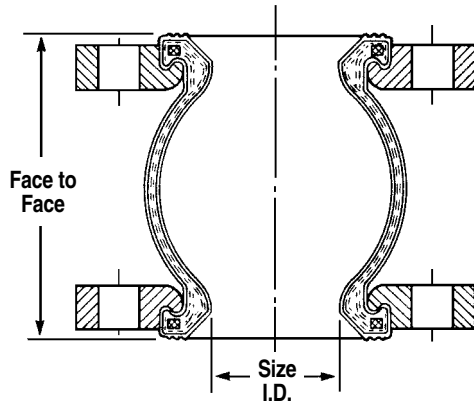


Single Sphere Elastomer Pump Connector



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 chemical resistant Neoprene. Other materials available upon request

Dimensions:

Model No.	Joint Size I.D.	Face to Face	Pressure/ Vacuum		Temperature (°F)		Movement Capability				
			(psig)	(in. Hg.)	Min.	Max.	Comp.	Elong.	Lateral (±in.)	Deflection	Wt. (lbs.)
SSP0150	1 1/2"	6"	214	30	14	240	1/2"	3/8"	1/2	15°	7.0
SSP0200	2"	6"	214	30	14	240	1/2"	3/8"	1/2	15°	8.8
SSP0250	2 1/2"	6"	214	30	14	240	1/2"	3/8"	1/2	15°	12.5
SSP0300	3"	6"	214	30	14	240	1/2"	3/8"	1/2	15°	14.0
SSP0400	4"	6"	214	30	14	240	5/8"	3/8"	1/2	15°	18.0
SSP0500	5"	6"	214	30	14	240	5/8"	3/8"	1/2	15°	22.5
SSP0600	6"	6"	214	30	14	240	5/8"	3/8"	1/2	15°	26.8
SSP0800	8"	6"	214	30	14	240	5/8"	3/8"	1/2	15°	37.8
SSP1000	10"	8"	214	30	14	240	3/4"	1/2"	3/4	15°	55.5
SSP1200	12"	8"	214	30	14	240	3/4"	1/2"	3/4	15°	83.0
SSP1400	14"	8"	114	30	14	240	3/4"	1/2"	3/4	15°	100.0
SSP1600	16"	8"	114	30	14	240	3/4"	1/2"	3/4	15°	120.0
SSP1800	18"	8"	114	30	14	240	3/4"	1/2"	3/4	15°	140.0
SSP2000	20"	8"	114	30	14	240	3/4"	1/2"	3/4	15°	170.0

JOB NAME _____
 LOCATION _____

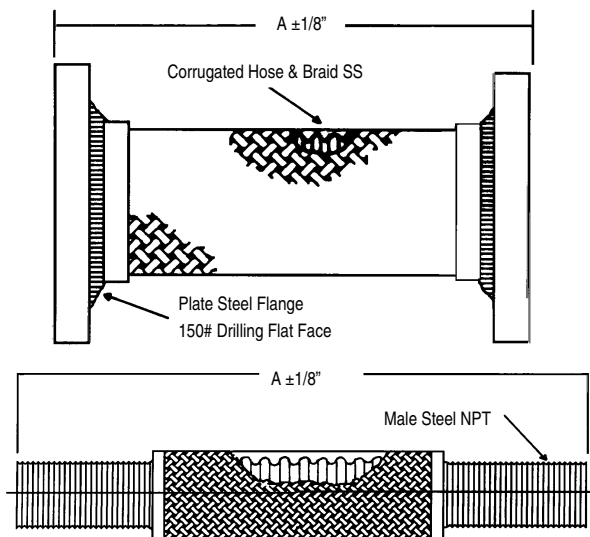
 CONTRACTOR _____
 CONTRACTOR P.O. NO. _____

ITEMS	QUANTITY
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Stainless Steel Pump Connectors

Standard Features:

- Constructed of stainless steel annular corrugated metal surrounded with a woven wire braid of high tensile stainless steel
- High pressure and temperature capabilities
- Absorbs pump vibration and noise
- Reduces piping stress due to minor misalignment and pressure variations



**Ratings for constant pressures. Use 1/2 of ratings for pulsating pressures and 1/6 of ratings for surge pressures.*

For Temperatures Above 70°F

For safe working pressures above 70°F, multiply pressure shown at 70°F by correction factor of required temperature.

Correction Factors

Temperature °F	Factor
70	1.00
200	.94
300	.88
400	.83
500	.78
600	.74

Dimensions

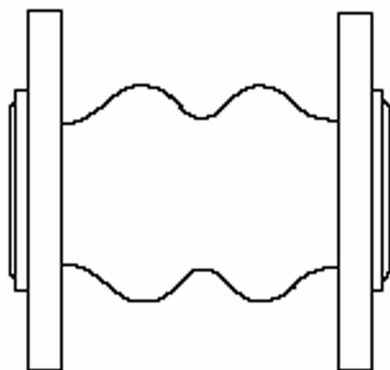
Model No.	Pipe Size x Length (A)	Pressure @ 70°F*
Mini Length: Flanged Ends		
FLXCON-002	2 x 9	350
FLXCON-025	2 1/2 x 9	275
FLXCON-003	3 x 9	275
FLXCON-004	4 x 9	230
FLXCON-005	5 x 11	265
FLXCON-006	6 x 11	240
FLXCON-008	8 x 12	185
FLXCON-010	10 x 13	165
FLXCON-012	12 x 14	155
FLXCON-014	14 x 14	150
Long Length: Flanged Ends		
FLXCON-002EL	2 x 10	350
FLXCON-025EL	2 1/2 x 10 1/4	275
FLXCON-003EL	3 x 10 5/8	275
FLXCON-004EL	4 x 11 3/4	230
FLXCON-005EL	5 x 13 5/8	265
FLXCON-006EL	6 x 14 1/8	240
FLXCON-008EL	8 x 15 3/8	185
FLXCON-010EL	10 x 17 3/4	165
FLXCON-012EL	12 x 18 3/8	155
FLXCON-014EL	14 x 20	150
Standard Length: Threaded Ends		
FLXCON-050-T	1/2 x 10	750
FLXCON-075-T	3/4 x 10	750
FLXCON-001-T	1 x 10	650
FLXCON-125-T	1 1/4 x 10	550
FLXCON-150-T	1 1/2 x 10	500
FLXCON-002-T	2 x 14	475
FLXCON-250-T	2 1/2 x 16	375
FLXCON-003-T	3 x 16	325

JOB NAME _____
 LOCATION _____

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Double Sphere 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 Standard construction of chemical resistant Neoprene. Other materials available upon request

Dimensions:

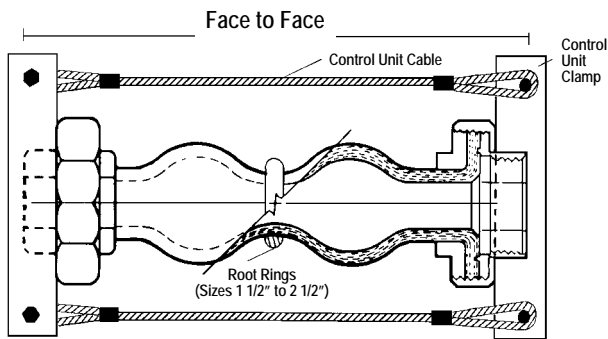
Model Number	Joint Size I.D.	Face to Face	Pressure/Vacuum		Temperature (°F)		Movement Capability				
			(psig)	(in. Hg.)	Min.	Max.	Comp.	Elong.	Lateral (±in.)	Deflection	Weight (lbs.)
DSP0150	1 1/2"	7"	214	30	14	240	1"	3/4"	1	30°	7.0
DSP0200	2"	7"	214	30	14	240	1"	3/4"	1	30°	8.5
DSP0250	2 1/2"	7"	214	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

JOB NAME _____
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 CONTRACTOR P.O. NO. _____

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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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ITEMS QUANTITY

