

Double Sphere Elastomer Pump Connector



Features:

- Reduces vibration and noise in piping system
- Streamlined, flowing arches reduce turbulence, sediment build-up and the effects of thrust on the piping
- Controls thermal movement, pulsation, misalignment and electrolysis
- Under pressure, spherical shape is up to four times stronger than a cylindrical joint
- Spherical shape requires half the amount of space of cylindrical joint, and at the same time is about one-third of the weight of a cylindrical
- Standard construction of EPDM rubber. Other materials available upon request

Dimensions:

Model Number	Joint Size I.D.	Face to Face	Pressure/Vacuum		Temperature (°F)		Movement Capability				
			(psig) *	(in. Hg.)	Min.	Max.	Comp.	Elong.	Lateral (±in.)	Deflection	Weight (lbs.)
DSP0150	1 1/2"	7"	214	30	14	240	1"	3/4"	1"	30°	7.0
DSP0200	2"	7"	214	30	14	240	1"	3/4"	1"	30°	8.5
DSP0250	2 1/2"	7"	214	30	14	240	1"	3/4"	1"	30°	12.8
DSP0300	3"	7"	214	30	14	240	1"	3/4"	1"	30°	14.3
DSP0400	4"	9"	214	30	14	240	1 1/4"	1"	1 1/4"	30°	20.0
DSP0500	5"	9"	214	30	14	240	1 1/4"	1"	1 1/4"	30°	25.8
DSP0600	6"	9"	214	30	14	240	1 1/4"	1"	1 1/4"	30°	29.0
DSP0800	8"	13"	214	30	14	240	1 3/8"	1"	1 3/8"	30°	45.0
DSP1000	10"	13"	214	30	14	240	1 3/8"	1"	1 3/8"	30°	62.5
DSP1200	12"	13"	214	30	14	240	1 3/8"	1"	1 3/8"	30°	95.0
DSP1400	14"	13 1/8"	150	10	14	240	1 3/8"	1 5/8"	1 3/8"	20°	105.0

*@178°F

Dimensions are subject to change without notice, please confirm actual dimensions with factory at time of order.

JOB NAME _____
 LOCATION _____

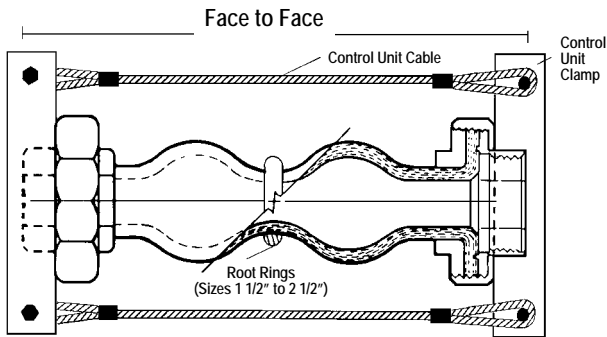
 CONTRACTOR _____
 CONTRACTOR P.O. NO. _____

ITEMS	QUANTITY
_____	_____
_____	_____
_____	_____
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_____	_____
_____	_____



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Double Union Elastomer Pump Connector



Features:

- n Reduces vibration and noise in piping system
- n Streamlined, flowing arches reduce turbulence, sediment build-up and the effects of thrust on the piping
- n Controls thermal movement, pulsation, misalignment and electrolysis
- n Under pressure, spherical shape is up to four times stronger than a cylindrical joint
- n Spherical shape requires half the amount of space of cylindrical joint, and at the same time is about one-third of the weight of a cylindrical
- n Root rings furnished on 1 1/2"–2 1/2"
- n Standard construction of chemical resistant Neoprene. Other materials available upon request

Bill of Materials

Item	Part Name	Material
1	Female Union	Galvanized Steel
2	Reinforcing Cloth	Nylon Fabric
3	Elastomer	Neoprene

Dimensions:

Model Number	Joint Size I.D.	Face to Face	Pressure/Vacuum		Temperature (°F)		Movement Capability				
			(psig)	(in. Hg.)	Min.	Max.	Comp.	Elong.	Lateral Deflection	Angular Deflection	Weight (lbs.)
DUT0075	3/4"	6 1/2"	150	10	14	220	1 1/4"	3/16"	1	50°	2
DUT0100	1"	6 3/4"	150	10	14	220	1 1/4"	3/16"	1	50°	3
DUT0125	1 1/4"	7"	150	10	14	220	1 1/4"	3/16"	1	50°	4
DUT0150	1 1/2"	7 1/4"	150	10	14	220	1 1/4"	3/16"	1	50°	5
DUT0200	2"	8 1/2"	150	10	14	220	1 1/4"	3/16"	1	50°	6
DUT0250	2 1/2"	9"	150	10	14	220	1 1/4"	3/16"	1	50°	8

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