

Flexible Metal & Rubber Compensators, Flange



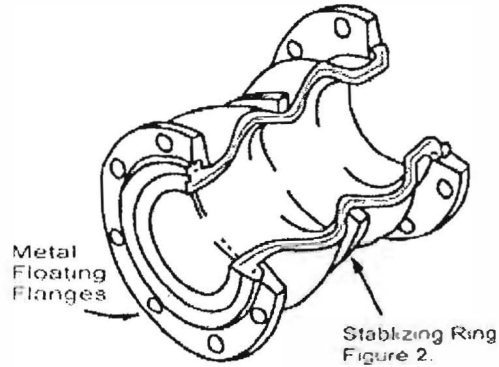
Product Information



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Series 120 twin sphere with flange:

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Series 120 twin sphere with flange:



Series 120 Double-Sphere Connectors

Structure

Item No	Part	Material
1	Body	CR, EPDM, IIR, NBR, CSM, VITON
2	Reinforce	Nylon Cord Fabric
3	Wire	Hard Steel Wire
4	Floating Flange	Mild Steel Zinc Plated RST 37-2

Flanges drilling: Available ANSI B 16.5, DIN 2501, JIS B 2210, BS 4504, AS 2129, ISO 7005, etc. and other standard drilling for your specifications.

Features

- 1, Four way greater movements provide high level of installation flexibility.
- 2, Precision molded of synthetic rubber reinforced with nylon tire cord.
- 3, Excellent ability to absorb vibration and sound, withstand high pressure
- 4, Withstand chemical corrosion, to resist acid and ozone attack.

Application

Colour Code	Tube In Material	Cover out Material	Application
Blue	Neoprene	Neoprene	Excellent Aging resistance, for alkaline and acid salt solutions and aldehydes.
Red	EPDM	EPDM	Higher temp. ozone resistance, good resilience, bend easier in lower temp, but not suitable oils.
Black	Butyl	Butyl	Lower impermeable; offer ozone, weather, abrasion, chemical resistance.
Yellow	Nitrile	Neoprene	Recommend for oils, greases, petrol, fats, glycos, alcohols, ethers and gas.

White Nitrile Nitrile For drinking water or food grade white color quality up to at at 150 psi/10 bar at 158° F/70° C

Green Hypalon Hypalon Ozone resistance sunlight stable, for strong acids, alkalis and chemicals.

Specification

Nominal Diameter	Face to Face	Temp. (° C)	Travel mm Total Com-pressed Extended	Allowable Movement (mm)				Pressure	
				Axial Com-Pression	Axial Extension	Lateral Deflection	Angular Deflection	Positive P.S.I.G.(Bar) at 80° C	Vacuum mm Hg
1-1/4"	32	7	- 30 - 110 125-205	53	27	45	40°	225(16)	660
1-1/2"	40	7	- 30 - 110 125-205	53	27	45	40°	225(16)	660
2"	50	7	- 30 - 110 125-205	53	27	45	40°	225(16)	660
2-1/2"	65	7	- 30 - 110 125-205	53	27	45	40°	225(16)	660
3"	80	7	- 30 - 110 125-205	53	27	45	40°	225(16)	660
4"	100	9	- 30 - 110 175-260	53	31	40	35°	225(16)	660
5"	125	9	- 30 - 110 175-260	53	31	40	35°	225(16)	660
6"	150	9	- 30 - 110 175-260	53	31	40	35°	225(16)	660
8"	200	13	- 30 - 110 265-360	65	30	35	30°	225(16)	660
10"	250	13	- 30 - 110 265-360	65	30	35	30°	225(16)	660
12"	300	13	- 30 - 110 265-360	38	30	35	30°	225(16)	660
14"	350	13.78	- 30 - 110 265-360	38	28	28	20	150(10)	660
16"	400	13.78	- 30 - 110 265-360	38	28	28	20	150(10)	660
18"	450	13.78	- 30 - 110 265-360	38	28	28	20	150(10)	660
20"	500	13.78	- 30 - 110 265-360	38	28	28	20	150(10)	660

Operation Conditions

1" to 12" Burst Pressure : 60 Kg/cm2, working pressure: 16 kg/cm2
 14" to 20" Burst Pressure : 40 Kg/cm2, working pressure: 10 kg/cm2

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