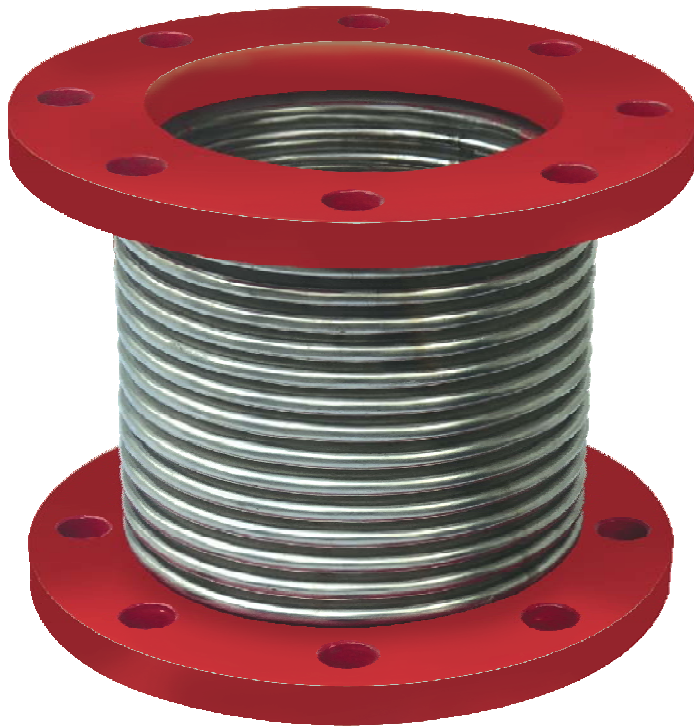


Metal Expansion Joints with Fixed Flanges

Style RMEJ - WF



DESIGN

Metal expansion joints are elastic pipe elements designed to provide compensation for expansion movements and vibrations in the pipe lines.

APPLICATIONS

These joints are mainly used in pipe lines for the conveyance of a liquid, gas or granular medium under lowest and highest temperatures involving a wide range of applications- Such as :

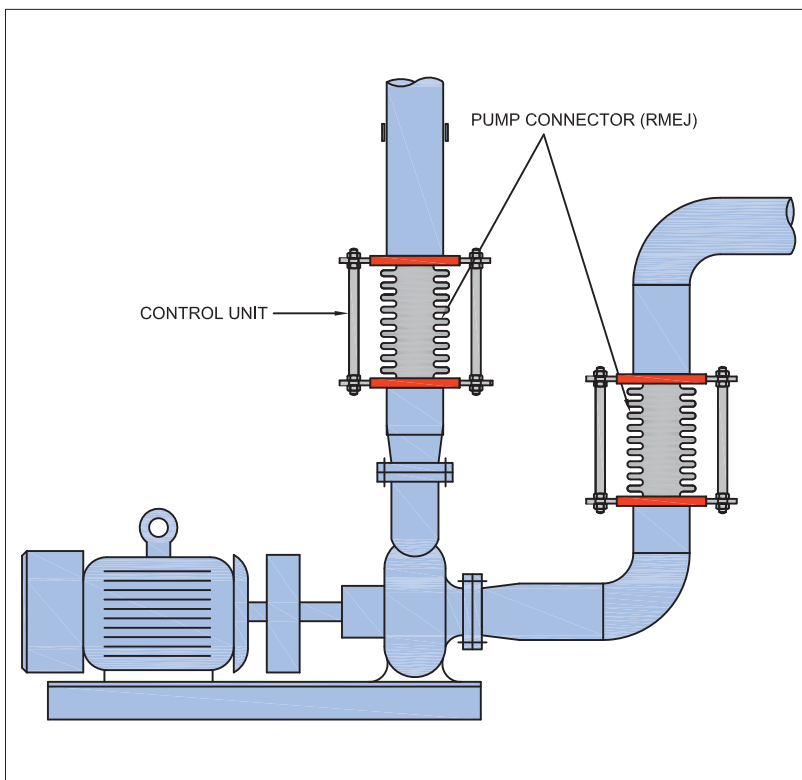
- EXHAUST PIPES OF ENGINES AND TURBINES
- SHIP INDUSTRY
- CHEMICAL AND PETRO CHEMICAL PLANTS
- POWER PLANTS
- CONSTRUCTION MACHINE INDUSTRY
- AIR CRAFT AND NUCLEAR INDUSTRY
- DISTRICT HEATING SYSTEM

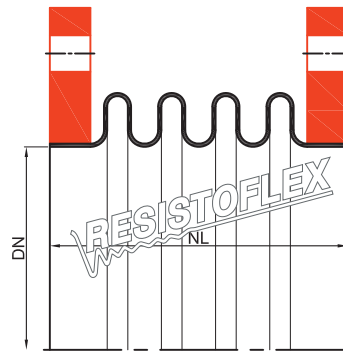
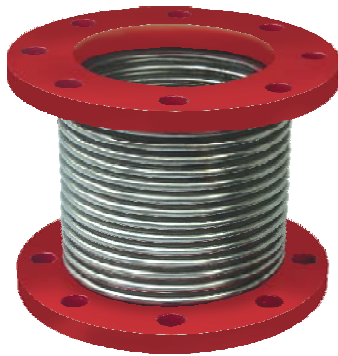
ADVANTAGES

- COMPENSATES FOR AXIAL MOVEMENTS DUE TO THERMAL CHANGES
- COMPENSATES FOR TORSIONAL AND ANGULAR MOVEMENTS
- ISOLATES VIBRATIONS, DAMPENS NOISE AND PRESSURE SURGES.

EVERY JOINT IS TESTED FOR PRESSURE & VACUUM

for durability, long life & trouble free service





MEJ for anchored / guided pipelines

CONSTRUCTION				
S.No.	Parts	MATERIAL	STANDARD	OPTIONAL
1	Flange	Carbon Steel	IS 2062	SS 304/316
2	Bellows	Stainless Steel	SS 304	SS 316
3	Sleeve (optional)	Stainless Steel	SS 304	SS 316
4	Control Units (optional)	Carbon Steel	IS 2062	SS 304/316
Application		Lines of water, compressed oil, steam, oil, chemicals etc.		
Medium		Water, Steam, Turbines, Fuel Oil, Gas, Air etc.		

DESIGN CONDITIONS				
TYPE		PN 10	PN 16	PN 25
Maxm. Working Pressure	Kgf/cm ²	10	16	25
Test Pressure	Kgf/cm ²	15	24	38
Flange Drillings	Standard	BS 10 D	BS 10 E	IS 6392
	Optional	ASME B16.5 / BS 4504 / ISO 7005 / ES 1092		
Temperature	-30° C to +250° C			

* Control Units Recommended 1 bar = 0.1 Mpa = 1 Kg/cm² = 14.5 psi

TECHNICAL CHARACTERISTICS					
CODE	DIMENSIONS		MAXIMUM ALLOWABLE MOVEMENTS (Not Simultaneous)		
	NOMINAL BORE	NEUTRAL LENGTH	AXIAL ELONGATION	AXIAL COMPRESSION	LATERAL MOVEMENT
	DN (mm)	NL (mm)	(mm)	(mm)	(mm)
RMEJ -WF 020	020	125	10	20	±8
RMEJ -WF 025	025	125	10	20	±8
RMEJ -WF 032	032	150	10	20	±8
RMEJ -WF 040	040	150	10	20	±8
RMEJ -WF 050	050	150	10	20	±8
RMEJ -WF 065	065	150	10	20	±8
RMEJ -WF 080	080	150	10	20	±8
RMEJ -WF 100	100	150	10	20	±8
RMEJ -WF 125	125	150	10	20	±8
RMEJ -WF 150	150	150	10	20	±8
RMEJ -WF 200	200	150	10	20	±8
RMEJ -WF 250	250	200	10	20	±8
RMEJ -WF 300	300	200	10	20	±8
RMEJ -WF 350	350	200	10	20	±8
RMEJ -WF 400	400	200	10	20	±8
RMEJ -WF 450	450	200	10	20	±8
RMEJ -WF 500	500	200	10	20	±8
RMEJ -WF 600	600	250	10	20	±8

• Suffix CU for RMEJ 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