINTS

All expansion joints are three-ply and designed for 36 PSI at 70°F and the movements are based on 30,000 non-concurrent EJMA cycles.

Nom Dia (in)	Bellows ID	Part Number	Max. Internal Pressure @70°F (PSI)	Bellows Free Length (in)	Neck Length (in)	Movements		Spring Rates	
						Axial (in)	Lateral (in)	Axial (lbf/in)	Lateral (lbf/in)
3.5	4	EX-036-4.0-3.3-316-3-RWRW	249	3.27	0.5	0.686	0.188	3711	8302
		EX-036-4.0-5.48-316-3-RWRW	249	5.48		1.114	0.494	2283	1935
		EX-036-4.0-8.093-316-3-RWRW	201	8.093		1.628	1.054	1562	620
4	4.5	EX-036-4.5-3.09-316-3-RWRW	221	3.09	1	1.142	0.258	1596	5177
		EX-036-4.5-5.13-316-3-RWRW	196	5.13		1.826	0.662	997	1264
		EX-036-4.5-7.994-316-3-RWRW	133	7.994		2.542	1.408	1031	560
5	5.563	EX-036-5.56-3.396-316-3-RWRW	215	3.396	1	1.314	0.262	1599	6748
		EX-036-5.56-3.396-316-3-RWRW	180	5.636		2.136	0.69	984	1573
		EX-036-5.56-8.772-316-3-RWRW	76	8.772		3.286	1.634	640	434
6	6.625	EX-036-6.625-2.458-316-3-RWRW	181	2.458	1	0.956	0.124	3316	32979
		EX-036-6.625-4.534-316-3-RWRW	181	4.534		1.674	0.38	1895	6153
		EX-036-6.625-6.610-316-3-RWRW	181	6.61		2.392	0.774	1326	2111
8	8.625	EX-036-8.625-2.458-316-3-RWRW	111	2.458	1	2.048	0.2	876	15293
		EX-036-8.625-4.534-316-3-RWRW	110	4.534		3.586	0.614	501	2854
		EX-036-8.625-6.610-316-3-RWRW	54	6.61		5.122	1.252	350	979
10	10.75	EX-036-10.75-4.050-316-3-RWRW	111	4.05	1	2.75	0.354	962	9717
		EX-036-10.75-7.618-316-3-RWRW	71	7.618		4.95	1.144	534	1666
		EX-036-10.75-9.402-316-3-RWRW	48	9.402		6.05	17.1	437	913
12	12.75	EX-036-12.75-4.050-316-3-RWRW	90	4.05	1	3.364	0.366	734	10347
		EX-036-12.75-6.726-316-3-RWRW	69	7.618		5.922	0.936	459	2526
		EX-036-12.75-8.510-316-3-RWRW	44	8.51		6.726	1.462	367	1293
14	14	EX-036-14-4.050-316-3-RWRW	89	4.05	1	2.784	0.28	1183	19542
		EX-036-14-6.726-316-3-RWRW	89	6.726		4.472	0.718	739	4771
		EX-036-14-8.510-316-3-RWRW	71	8.51		5.59	1.122	595	2443
16	16	EX-036-16-4.050-316-3-RWRW	84	4.05	1	3.266	0.288	913	19660
		EX-036-16-6.726-316-3-RWRW	84	6.726		5.226	0.736	571	4800
		EX-036-16-8.510-316-3-RWRW	55	8.51		6.534	1.15	456	2458
18	18	EX-036-18-4.050-316-3-RWRW	79	4.05	1	2.62	0.164	1235	51976
		EX-036-18-5.834-316-3-RWRW	79	5.834		4.584	0.504	706	9698
		EX-036-18-8.510-316-3-RWRW	59	8.51		6.55	1.03	494	3326
20	20	EX-036-20-4.050-316-3-RWRW	71	4.05	1	3.806	0.27	788	26193
		EX-036-20-6.726-316-3-RWRW	71	6.726		6.09	0.69	492	6395
		EX-036-20-8.510-316-3-RWRW	47	8.51		7.612	1.078	394	3274
24	24	EX-036-24-3.341-316-3-RWRW	46	3.341	1.25	3.604	0.188	884	51583
		EX-036-24-7.307-316-3-RWRW	46	7.307		7.206	0.752	422	6448
		EX-036-24-8.629-316-3-RWRW	42	8.629		8.408	1.024	362	4060