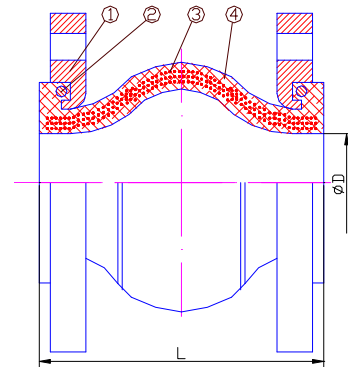


**STAINLESS STEEL OR CAST STEEL
SINGLE SPHERE BALL FLEXIBLE RUBBER JOINT**

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	
Inch	mm	Face to Face mm	Temp. C degree Min-Max	Travel mm Total Compressed Extended	Axial Compressio n	Axial Extension	Lateral Deflection	Angular Deflectio n	Positive PSIG/BAR at F/80 C	Vacuum mm Hg
S101										
1-1/4"	32	95	30 - 110	87-99	9	6	9	15	225(16)	660
1-1/2"	40	95	30 - 110	87-99	10	6	9	15	225(16)	660
2"	50	105	30 - 110	99-110	10	7	10	15	225(16)	660
2-1/2"	65	115	30 - 110	103-121	13	7	11	15	225(16)	660
3"	80	130	30 - 110	118-133	15	8	12	15	225(16)	660
4"	100	135	30 - 110	117-145	19	10	13	15	225(16)	660
5"	125	170	30 - 110	152-180	19	12	13	15	225(16)	660
6"	150	180	30 - 110	162-190	20	12	13	15	225(16)	660
8"	200	205	30 - 110	180-220	25	16	14	15	225(16)	660
10"	250	240	30 - 110	215-254	25	16	22	15	225(16)	660
12"	300	260	30 - 110	235-274	25	16	22	15	225(16)	660
14"	350	265	30 - 110	240-281	25	16	22	15	150(10)	660
16"	400	265	30 - 110	240-281	25	16	22	15	150(10)	660
18"	450	265	30 - 110	240-281	25	16	22	15	150(10)	660
20"	500	265	30 - 110	240-281	25	16	22	15	150(10)	660
24"	600	265	30 - 110	240-281	25	16	22	15	150(10)	660
S201										
1-1/4"	32	150	- 30 - 110	140-162	20	12	14	15°	225(16)	660
1-1/2"	40	150	- 30 - 110	140-162	20	12	14	15°	225(16)	660
2"	50	150	- 30 - 110	140-162	20	12	14	15°	225(16)	660
2-1/2"	65	150	- 30 - 110	140-162	20	12	14	15°	225(16)	660
3"	80	150	- 30 - 110	140-162	20	12	14	15°	225(16)	660
4"	100	150	- 30 - 110	133-165	20	12	14	15°	225(16)	660
5"	125	150	- 30 - 110	133-165	20	12	14	15°	225(16)	660
6"	150	150	- 30 - 110	133-165	20	12	14	15°	225(16)	660
8"	200	150	- 30 - 110	133-165	25	12	22	15°	225(16)	660
10"	250	200	- 30 - 110	178-219	25	16	22	15°	225(16)	660
12"	300	200	- 30 - 110	178-219	25	16	22	15°	225(16)	660
14"	350	200	- 30 - 110	178-219	25	16	22	15°	150 (10)	660
16"	400	200	- 30 - 110	178-219	25	16	22	15°	150 (10)	660
18"	450	200	- 30 - 110	178-219	25	16	22	15°	150 (10)	660
20"	500	200	- 30 - 110	178-219	25	16	22	15°	150 (10)	660

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