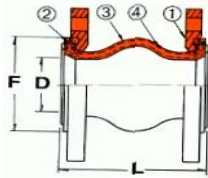


# Armflex Rubber Expansion Joint



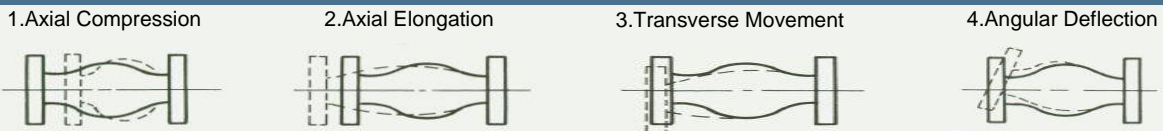
No. **AMS SERIES**  
 Name **SINGLE-SPHERE CONNECTION**  
 with Floating Flanges



SYMBOL	PART	ENGINEERING MATERIAL
1	FLANGES	SS41 / PVC / SUS316
2	WIRE	CARBON STEEL WIRES STRAND
3	ELASTOMER	SPECIAL SYNTHETIC RUBBER
4	REINFORCING FABRIC	SYNTHETIC FIBER

Item	Size (In)	L	DØ	FØ	Allowable Movements			
					Axial		Trans Move	Angular Deflection
					Comp	Elong		
AMS-101	1"	95mm	25mm	50mm	8mm	4mm	8mm	15°
AMS-101Q	1-1/4"	95	32	69	8	4	8	15°
AMS-101H	1-1/2"	95	40	60	8	5	8	15°
AMS-102	2"	105	52	86	12	6	8	15°
AMS-102H	2-1/2"	115	68	106	12	6	10	15°
AMS-103	3"	130	76	116	18	10	10	15°
AMS-104	4"	135	103	150	18	10	12	15°
AMS-105	5"	170	128	180	18	10	12	15°
AMS-106	6"	180	152	209	25	14	12	15°
AMS-108	8"	205	194	260	25	14	22	15°
AMS-110	10"	240	250	320	25	14	22	15°
AMS-112	12"	260	300	367	25	16	22	15°
AMS-114	14"	265	320	408	25	16	22	15°
AMS-116	16"	265	372	472	25	16	22	15°
AMS-118	18"	265	415	522	25	16	22	15°
AMS-120	20"	265	454	570	25	16	22	15°
AMS-124	24"	254	580	690	19	13	19	15°
AMS-128	28"	254	680	800	19	13	19	15°

## Allowable Movements



## OPERATING CONDITIONS

## AMS

(1"-12")

(14"-28")

## AMSH

(1"-12")

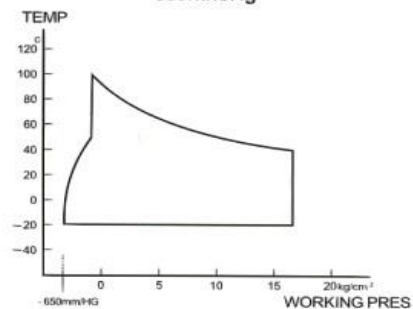
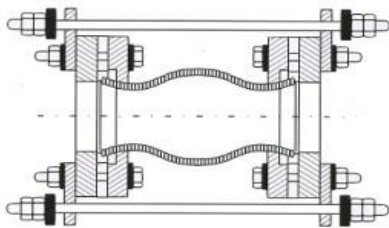
(14"-28")

- Operating Pressure
- Burst Pressure
- Vacuum Rating
- Temperature

16 kg/cm<sup>2</sup>  
 60 kg/cm<sup>2</sup>  
 650mm/Hg

8 kg/cm<sup>2</sup>  
 24 kg/cm<sup>2</sup>

25 kg/cm<sup>2</sup>  
 75 kg/cm<sup>2</sup>  
 650mm/Hg



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