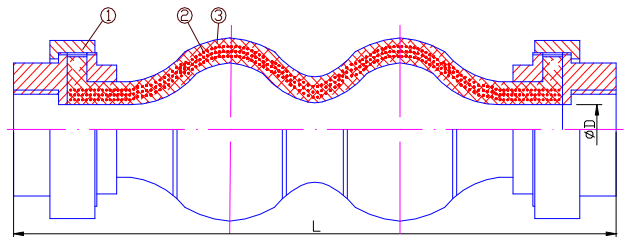


**MALLEABLE IRON  
TWIN SPHERE BALL FLEXIBLE RUBBER JOINT**

**DESIGN DESCRIPTION:**

- Design: *Manufactory 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	REINFORCE	NYLON CORD FABRIC
3	BODY	CR,EPDM,IIR,NBR,CSM,VITON

OTHER MATERIALS ARE AVAILABLE UPON REQUEST.

**DIMENSIONS LIST(UNIT:MM):**

Nominal Diameter					Allowable Movement ( mm )				Pressures	
Size		Installed Length mm	Min-Max Installed	Travel mm Total Compressed Extended	Axial	Axial	Lateral	Angular	Positive PSIG at 80° C	Vacuum mm
Inch	mm				Compression	Extension	Deflection	Deflection		
<b>S202 Twin Sphere Connectors</b>										
1/2"	15	203	186-206	181-209	22	6	22	32°	150	660
3/4"	20	203	186-206	181-209	22	6	22	32°	150	660
1"	25	203	186-206	181-209	22	6	22	25°	150	660
1-1/4"	32	203	186-206	181-209	22	6	22	25°	150	660
1-1/2"	40	203	186-206	181-209	22	6	22	20°	150	660
2"	50	203	186-206	181-209	22	6	22	15°	150	660
2-1/2"	65	240	223-244	218-246	22	6	22	12°	150	660
3"	80	240	223-244	218-246	22	6	22	10°	150	660
<b>S102 Single Sphere Connectors</b>										
1/2"	15	203	186-206	181-209	22	6	22	32°	150	660
3/4"	20	203	186-206	181-209	22	6	22	32°	150	660
1"	25	203	186-206	181-209	22	6	22	25°	150	660
1-1/4"	32	203	186-206	181-209	22	6	22	25°	150	660
1-1/2"	40	203	186-206	181-209	22	6	22	20°	150	660
2"	50	203	186-206	181-209	22	6	22	15°	150	660

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