

Double Sphere REJ with Floating Flanges

Style SRDA



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.

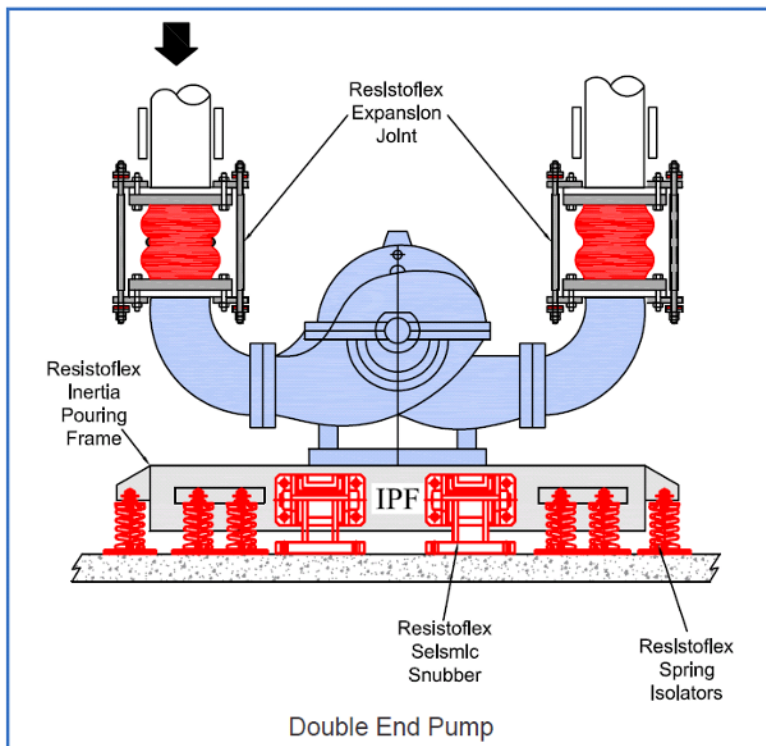
APPLICATIONS

For use in Water Lines & HVAC systems in:

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

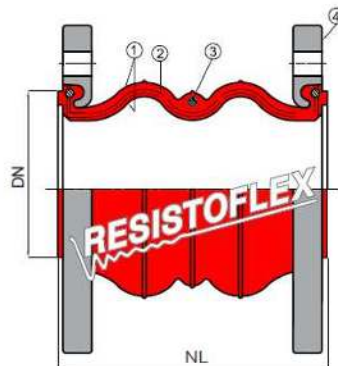
ADVANTAGES

- 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

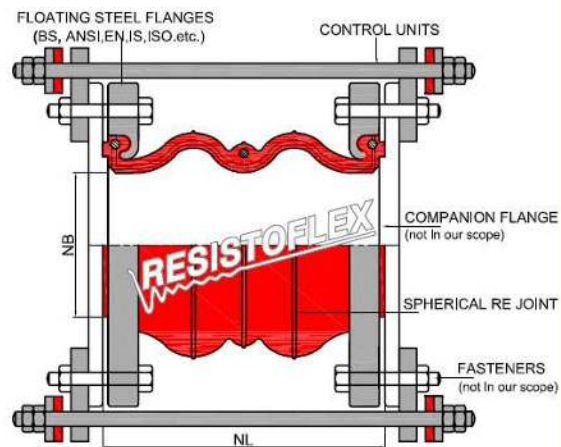


EVERY JOINT IS TESTED FOR PRESSURE & VACUUM

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
5	Control Unit	Mild Steel
Conveying Medium	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	24	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)				

* Control Units Recommended

1 bar = 1 Mpa = 1 Kg/cm² = 14.5 psi

TECHNICAL CHARACTERISTICS

CODE			MAXIMUM ALLOWABLE MOVEMENTS (Not Simultaneous)			
	NOMINAL BORE	NEUTRAL LENGTH	AXIAL COMPRESSION	AXIAL ELONGATION	LATERAL DEFLECTION	ANGULAR MOVEMENT
	NB (mm)	FL (mm)	(mm)	(mm)	(mm)	(Deg.)
REJ-SRDA-0032	32	150	20	10	20	30°
REJ-SRDA-0040	40	150	20	10	20	30°
REJ-SRDA-0050	50	150	20	10	20	30°
REJ-SRDA-0065	65	150	20	10	20	30°
REJ-SRDA-0080	80	150	20	10	20	30°
REJ-SRDA-0100	100	200	30	15	25	30°
REJ-SRDA-0125	125	200	30	15	25	30°
REJ-SRDA-0150	150	200	30	15	25	30°
REJ-SRDA-0200	200	200	40	20	30	30°
REJ-SRDA-0250	250	200	40	20	30	30°
REJ-SRDA-0300	300	200	40	20	30	30°
REJ-SRDA-0350	350	225	40	20	30	30°
REJ-SRDA-0400	400	225	40	20	30	30°
REJ-SRDA-0450	450	260	45	25	30	30°
REJ-SRDA-0500	500	260	45	25	30	30°
REJ-SRDA-0600	600	260	45	25	30	30°

• 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