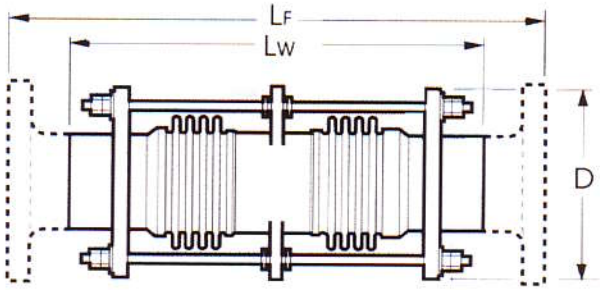
TIED DOUBLE 3.5-25 BAR

Specification:

Bellows : Austenitic Stainless Steel
Weld End : Carbon Steel Or Stainless Steel
Flanges : Carbon Steel BS, ANSI, DIN



Notes

1. *Unit weights are estimated and refer to weld end unit.*
2. *To increase lateral movement capability, the overall length of the unit must be increased.*
   New length of unit = Original length + NX

   Where
   N is number of additions ± 25 mm increments of lateral movement required.
   X is tabulated below. New lateral spring rate = $\frac{1 \times \text{Original lateral rate}}{(N+1)^2}$

N.B. mm	Press. Bar g	Movement Total Lat'l mm	Movement ± Lat'l mm	Overall length Weld end Lw mm	Overall length Flange end LF mm	Pipe O.D. mm	Thick mm	Weld end Dw mm	Flange end DF mm	X length mm	Angl'r mvt./ bellow ± Deg.	Lat'l spring rate N/mm	Angl'r spring rate NM/°	Approx. Wt. Kg
80	6	50	25	555	575	88.9	To be Specified by Purchaser	230	280	197	10	4.3	1.6	13
	10	50	25	555	575	88.9		230	280	197	10	4.3	1.6	13
	16	50	25	570	590	88.9		260	335	200	10	6.2	1.6	14
	25	50	25	560	580	88.9		260	335	200	10	12.3	4.3	18
100	6	50	25	630	650	114.3		255	310	224	10	4.9	3	15
	10	50	25	630	650	114.3		255	310	224	10	4.9	3	17
	16	50	25	650	680	114.3		310	410	235	10	6.7	3	21
	25	50	25	620	640	114.3		310	410	220	10	16.1	6.8	32
125	6	50	25	630	650	141.3		280	360	224	10	8.3	5.1	24
	10	50	25	630	650	141.3		280	360	224	10	8.3	5.1	25
	16	50	25	650	670	141.3		330	435	235	10	11.4	5.1	30
	25	50	25	620	640	141.3		330	435	220	10	25.2	10.6	39
150	6	50	25	680	700	168.3		340	385	221	10	20.3	8.7	30
	10	50	25	680	700	168.3		340	385	221	10	20.3	8.7	32
	16	50	25	700	720	168.3		385	485	231	10	27.8	8.7	43
	25	50	25	680	700	168.3		385	485	220	10	44.6	18.9	46
200	6	50	25	700	720	219.1		410	480	221	10	40.6	17.2	45
	10	50	25	700	720	219.1		410	480	221	10	40.6	17.2	47
	16	50	25	720	740	219.1		460	630	231	10	55.5	17.2	56
	25	50	25	700	740	219.1		460	630	220	10	88.9	37.6	60
250	6	50	25	740	760	273		480	535	221	10	74	31.4	80
	10	50	25	740	760	273		480	585	221	10	74	31.4	85
	16	50	25	760	780	273		540	685	231	10	101	31.4	90
	25	50	25	740	760	273		540	685	220	10	162	68.5	130

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N.B. mm	Press. Bar g	Movement Total Lat'l mm	Movement ± Lat'l mm	Overall length Weld end Lw mm	Overall length Flange end LF mm	Pipe O.D. mm	Thick mm	Weld end Dw mm	Flange end DF mm	X length mm	Angl'r mvt./ bellow ± Deg.	Lat'l spring rate N/mm	Angl'r spring rate NM/°	Approx. Wt. Kg
	3.5	50	25	755	790	323.9	To be Specified by Purchaser	525	620	218	9.5	183	36.9	65
	6	50	25	770	790	323.9		565	660	224	9.5	168	73.8	85
300	10	50	25	770	790	323.9		565	660	224	9.5	168	73.8	95
	16	50	25	805	825	323.9		610	710	242	9.5	211	110.7	105
	25	50	25	895	915	323.9		610	710	286	9.5	320	229	160
	3.5	50	25	755	610	355.6		630	630	218	8.5	192	48.5	70
	6	50	25	820	630	355.6		670	790	224	8.5	221	96.9	130
350	10	50	25	820	630	355.6		670	790	224	8.5	221	96.9	185
	16	50	25	905	735	355.6		695	855	242	8.5	285	145	225
	25	50	25	1045	735	355.6		745	895	286	8.5	418	298	385
	3.5	50	25	810	630	406.4		685	740	218	7.5	217	70.5	105
	6	50	25	870	655	406.4		730	870	224	7.5	321	141	190
400	10	50	25	870	655	406.4		730	870	224	7.5	321	141	255
	16	50	25	995	760	406.4		755	940	242	7.5	413	211	320
	25	50	25	1095	760	406.4		810	990	286	7.5	611	436	505
	3.5	50	25	865	650	457.2		760	785	224	6.5	217	94.5	135
	6	50	25	820	680	457.2		815	965	224	6.5	430	189	250
450	10	50	25	820	680	457.2		815	965	224	6.5	430	189	310
	16	50	25	1005	775	457.2		835	1020	242	6.5	556	283	385
	25	50	25	1145	775	457.2		865	1090	286	6.5	843	601	660
	3.5	50	25	930	670	508		845	870	242	6	262	134	170
	6	50	25	990	690	508		870	1070	242	6	528	268	315
500	10	50	25	990	690	508		870	1070	242	6	528	268	340
	16	50	25	1055	790	508		910	1125	242	6	794	401	405
	25	50	25	1190	790	508		960	1160	286	6	1162	830	795
	3.5	50	25	930	690	609.6		945	1020	290	5	306	226	240
	6	50	25	985	705	609.6		945	1020	290	5	612	451	430
600	10	50	25	985	705	609.6		990	1220	290	5	612	451	455
	16	50	25	1100	805	609.6		1045	1305	290	5	918	677	760
	25	50	25	1154	805	609.6		1120	1120	290	5	1898	1395	870
	3.5	50	25	1030	710	711.2		1070	1150	323	4.5	481	438	355
700	6	50	25	1090	750	711.2		1070	1150	323	4.5	692	876	580
	10	50	25	1090	750	711.2		1125	1360	323	4.5	692	876	635
	16	50	25	1205	1360	711.2		1200	1470	323	4.5	1445	1314	945
	3.5	50	25	1030	730	762		1120	1230	323	4.5	566	515	390
750	6	50	25	1090	780	762		1120	1320	323	4.5	1130	1030	685
	10	50	25	1090	780	762		1205	1480	323	4.5	1130	1030	735
	16	50	25	1205	1390	762		1315	1315	323	4.5	1696	1545	1100
	3.5	50	25	1120	750	812.8		1175	1310	363	4	557	643	475
800	6	50	25	1090	855	812.8		1195	1370	363	4	1114	1286	810
	10	50	25	1090	855	812.8		1275	1550	363	4	1114	1286	915
	16	50	25	1295	1420	812.8		1375	1375	363	4	1673	1930	1175

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	3.5	50	25	1170	780	914.4	To be Specified by Purchaser	1250	1415	415	3.5	578	903	510
900	6	50	25	1185	890	914.4		1320	1510	415	3.5	1198	1805	1150
	10	50	25	1185	890	914.4		1405	1695	415	3.5	1198	1805	1100
	16	50	25	1345	1510	914.4		1515	1515	415	3.5	1802	2703	1525
	3.5	50	25	1220	840	1016		1390	1580	415	3	1925	2897	705
1000	6	50	25	1235	915	1016		1470	1580	415	3	1623	2443	1370
	10	50	25	1235	1370	1016		1525	1580	415	3	1623	2443	1165
	3.5	50	25	1290	870	1065		1485	1640	485	3	1514	3114	950
1050	6	50	25	1305	940	1065		1525	1805	485	3	1278	2631	1590
	10	50	25	1305	1490	1065		1630	1940	485	3	1278	2631	1275
	3.5	50	25	1340	900	1120		1525	1725	485	3	1854	3817	1140
1100	6	50	25	1355	965	1120		1595	1805	485	3	1563	3217	1845
	10	50	25	1355	1520	1120		1705	1705	485	3	1563	3217	1420
	3.5	50	25	1435	920	1220		1625	1850	581	2.5	670	4935	1285
1200	6	50	25	1450	1025	1220		1730	1910	581	2.5	1408	4161	2055
	10	50	25	1450	1540	1220		1830	1830	581	2.5	1408	4161	1680