



Technical Specification

Working Pressure	1.6Mpa (16 kgf/cm ²)
Bursting Pressure	3.0Mpa (30 kgf/cm ²)
Vacuum Degree	650mmHg
Working Temperature	(-15°C to +115°C) (-30°C to +250°C) on special request
Working Medium	Vapour, compressed air, cold & hot water, seawater, oil, weak acid, alkali
Drilling	ANSI 150lbs, DIN PN10, PN16

Item No.	Description	Material
1	Main Body	Neoprene, EPDM, NBR
2	Lining	Chinlon Cord Fabrics
3	Frame	Hard Steel Wires
4	Flange	Carbon Steel

Dimensions

Nominal Core Diameter		Length	Flange Thickness			Number of Bolt Holes			Diameter of Bolt Holes			Bolt Circle Diameter		Axial Displacement		Lateral Displacement	Angle of Deflection	
L		b	n			d			D		mm		mm	a1 + a2				
mm	inch	mm	mm			mm			mm			Stretch	Compression					
			ANSI 150lbs	DIN	PN16	ANSI 150lbs	DIN	PN16	ANSI 150lbs	DIN	PN16	ANSI 150lbs	DIN	PN16				
32	1 1/4"	95	16	16		4	4		15.7	18		88.9	100		6	9	9	15°
40	1 1/2"	95	16	16		4	4		15.7	18		98.6	110		6	10	9	15°
50	2"	105	18	18		4	4		19.1	18		120.7	125		7	10	10	15°
65	2 1/2"	115	18	18		4	4		19.1	18		139.7	145		7	13	11	15°
80	3"	135	20	20		4	8		19.1	18		152.4	160		8	15	12	15°
100	4"	150	20	20		8	8		19.1	18		190.5	180		10	19	13	15°
125	5"	165	22	22		8	8		22.4	18		215.9	210		12	19	13	15°
150	6"	180	22	22		8	8		22.4	23		241.3	240		12	20	14	15°
200	8"	210	24	24		8	12		22.4	23		298.5	295		16	25	22	15°
250	10"	230	26	28		12	12		25.4	27		362	355		16	25	22	15°
300	12"	245	28	28		12	12		25.4	27		431.8	410		16	25	22	15°
350	14"	255	30	30		12	16		28.4	27		476.3	470		16	25	22	15°
400	16"	255	32	32		16	16		28.4	30		539.8	525		16	25	22	15°
500	20"	255	34	36		20	20		31.8	33		635	650		16	25	22	15°
600	24"	260	36	38		20	20		35.1	36		749.3	770		16	25	22	15°