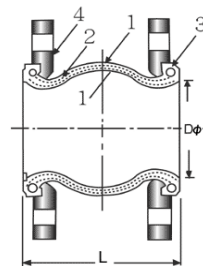




Structure

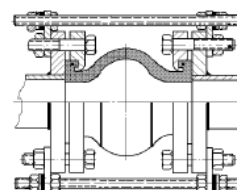
Item No	Part	Material
1	Body	CR, EPDM, IIR, NBR, CSM, VITON
2	Reinforcement	Nylon Cord Fabric
3	Wire	Hard Steel Wire
4	Floating Flange	Mild Steel Zinc Plated, SS304 & SS316/L



Flanges Drilling: Available BS10 Table D/E/F, ANSI B 16.5, DIN 2501, DIN 2632, 2633 BS 4504, AS 2129, ISO 7005, etc. and other standard drilling for your specifications.

Features

- Four way greater movements provide high level of installation flexibility.
- Precision molded of synthetic rubber reinforced with nylon cord.
- Excellent ability to absorb vibration and sound, withstand high pressure
- Withstand chemical corrosion, to resist acid and ozone attack.
- Easy to install, use floating flanges.



Application

Inner Tube Material	Outer Cover Material	Application
Neoprene	Neoprene	Excellent Aging resistance, for alkaline and acid salt solutions and aldehydes.
EPDM	EPDM	Higher temp. good ozone resistance, resilience, bend easier lower temp, but not suitable for oil.
Nitrile	Neoprene	Recommend for oils, greases, petrol, fats, glycols, alcohols, ethers and gas.
Nitrile	Nitrile	For drinking water or food grade white color quality up to 150 psi/10bar at 158F/70°C

***Also available in Butyl and Hypalon**

Specification

Nominal	Diameter	Face to Face (inch)	Temp. °C Min-Max	Allowable Movement (inches)				Pressures	
				Axial Compression	Axial Extension	Lateral Deflection	Angular Degrees	Positive P.S.I.G. at 80 °C	Negative Vacuum mmHg
1-1/4"	32	5.12	-30-110	0.51	0.39	0.51	31	225(16)	660
1-1/2"	40	5.12	-30-110	0.51	0.39	0.51	27	225(16)	660
2"	50	5.12	-30-110	0.51	0.39	0.51	20	225(16)	660
2-1/2"	65	5.12	-30-110	0.51	0.39	0.51	17	225(16)	660
3"	80	5.12	-30-110	0.51	0.39	0.51	14	225(16)	660
4"	100	5.12	-30-110	0.75	0.51	0.51	14	225(16)	660
5"	125	5.12	-30-110	0.75	0.51	0.51	11	225(16)	660
6"	160	5.12	-30-110	0.75	0.51	0.51	9	225(16)	660
8"	200	5.12	-30-110	0.75	0.51	0.51	7	225(16)	660
10"	250	5.12	-30-110	0.98	0.63	0.75	7	225(16)	660
12"	300	5.12	-30-110	0.98	0.63	0.75	6	225(16)	660



Specification

Nominal Inch	Diameter mm	Face to Face (inch)	Temp. °C Min-Max	Allowable Movement (inches)			Angular Degrees	Pressures	
				Axial Compression	Axial Extension	Lateral Deflection		Positive P.S.I.G. at 80 °C	Negative Vacuum mmHg
1-1/4"	32	5.12	-30-110	0.51	0.39	0.51	31	290(20)	660
1-1/2"	40	5.12	-30-110	0.51	0.39	0.51	27	290(20)	660
2"	50	5.12	-30-110	0.51	0.39	0.51	20	290(20)	660
2-1/2"	65	5.12	-30-110	0.51	0.39	0.51	17	290(20)	660
3"	80	5.12	-30-110	0.51	0.39	0.51	14	290(20)	660
4"	100	5.12	-30-110	0.75	0.51	0.51	14	290(20)	660
5"	125	5.12	-30-110	0.75	0.51	0.51	11	290(20)	660
6"	160	5.12	-30-110	0.75	0.51	0.51	9	290(20)	660
8"	200	5.12	-30-110	0.75	0.51	0.51	7	290(20)	660
10"	250	5.12	-30-110	0.98	0.63	0.75	7	290(20)	660
12"	300	5.12	-30-110	0.98	0.63	0.75	6	290(20)	660

Specification

Nominal Inch	Diameter mm	Face to Face (inch)	Temp. °C Min-Max	Allowable Movement (inches)			Angular Degrees	Pressures	
				Axial Compression	Axial Extension	Lateral Deflection		Positive P.S.I.G. at 80 °C	Negative Vacuum mmHg
1-1/4"	32	5.12	-30-110	0.51	0.39	0.51	31	355(25)	660
1-1/2"	40	5.12	-30-110	0.51	0.39	0.51	27	355(25)	660
2"	50	5.12	-30-110	0.51	0.39	0.51	20	355(25)	660
2-1/2"	65	5.12	-30-110	0.51	0.39	0.51	17	355(25)	660
3"	80	5.12	-30-110	0.51	0.39	0.51	14	355(25)	660
4"	100	5.12	-30-110	0.75	0.51	0.51	14	355(25)	660
5"	125	5.12	-30-110	0.75	0.51	0.51	11	355(25)	660
6"	160	5.12	-30-110	0.75	0.51	0.51	9	355(25)	660
8"	200	5.12	-30-110	0.75	0.51	0.51	7	355(25)	660
10"	250	5.12	-30-110	0.98	0.63	0.75	7	355(25)	660
12"	300	5.12	-30-110	0.98	0.63	0.75	6	355(25)	660

Operation Conditions

Size	Working Pressure	NOTES
1-1/4" - 6"	16/20/25 kg/cm ²	
8" - 12"	16 kg/cm ²	Tie Rod Recommended
8" - 12"	20 kg/cm ²	Install With Tie Rod
8" - 12"	25 kg/cm ²	