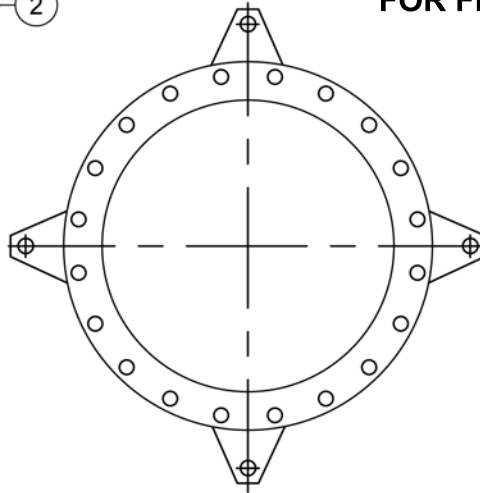
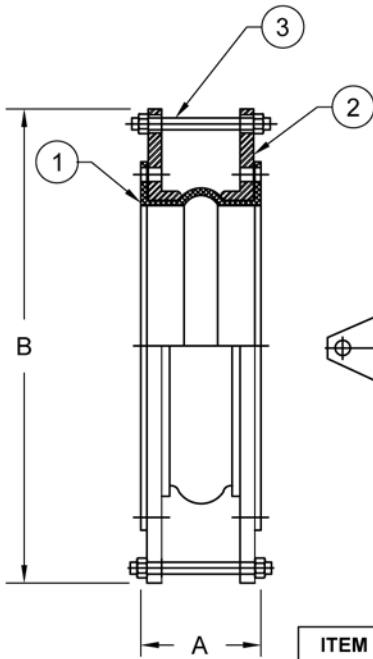


FLEXTRA TS WIDE ARCH EXPANSION JOINT WITH INTEGRAL TIE RODS FOR FIBERGLASS AND PLASTIC PIPE



ITEM	NAME	MATERIAL
1	BODY	EPDM
2	RETAINING RING	DUCTILE IRON
3	CONTROL ROD GALVANIZED	C/S

PIPE SIZE	NO. OF CONTROL RODS
2" - 5"	3
6" - 10"	4
12" - 24"	6

MOVEMENT CAPABILITY AND FORCES @ 0 PSI *

QTY.	SIZE (NPS)	A F/F (IN.)	B (IN.)	PRESSURE (PSIG)	VACUUM (IN. HG.)	COMPRESSION		ELONGATION		LATERAL		ANGULAR	EFFECTIVE AREA (SQ IN.)	WEIGHT (LB)
						MAX DEFL (IN.)	SPRING RATE (LB/IN.)	MAX DEFL (IN.)	SPRING RATE (LB/IN.)	MAX DEFL (IN.)	SPRING RATE (LB/IN.)	MAX DEFL (DEG.)		
	2"	6	8-1/2"	150	10	1-3/4	126	3/4	160	3/4	213		14	7
	2-1/2"	6	9-3/8"	150	10	1-3/4	160	3/4	200	3/4	227		17	9
	3"	6	10"	150	10	1-3/4	189	3/4	240	3/4	253		21	10
	4"	6	11-1/8"	150	10	1-3/4	257	3/4	333	3/4	280		36	11
	5"	6	13"	150	10	1-3/4	314	3/4	413	3/4	333		50	14
	6"	6	14"	150	10	1-3/4	383	3/4	493	1	370		66	18
	8"	6	16-1/2"	150	10	1-3/4	423	3/4	547	1	450	**	101	25
	10"	8	19"	150	10	1-3/4	531	3/4	693	1	480		145	36
	12"	8	22"	150	10	1-3/4	554	3/4	733	1	570		199	48
	14"	8	28"	150	10	2	595	7/8	766	1-1/8	667		260	60
	16"	8	32"	150	10	2	635	7/8	823	1-1/8	773		329	68
	18"	8	33"	150	10	2	715	7/8	926	1-1/8	853		403	77
	20"	8	36"	150	10	2	795	7/8	1029	1-1/8	951		482	77
	24"	10	40"	150	10	2	1070	7/8	1417	1-1/8	1022		695	120

MAXIMUM WORKING TEMPERATURE: 230°

***CALCULATING ANCHOR/THRUST LOADS:**

MULTIPLY THE GREATER OF THE MAXIMUM SYSTEM TEST PRESSURE OR OPERATING PRESSURE TIMES THE EFFECTIVE AREA TO OBTAIN THE FORCE THAT WILL BE EXERTED BY THE PRESSURIZED EXPANSION JOINT ON THE ADJACENT PIPING. ANCHORS MUST BE STRONGER THAN THIS FORCE IF THE JOINT IS TO COMPRESS AND COMPENSATE FOR THE PIPE'S THERMAL EXPANSION. PIPE GUIDES WILL BE NECESSARY TO DIRECT MOVEMENT OF THE PIPE'S EXPANSION.

****DUE TO UNEVEN LOADING OF TIE RODS FACTORY MUST BE CONSULTED.**

CUSTOMER: _____
PROJECT: _____
ENGINEER: _____

REV.	A	DATE 3/1/16
FLEXICRAFT		FLEXICRAFT INDUSTRIES CHICAGO, IL www.flexicraft.com
DESCRIPTION: FLEXTRA TS RUBBER EXPANSION JOINT		
DRAWN BY:	PB	DATE: 3/1/16
APPROVED:		DATE:
SCALE:	DRAWING NUMBER:	
NONE		