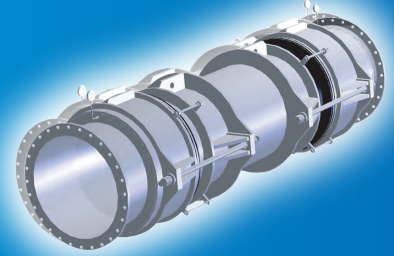


TIED TYPE EXPANSION JOINT FOR UNDERGROUND WATERWORKS PIPING

SJT8200

The tied universal Expansion Joints are used when it is necessary for the assembly to eliminate pressure thrust forces from the piping system. In this case the Expansion Joint will absorb lateral movement and will prevent axial movement external to the tied length.



Feature

Absorption for lateral movement :

Tied Type Double Bellows Expansion Joints are employed in piping systems to absorb lateral movement while containing the system pressure.

Maximize the productivity:

Standard design of movement and material maximizes the productivity while the custom design maximizes the suitability for special applications.

Reliability:

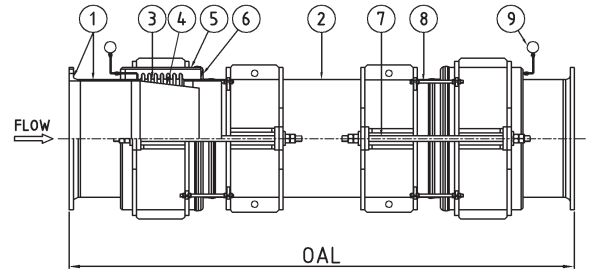
Computer designed bellows element complies with EJMA criteria.

Quality:

All products are tested before delivery according to relevant code or ISO quality control system.

Design Working Pressure	1.02 MPA (10 Kgf/cm ²)
Design Working Temperature	Ambient
Applicable Fluid	Fresh water
Axial Movement	+/- 50 mm

Structure



Item	Qty	Name	Standard Material
1	2	Fixed Flange & Pipe	Carbon Steel (SS400)
2	1	Middle Pipe	Carbon Steel (SS400)
3	2	Stainless Steel Bellows	Stainless Steel (SUS304)
4	2	Inner Sleeve	Stainless Steel (SUS304)
5	2	Cover Pipe	Carbon Steel (SS400)
6	2	Rubber Soil Shield	Rubber w/synthetic reinforcement
7	2	Tied Rod	Carbon Steel w/H.D. Galv
8	-	Shipping Rod & Holder	SS400
9	2 set	Monitoring pressure gauge	(Optional)

Size mm (inch)	The Overall Length (OAL, mm) for the Lateral Movement, Y		
	Y=200 mm	Y=500 mm	Y=800 mm
300A(12")	1800	3200	3600
350A(14")	1800	3200	3800
400A(16")	1800	3200	3800
450A(18")	1900	3200	4000
500A(20")	2000	3500	4000
600A(24")	2100	3500	4500
700A(28")	2100	3500	4500
800A(32")	2200	4000	5000
900A(36")	2300	4000	5400
1000A(40")	2300	4000	5400
1200A(48")	2500	4500	6000
1350A(54")	2600	4500	6000
1400A(56")	2600	4500	6000
1500A(60")	2700	4500	6200
1800A(72")	2900	5000	7000

Installation Guide

Shipping devices (painted yellow) must be removed prior to start-up or testing the system. Please consult us for other material, pressure, temperature and movement designs. Please read the instruction before designing and installation.

Note: The content of this catalog is subject to change without prior notice.

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