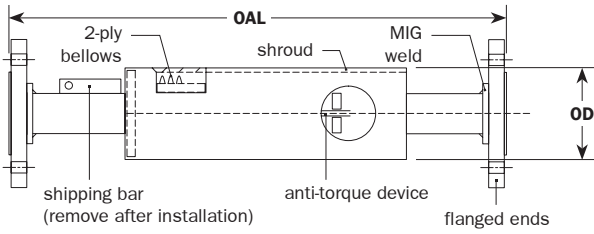


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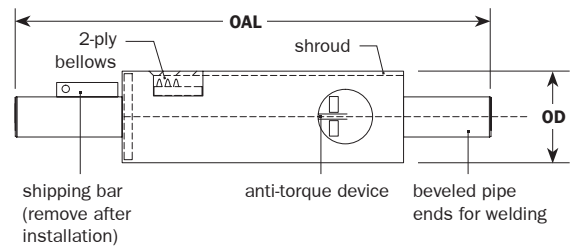
File No.: TEC-002
Supersedes: TEC-001

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Date: 11 Dec 2014

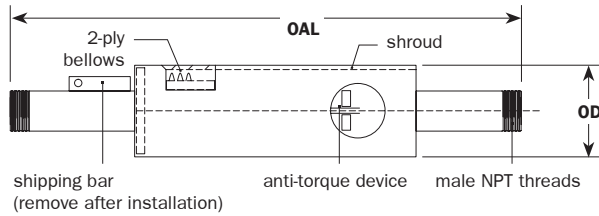
TEC-FL



TEC-WD



TEC-SM



PERFORMANCE AND DIMENSIONS

Model	Nominal Size		"OAL" Overall Length		"OD" Outer Housing Outside Diameter		Maximum Working Pressure psi	Axial Motion		Weight		Effective Area sq.in.		
	in	mm	in	mm	in	mm		Compression in mm	Extension 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	2.2
TEC-1-FL	1	25	12 5/8	321	4 1/4	108	200	1 3/4	44	1/4	19	12	5.4	3.5
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	4.8
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	6.5
TEC-2-FL	2	50	14 5/8	371	6	152	200	1 3/4	44	1/4	19	24.2	11	7.6
TEC-2.50-FL	2 1/4	65	16	406	7	178	200	1 3/4	44	1/4	19	36.6	16.6	12.9
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	16.1
TEC-4-FL	4	80	15 3/4	400	9	229	200	1 3/4	44	1/4	19	54.5	24.7	24.2
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	2.2
TEC-1-SM	1	25	12 1/8	308	3 1/2	89	200	1 3/4	44	1/4	19	7	3.2	3.5
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	4.8
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	6.5
TEC-2-SM	2	50	14 1/8	359	4 1/2	114	200	1 3/4	44	1/4	19	13.2	6	7.6
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	12.9
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	16.1
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	24.2
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	2.2
TEC-1-WD	1	25	12 1/8	308	3 1/2	89	200	1 3/4	44	1/4	19	7	3.2	3.5
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	4.8
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	6.5
TEC-2-WD	2	50	14 1/8	359	4 1/2	114	200	1 3/4	44	1/4	19	13.2	6	7.6
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	12.9
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	16.1
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	24.2

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:				

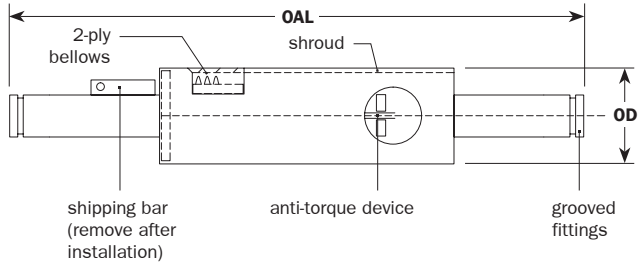
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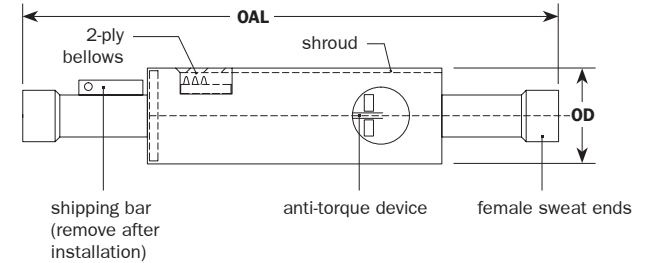
File No.: TEC-002
Supersedes: TEC-001

Date: 7 Apr 2016
Date: 11 Dec 2014

TEC-GR



TEC-SW



PERFORMANCE AND DIMENSIONS

Model	Nominal Size		"OAL" Overall Length	"OD" Outer Housing Outside Diameter		Maximum Working Pressure	Axial Motion		Weight		Effective Area			
	in	mm		in	mm		psi	Compression	Extension	lbs		kg		
			in	mm	in	mm	in	mm	in	mm	sq.in.			
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	2.2
TEC-1-GR	1	25	12 1/8	308	3 1/2	89	200	1 3/4	44	1/4	19	7	3.2	3.5
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	4.8
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	6.5
TEC-2-GR	2	50	14 1/8	359	4 1/2	114	200	1 3/4	44	1/4	19	13.2	6	7.6
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	12.9
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	16.1
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	24.2
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	2.2
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	2.2
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	3.5
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	3.5
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	6.5
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	9.6
TEC-3-SW	3	80	14 7/16	367	5	127	200	1 3/4	44	1/4	19	10	4.5	12.9

NOTES

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- 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:				