VIBRO-ACOUSTICS®
A Swegon Group company

MEMBER VISCMA

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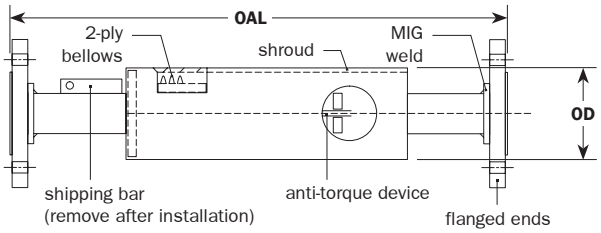
Thermal Expansion Compensators for 2" Movement (pg. 1 of 2)

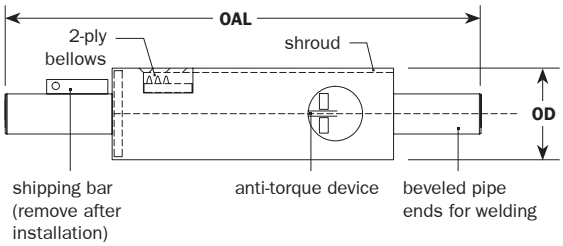
TEC-FL
TEC-SM
TEC-WD

File No.: TEC-001 Date: 11 Dec 2014
Supersedes: New Date: New

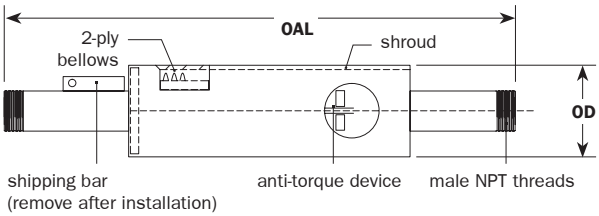
TEC-FL



TEC-WD



TEC-SM



PERFORMANCE AND DIMENSIONS

Model	Nominal Size		"OAL" Overall Length		"OD" Outer Housing Outside Diameter		Maximum Working Pressure	Axial Motion				Weight	
								Compression		Extension			
	in	mm	in	mm	in	mm	psi	in	mm	in	mm	lbs	kg
TEC-FL (2" Movement)													
TEC-0.75-FL	3/4	20	12 5/8	321	3 7/8	98	200	1 3/4	44	1/4	19	9.5	4.3
TEC-1-FL	1	25	12 5/8	321	4 1/4	108	200	1 3/4	44	1/4	19	12	5.4
TEC-1.25-FL	1 1/4	32	14 5/8	371	4 5/8	117	200	1 3/4	44	1/4	19	16.2	7.3
TEC-1.50-FL	1 1/2	40	14 5/8	371	5	127	200	1 3/4	44	1/4	19	19.3	8.8
TEC-2-FL	2	50	14 5/8	371	6	152	200	1 3/4	44	1/4	19	24.2	11
TEC-2.50-FL	2 1/4	65	16	406	7	178	200	1 3/4	44	1/4	19	36.6	16.6
TEC-3-FL	3	80	15 3/4	400	7 1/2	191	200	1 3/4	44	1/4	19	43.5	19.7
TEC-4-FL	4	80	15 3/4	400	9	229	200	1 3/4	44	1/4	19	54.5	24.7
TEC-SM (2" Movement)													
TEC-0.75-SM	3/4	20	12 1/8	308	3	76	200	1 3/4	44	1/4	19	5.5	2.5
TEC-1-SM	1	25	12 1/8	308	3 1/2	89	200	1 3/4	44	1/4	19	7	3.2
TEC-1.25-SM	1 1/4	32	14 1/8	359	4	102	200	1 3/4	44	1/4	19	10.2	4.6
TEC-1.50-SM	1 1/2	40	14 1/8	359	4 1/2	114	200	1 3/4	44	1/4	19	12.3	5.6
TEC-2-SM	2	50	14 1/8	359	4 1/2	114	200	1 3/4	44	1/4	19	13.2	6
TEC-2.50-SM	2 1/2	65	15 1/2	394	5 1/2	140	200	1 3/4	44	1/4	19	19.6	8.9
TEC-3-SM	3	80	15 3/16	386	6 1/2	165	200	1 3/4	44	1/4	19	24.4	11.1
TEC-4-SM	4	80	15 3/16	386	7 3/32	180	200	1 3/4	44	1/4	19	27.5	12.5
TEC-WD (2" Movement)													
TEC-0.75-WD	3/4	20	12 1/8	308	3	76	200	1 3/4	44	1/4	19	5.5	2.5
TEC-1-WD	1	25	12 1/8	308	3 1/2	89	200	1 3/4	44	1/4	19	7	3.2
TEC-1.25-WD	1 1/4	32	12 1/8	308	4	102	200	1 3/4	44	1/4	19	10.2	4.6
TEC-1.50-WD	1 1/2	40	14 1/8	359	4 1/2	114	200	1 3/4	44	1/4	19	12.3	5.6
TEC-2-WD	2	50	14 1/8	359	4 1/2	114	200	1 3/4	44	1/4	19	13.2	6
TEC-2.50-WD	2 1/2	65	15 1/8	394	5 1/2	140	200	1 3/4	44	1/4	19	19.6	8.9
TEC-3-WD	3	80	15 3/16	386	6 1/2	165	200	1 3/4	44	1/4	19	24.4	11.1
TEC-4-WD	4	80	15 3/16	386	7 3/32	180	200	1 3/4	44	1/4	19	27.5	12.5

NOTES

- For proper operation of the expansion joint, all piping must be adequately anchored and guided.
- Maximum operating temperature is 750°F

Project:	**Model:** QTY of sets required:
Customer:	DWN: CHK: REV: DATE:
Consultant:	TAG: UNIT:
V-A Project No.:	COMMENTS:
V-A Project Manager:	

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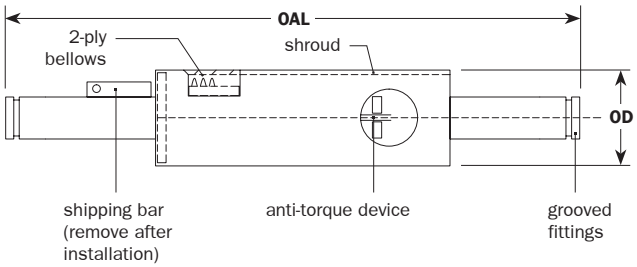
Thermal Expansion Compensators for 2" Movement (pg. 2 of 2)

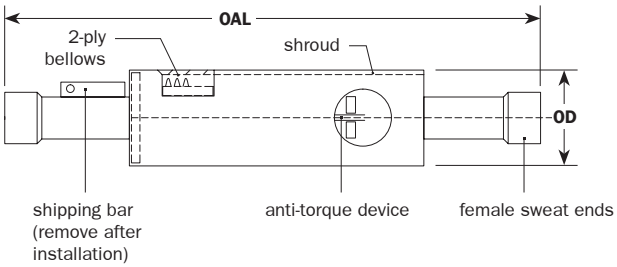
TEC-GR TEC-SW

File No.: TEC-001 Date: 11 Dec 2014
Supersedes: New Date: New

TEC-GR



TEC-SW



PERFORMANCE AND DIMENSIONS

Model	Nominal Size		"OAL" Overall Length		"OD" Outer Housing Outside Diameter		Maximum Working Pressure	Axial Motion				Weight	
								Compression		Extension			
	in	mm	in	mm	in	mm	psi	in	mm	in	mm	lbs	kg
TEC-GR (2" Movement)													
TEC-0.75-GR	3/4	20	12 1/8	308	3	76	200	1 3/4	44	1/4	19	5.5	2.5
TEC-1-GR	1	25	12 1/8	308	3 1/2	89	200	1 3/4	44	1/4	19	7	3.2
TEC-1.25-GR	1 1/4	32	12 1/8	308	4	102	200	1 3/4	44	1/4	19	10.2	4.6
TEC-1.50-GR	1 1/2	40	14 1/8	359	4 1/2	114	200	1 3/4	44	1/4	19	12.3	5.6
TEC-2-GR	2	50	14 1/8	359	4 1/2	114	200	1 3/4	44	1/4	19	13.2	6
TEC-2.50-GR	2 1/2	65	15 1/8	394	5 1/2	140	200	1 3/4	44	1/4	19	19.6	8.9
TEC-3-GR	3	80	15 3/16	386	6 1/2	165	200	1 3/4	44	1/4	19	24.4	11.1
TEC-4-GR	4	80	12 1/2	386	7 3/32	180	200	1 3/4	44	1/4	19	27.5	12.5
TEC-SW (2" Movement)													
TEC-0.75-SW	3/4	20	12 1/2	318	2 3/8	60	200	1 3/4	44	1/4	19	2.2	1
TEC-1-SW	1	25	12 1/2	318	2 3/8	60	200	1 3/4	44	1/4	19	2.4	1.1
TEC-1.25-SW	1 1/4	32	13 13/16	351	2 3/4	70	200	1 3/4	44	1/4	19	3.1	1.4
TEC-1.50-SW	1 1/2	40	13 13/16	351	2 1/2	64	200	1 3/4	44	1/4	19	3.3	1.5
TEC-2-SW	2	50	13 13/16	351	2 3/4	70	200	1 3/4	44	1/4	19	5.5	2.5
TEC-2.50-SW	2 1/2	65	14 7/16	367	4 3/8	111	200	1 3/4	44	1/4	19	7.5	3.4
TEC-3-SW	3	80	14 7/16	367	5	127	200	1 3/4	44	1/4	19	10	4.5

NOTES

- For proper operation of the expansion joint, all piping must be adequately anchored and guided.
- Maximum operating temperature is 750°F

Project:	Model: QTY of sets required:
Customer:	DWN: CHK: REV: DATE:
Consultant:	TAG: UNIT:
V-A Project No.:	COMMENTS:
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