

Style 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
5	Ring	Malleable Iron

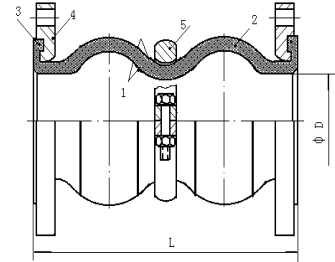


STYLE 120橡胶接头 (35)

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 cord.
- 3, Excellent ability to absorb vibration and sound, withstand high pressure
- 4, Withstand chemical corrosion, to resist acid and ozone attack.
- 5, Easy to install, use floating flanges.



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. good ozone resistance, resilience, bend easier lower temp, but not suitable for oils.
Black	Butyl	Butyl	Lower impermeable; resistance offer to ozone, weather, abrasion, chemical.
Yellow	Nitrile	Neoprene	Recommend for oils, greases, petrol, fats, glycols, alcohols, ethers and gas.
White	Nitrile	Nitrile	For drinking water or food grade white color quality up to 150 psi/10bar at 158F/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	Allowable Movement (mm)				Pressures	
				Axial	Axial	Lateral	Angular	Positive P.S.I.G.	Negative* Vacuum
Inch	mm	Min-Max	Total Compressed	Compression	Extension	Deflection	Deflection	at 80 °C	mm
1-1/4"	32	-30-110	125-205	50	30	45	45	225(16)	660
1-1/2"	40	-30-110	125-205	50	30	45	45	225(16)	660
2"	50	-30-110	125-205	50	30	45	45	225(16)	660
2-1/2"	65	-30-110	125-205	50	30	45	43	225(16)	660
3"	80	-30-110	125-205	50	30	45	38	225(16)	660
4"	100	-30-110	175-260	50	35	40	34	225(16)	660
5"	125	-30-110	175-260	50	35	40	29	225(16)	660
6"	160	-30-110	175-260	50	35	40	25	225(16)	660
8"	200	-30-110	265-360	60	35	35	19	225(16)	660
10"	250	-30-110	265-360	60	35	35	15	225(16)	660
12"	300	-30-110	265-360	60	35	35	13	225(16)	660
14"	350	-30-110	265-360	45	30	28	9	150(10)	660
16"	400	-30-110	265-360	45	30	28	8	150(10)	660
18"	450	-30-110	265-360	45	30	28	7	150(10)	660
20"	500	-30-110	265-360	45	30	28	7	150(10)	660

Operation Conditions

Size	Working Pressure	Burst Pressure
1-1/4" - 6"	16 kg/cm ²	60 kg/cm ²
8" - 12"	10 kg/cm ²	40 kg/cm ²
14" - 20"	8 kg/cm ²	32 kg/cm ²

*: For vacuum applications, please contact sales for professional advice.

Pressure rating is valid if and only if vacuum ring is utilized.