

Single Sphere REJ with Floating Flanges

Style SRSA

SUPERIOR



DESIGN

A moulded Rubber Bellow that combines elastic properties of rubber with textile reinforcements and integrated with alignable Floating Steel Flanges to provide a flexible pipe joint.

APPLICATIONS

For use in Water Lines & HVAC systems in:

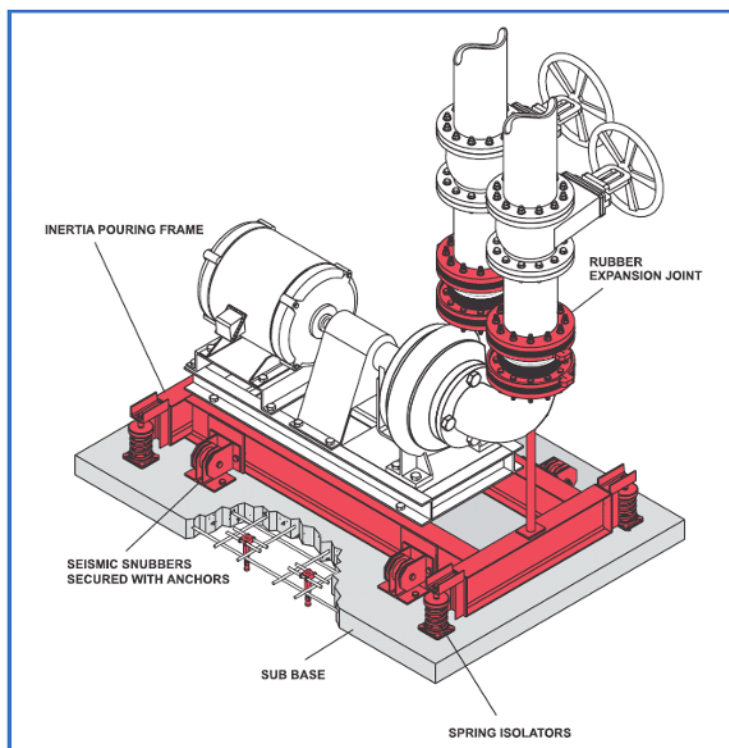
- RESIDENTIAL HOUSES
- COMMERCIAL BUILDINGS
- INDUSTRIAL PLANTS/ PREMISES
- SEWAGE TREATMENT PLANTS
- CHEMICAL PLANTS
- POWER PLANTS
- MARINE SYSTEMS

ADVANTAGES

- WIDE FLOWING ARCH. VIRTUALLY ELIMINATES SEDIMENT BUILD UP
- FLOATING FLANGE EASES INSTALLATION
- COMPENSATES FOR AXIAL MOVEMENTS DUE TO THERMAL CHANGES & MISALIGNMENT
- COMPENSATES FOR LATERAL, TORSIONAL AND ANGULAR MOVEMENTS
- ISOLATES VIBRATIONS, DAMPENS NOISE AND PRESSURE SURGES
- SUITABLE FOR SUCTION AND DISCHARGE

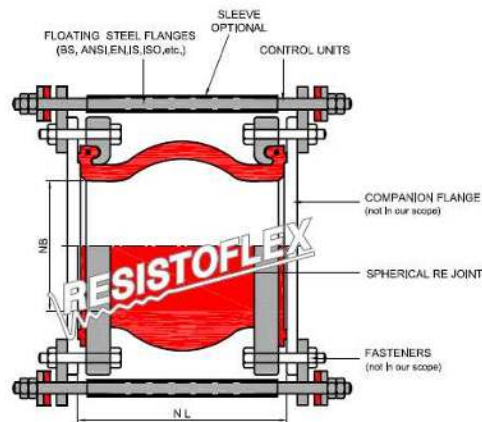
EVERY JOINT IS TESTED FOR PRESSURE & VACUUM

for durability, long life & trouble free service





REJ for anchored / guided pipelines



REJ with Control Units for other lines

CONSTRUCTION

S.No.	COMPONENT	MATERIAL
1	Outer Rubber	Synthetic Rubber
2	Inner Rubber	Synthetic Rubber
3	Reinforcement	Synthetic Cord
4	Flanges	Mild Steel
Applications	Standard	Water, Sea Water, Acid, Alkali, Compressed Air etc.
	Optional	Oils, Hydraulic Oil, Hot Water

DESIGN CONDITIONS

TYPE		PN 2.5	PN 10	PN 16	PN 25
Maxm. Working Pressure	Kgf/cm ²	2.5	10	16	25
Test Pressure	Kgf/cm ²	3.8	15	25	38
Vacuum	mm of Hg	250	400	650	750
Flange Drillings	Standard	IS 6392	BS 10 D	BS 10 E	IS 6392
	Optional	ASME B16.5/BS 4504/ISO 7005/EN 1092			
Temperature	-10° to +70° C (Optional -20° to +115° C)				

1 bar = 1 Mpa = 1 Kg/cm² = 14.5 psi

TECHNICAL CHARACTERISTICS

CODE	DIMENSIONS		MAXIMUM ALLOWABLE MOVEMENTS (Not Simultaneous)			
	NOMINAL BORE	NEUTRAL LENGTH	AXIAL COMPRESSION	AXIAL ELONGATION	LATERAL DEFLECTION	ANGULAR MOVEMENT
	NB (mm)	NL (mm)	(mm)	(mm)	(mm)	(Deg.)
REJR-SRSA-0020	20	150	8	5	8	15°
REJR-SRSA-0025	25	150	8	5	8	15°
REJR-SRSA-0032	32	150	9	6	9	15°
REJR-SRSA-0040	40	150	10	6	9	15°
REJR-SRSA-0050	50	150	10	7	10	15°
REJR-SRSA-0065	65	150	13	7	11	15°
REJR-SRSA-0080	80	150	15	8	12	15°
REJR-SRSA-0100	100	150	19	10	13	15°
REJR-SRSA-0125	125	150	19	12	13	15°
REJR-SRSA-0150	150	150	20	12	14	15°
REJR-SRSA-0200	200	150	25	16	22	15°
REJR-SRSA-0250	250	200	25	16	22	15°
REJR-SRSA-0300	300	200	25	16	22	15°
REJR-SRSA-0350	350	200	25	16	22	15°
REJR-SRSA-0400	400	200	25	16	22	15°
REJR-SRSA-0450	450	200	25	16	22	15°
REJR-SRSA-0500	500	200	25	16	22	15°
REJR-SRSA-0600	600	250	25	16	22	15°

- Suffix CU for REJ with Control Units
- Consult Resistoflex for special sizes, end connections, conveying medium, operating Conditions

In the interest of continual development and improvement, the company reserves the right to make modifications to these details without notice