

Flexible Coupling

STYLE 75

DIMENSIONS

Size		Max. Work Pressure *	Max. End Load *	Allow. Pipe End Sep. †	Deflect. Fr. C _L †		Bolt/Nut@ No – Size	Dimensions – Inches/mm			Approx. Wgt. Each
Nominal Size Inches mm	Actual Outside Diameter Inches mm	psi kPa	Lbs. N	Inches mm	Per Cplg. Deg.	Pipe In./Ft. mm/m	Inches	X	Y	Z	Lbs. kg
1 25	1.315 33.4	500 3450	680 3025	0 – 0.06 0 – 1.6	2° – 43'	0.57 48	2 – 3/8 x 2	2.38 61	4.27 108	1.77 45	1.3 0.6
1 1/4 32	1.660 42.2	500 3450	1080 4805	0 – 0.06 0 – 1.6	2° – 10'	0.45 38	2 – 3/8 x 2	2.68 68	4.61 117	1.77 45	1.4 0.6
1 1/2 40	1.900 48.3	500 3450	1420 6320	0 – 0.06 0 – 1.6	1° – 56'	0.40 33	2 – 3/8 x 2	2.91 74	4.82 122	1.77 45	1.5 0.6
2 50	2.375 60.3	500 3450	2215 9860	0 – 0.06 0 – 1.6	1° – 31'	0.32 26	2 – 3/8 x 2	3.43 87	5.22 133	1.88 48	1.7 0.8
2 1/2 65	2.875 73.0	500 3450	3245 14440	0 – 0.06 0 – 1.6	1° – 15'	0.26 22	2 – 3/8 x 2	3.88 98	5.68 144	1.88 48	1.9 0.9
76.1 mm	3.000 76.1	500 3450	3535 15730	0 – 0.06 0 – 1.6	1° – 12'	0.26 22	2 – 3/8 x 2	4.00 102	5.90 150	1.88 48	1.9 0.9
3 80	3.500 88.9	500 3450	4800 21360	0 – 0.06 0 – 1.6	1° – 2'	0.22 18	2 – 1/2 x 2 3/4	4.50 114	7.00 178	1.88 48	2.9 1.3
3 1/2 90	4.000 101.6	500 3450	6300 28035	0 – 0.06 0 – 1.6	0° – 54'	0.19 16	2 – 1/2 x 2 3/4	5.00 127	7.50 191	1.88 48	2.9 1.3
4 100	4.500 114.3	500 3450	7950 35380	0 – 0.13 0 – 3.2	1° – 36'	0.34 28	2 – 1/2 x 2 3/4	5.80 147	8.03 204	2.13 54	4.1 1.9
108.0mm	4.250 108.0	450 3100	6380 28395	0 – 0.13 0 – 3.2	1° – 41'	0.35 29	2 – 12 x 70.0	5.55 141	7.79 198	2.13 54	3.7 1.7
4 1/2 120	5.000 127.0	450 3100	8820 39250	0 – 0.13 0 – 3.2	1° – 26'	0.25 21	2 – 5/8 x 3 1/4	6.13 156	9.43 240	2.13 54	5.5 2.5
5 125	5.563 141.3	450 3100	10935 48660	0 – 0.13 0 – 3.2	1° – 18'	0.27 23	2 – 5/8 x 3 1/4	6.88 175	10.07 256	2.13 54	5.8 2.6
133.0mm	5.250 133.0	450 3100	9735 43325	0 – 0.13 0 – 3.2	1° – 21'	0.28 24	2 – 16 x 82.5	6.55 166	9.37 238	2.13 54	6.0 2.7
139.7mm	5.500 139.7	450 3100	10665 47460	0 – 0.13 0 – 3.2	1° – 18'	0.28 24	2 – 5/8 x 3 1/4	6.80 173	9.59 244	2.13 54	6.3 2.9
152.4mm	6.000 152.4	450 3100	12735 56670	0 – 0.13 0 – 3.2	1° – 12'	0.21 18	2 – 5/8 x 3 1/4	7.38 187	10.48 266	1.88 48	6.2 2.8
6 150	6.625 168.3	450 3100	15525 69085	0 – 0.13 0 – 3.2	1° – 5'	0.23 18	2 – 5/8 x 3 1/4	8.00 203	11.07 281	2.13 54	7.0 3.2
159.0mm	6.250 159.0	450 3100	13800 61405	0 – 0.13 0 – 3.2	1° – 9'	0.24 20	2 – 16 x 82.5	7.63 194	10.49 266	2.13 54	6.8 3.1
8 200	8.625 219.1	450 3100	26280 116945	0 – 0.13 0 – 3.2	0° – 50'	0.18 14	2 – 3/4 x 4 1/4	10.34 263	13.97 355	2.32 59	12.4 5.6

* Working Pressure and End Load are total, from all internal and external loads, based on standard weight (ANSI) steel pipe, standard roll or cut grooved in accordance with Victaulic specifications. Contact Victaulic for performance on other pipe.

WARNING: FOR ONE TIME FIELD TEST ONLY, the Maximum Joint Working Pressure may be increased to 1 1/2 times the figures shown.

† Allowable Pipe End Separation and Deflection figures show the maximum nominal range of movement available at each joint for standard roll grooved pipe. Figures for standard cut grooved pipe may be doubled. These figures are maximums; for design and installation purposes these figures should be reduced by: 50% for 3/4 – 3 1/2"/20 – 90 mm; 25% for 4"/100 mm and larger.

@ Number of bolts required equals number of housing segments.

Metric thread size bolts are available (color coded gold) for all coupling sizes upon request. Contact Victaulic for details.

