

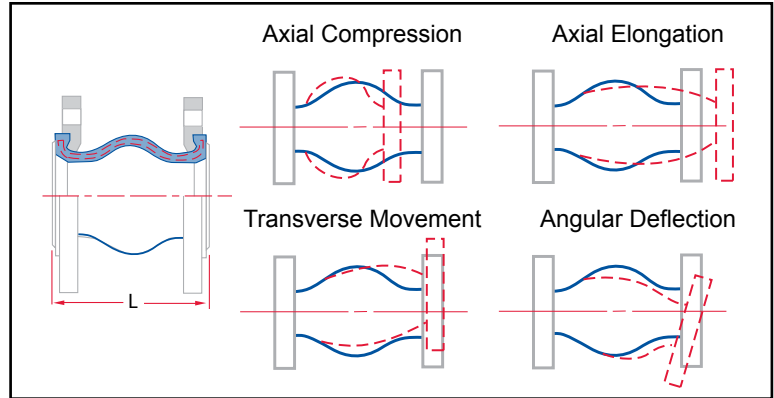
# AMS Series

## Single-Sphere Connectors

### With Class 150 Floating Flanges



### Allowable Movements



#### Notes:

Manufacturer reserves the right to modify dimensions, materials, or design. Consult factory for certification.

Construction	
Name	Material
Flanges	CS Zinc Plated
Wire	Carbon Steel Wire Strand
Elastomer	Special Synthetic Rubber
Reinforcing Fabric	Synthetic Fibre (Neoprene)

Dimensions (Inches)							
Size		L	Axial Compression	Axial Elongation	Transverse Movement	Angular Deflection	Shipping Weight (LBS)
Inches	Prefix						
2	0200	6	1/2	3/8	± 1/2	15 °	10
2 1/2	0250	6	1/2	3/8	± 1/2	15 °	16
3	0300	6	1/2	3/8	± 1/2	15 °	20
4	0400	6	5/8	3/8	± 1/2	15 °	24
5	0500	6	5/8	3/8	± 1/2	15 °	30
6	0600	6	5/8	3/8	± 1/2	15 °	36
8	0800	6	5/8	3/8	± 1/2	15 °	50
10	1000	8	3/4	1/2	± 3/4	15 °	70
12	1200	8	3/4	1/2	± 3/4	15 °	96
14	1400	8	3/4	1/2	± 3/4	15 °	120
16	1600	8	3/4	1/2	± 3/4	15 °	140
18	1800	8	3/4	1/2	± 3/4	15 °	145
20	2000	8	3/4	1/2	± 3/4	15 °	170
24	2400	8	3/4	1/2	± 3/4	15 °	220

### Ordering Information

Example: Include full description

Size                      Model  
 (Prefix)                Number  
**0200                      AMS**

2" Pump Connector, Class 150, Single Sphere

### Operating Pressures and Temperatures

Operating Conditions	Size			
	2" - 4"	5" - 10"	12" - 14"	16" - 24"
Operating Pressure	150 psig	135 psig	90 psig	45 psig
Vacuum Rating	26" Hg			
Temperature	14 °F to 240 °F (-10 °C to 115 °C)			



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