

**STAINLESS STEEL OR CAST STEEL
TWIN SPHERE BALL FLEXIBLE RUBBER JOINT**

DESIGN DESCRIPTION:

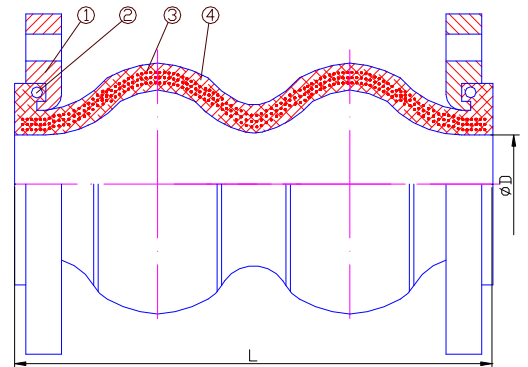
- Design: *Manufacture STD;*
- Manufacture: *Factory STD;*
- Flange: *ANSI B16.5, DIN 2501, JIS B2210,BS4504, AS2129, etc.*
- Four way greater movements provide;
- High level of installation flexibility;
- Precision molded of synthetic rubber;
- Reinforced with nylon tire cord;
- Excellent ability to absorb vibration and sound;
- Withstand high pressure;
- Withstand chemical corrosion;
- To resist acid and ozone attack.
- Working Press. and Working Temp.:
 - ◆ DN40-DN300(1-1/2"~12"):1.6Mpa Max
 - ◆ DN350-DN500(14"~20"):1.0Mpa Max
 - ◆ Buna-N: -10℃-71℃(160°F)
 - ◆ EPDM: -10℃-80℃(176°F)



PARTS AND MATERIAL:

NO.	PARTS NAME	MATERIALS
1	FLOATING FLANGE	MID STEEL ZINC PLATE RST 37-2
2	WIRE	HARD STEEL WIRE
3	REINFORCE	NYLON CORD FABRIC
4	BODY	CR,EPDM,IIR,NBR,CSM,VITON

OTHER MATERIALS ARE AVAILABLE UPON REQUEST.



DIMENSIONS LIST(UNIT:MM):

Nominal Diameter				Allowable Movement (mm)				Pressure		
Size		Face to Face	Temp.(℃)	Travel mm Total Compressed	Axial Compression	Axial Extension	Lateral Deflection	Angular Deflection	Positive P.S.I.G.(Bar) at 80° C	Vacuum mm Hg
Inch	mm	Inch	Min-Max	Extended	n					
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

✧ We hereby reserve the rights of any alternative dimension that would help to improve our valve's quality and working efficiency.