



NPS	Size (DN)	Length(L) mm/inch	Working Pressure barg/Psig	Working Temperature °C/°F	Movement				Life Cycle	Flange Standard
					Axial Extension mm/inch	Axial Compression mm/inch	Lateral mm/inch	Angular		
1	25	150/5.9	16/232	115/239	12/0.47	13/0.52	±13/±0.52	15°	Above 8000	ANSI B 16.5#150
1 1/4	32	150/5.9	16/232	115/239	12/0.47	13/0.52	±13/±0.52	15°	Above 8000	ANSI B 16.5#150
1 1/2	40	150/5.9	16/232	115/239	12/0.47	13/0.52	±13/±0.52	15°	Above 8000	ANSI B 16.5#150
2	50	150/5.9	16/232	115/239	12/0.47	13/0.52	±13/±0.52	15°	Above 8000	ANSI B 16.5#150
2 1/2	65	150/5.9	16/232	115/239	12/0.47	13/0.52	±13/±0.52	15°	Above 8000	ANSI B 16.5#150
3	80	150/5.9	16/232	115/239	12/0.47	13/0.52	±13/±0.52	15°	Above 8000	ANSI B 16.5#150
4	100	150/5.9	16/232	115/239	12/0.47	16/0.63	±16/±0.63	15°	Above 8000	ANSI B 16.5#150
5	125	150/5.9	16/232	115/239	16/0.63	16/0.63	±13/±0.52	15°	Above 8000	ANSI B 16.5#150
6	150	150/5.9	16/232	115/239	12/0.47	16/0.63	±16/±0.63	15°	Above 8000	ANSI B 16.5#150
8	200	150/5.9	16/232	115/239	12/0.47	16/0.63	±16/±0.63	15°	Above 8000	ANSI B 16.5#150
10	250	200/7.9	16/232	115/239	15/0.59	16/0.63	±16/±0.63	15°	Above 8000	ANSI B 16.5#150
12	300	200/7.9	16/232	115/239	15/0.59	16/0.63	±16/±0.63	15°	Above 8000	ANSI B 16.5#150
14	350	200/7.9	16/232	115/239	15/0.59	16/0.63	±16/±0.63	15°	Above 8000	ANSI B 16.5#150
16	400	200/7.9	16/232	115/239	15/0.59	16/0.63	±16/±0.63	15°	Above 8000	ANSI B 16.5#150
18	450	200/7.9	16/232	115/239	15/0.59	16/0.63	±16/±0.63	15°	Above 8000	ANSI B 16.5#150
20	500	200/7.9	16/232	115/239	15/0.59	16/0.63	±16/±0.63	15°	Above 8000	ANSI B 16.5#150
24	600	250/9.84	16/232	115/239	15/0.59	16/0.63	±16/±0.63	15°	Above 8000	ANSI B 16.5#150

Notes :

1. Bellow Tolerance will be as per FSA USA Standard.
2. Flange drill dimension will be as per ANSI B16.5#150.
3. Matching flange should be of flat face .

Testing :

1. Raw material check test for chemical composition and mechanical properties.
2. Dimension and visual check.

5	Nut , Washer	IS 1367 CI 4.0,IS 2016 (Zinc Electroplated)	AR
4	Limit Rod	IS 1367 CI 4.6 (Zinc Electroplated)	AR
3	Lugs	IS 2062 Gr.B (Hot Dip Galvanized)	AR
2	Flange	IS 2062 Gr.B (Hot Dip Galvanized)	2
1	Bellow	EPDM	1
Sl.No.	Description	Material	Pcs.

Bill of Material

Title:-Floating Flanges Rubber Expansion Joint

DRAWN BY
CHECKED BY
APPROVED BY
SCALE: NTS

OWNER :
Easyflex / VibraSystems

DATE REV:- 00