

SPECIFICATIONS : IDS- DOUBLE SPHERE EPDM FLEXIBLE CONNECTION

Model	D. NOM. PIPE SIZE		L: FACE TO FACE LENGTH		LATERAL DEFLECTION (±)		AXIAL EXTENSION		AXIAL COMPRESSION		ANGULAR	WEIGHT		WORKING PRESSURE WITHOUT CONTROL ROD	WORKING PRESSURE WITH CONTROL ROD	WORKING TEMPERATURE RANGE	QTY		
	in	mm	in	mm	in	mm	in	mm	in	mm	deg.	lbs.	Kg						
IDS-1.5	1 ½	178	7	178	1.75	45	1.125	29	2	50	45	9	4	150 PSI AT 170 °F OPERATING TEMPERATURE	225 PSI AT 170 °F OPERATING TEMPERATURE	20 °F TO 170 °F			
IDS-2	2	178	7	178	1.75	45	1.125	29	2	50	45	12	5						
IDS-2.5	2 ½	178	7	178	1.75	45	1.125	29	2	50	43	15	7						
IDS-3	3	178	7	178	1.75	45	1.125	29	2	50	38	17	8						
IDS-4	4	229	9	229	1.5	38	1.375	35	2	50	34	23	10	135 PSI AT 170 °F OPERATING TEMPERATURE					
IDS-5	5	229	9	229	1.5	38	1.375	35	2	50	29	27	12						
IDS-6	6	229	9	229	1.5	38	1.375	35	2	50	25	36	16	90 PSI AT 170 °F					
IDS-8	8	330	13	330	1.375	35	1.375	35	2.375	61	19	49	22						
IDS-10	10	330	13	330	1.375	35	1.375	35	2.375	61	15	71	32						
IDS-12	12	330	13	330	1.375	35	1.375	35	2.375	61	13	98	44						

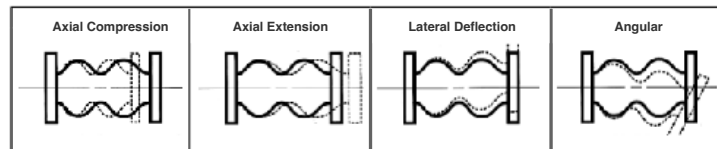
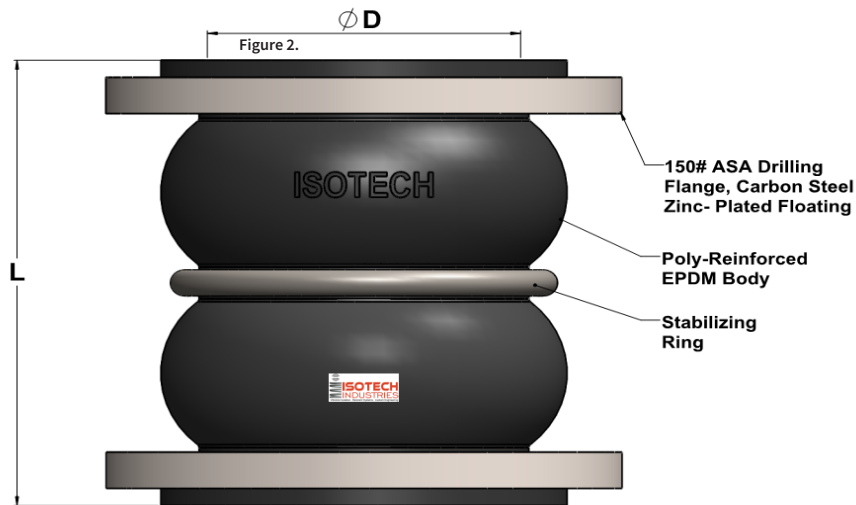


Figure 1. ALLOWABLE MOVEMENTS

Important Notes:

1. Movements listed cannot occur at the same time
2. Maximum Negative Pressure 20 in HG Vacuum
3. Safety factor 3:1 (burst to operating pressure)
4. Vulcanized Rubber bellows (tube and cover) are made of EPDM and reinforced by multiple nylon cords
5. Contact Factory for other size and material

PROJECT INFORMATION		EQUIPMENT INFORMATION		Canada location	USA Location
Customer:		Type:		35 Siltan Road Woodbridge ON L4L 7Z8 CANADA T: 905-856-5001	3021 E Coronado St. Anaheim, CA.,92806 U.S.A T: 949-788-2930
Project:		Qty Required:			
Drawing No:		Operating Weight:			
Notes:				Tool free : 1-888-831-3311 www.isotechindustries.com	

