

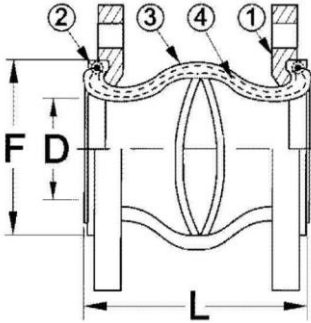


ARMFLEX Rubber Flexible Joint

Item No. AMS

Name

SINGLE-SPHERE with Floating Flanges to PN16 / JIS 10K
(Other Standards Upon Request)



Symbol	Part	Engineering Material
1	Flanges	Galvanized Mild Steel Alt: Stainless Steel (304 / 316)
2	Wire	Carbon Steel Wires Strand
3	Elastomer	Special Synthetic Rubber
4	Reinforcing Farbic	Synthetic Fiber

Item	Size (In)	L	DØ	FØ	Allowable Movements			
					Axial		Trans Move	Angular Deflection
					Comp	Elong		
AMS-101	1"	95mm	25mm	60mm	8mm	4mm	8mm	15°
AMS-101Q	1-1/4"	95	32	69	8	4	8	15°
AMS-101H	1-1/2"	95	40	69	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

1. Axial Compression



2. Axial Elongation



3. Transverse Movement

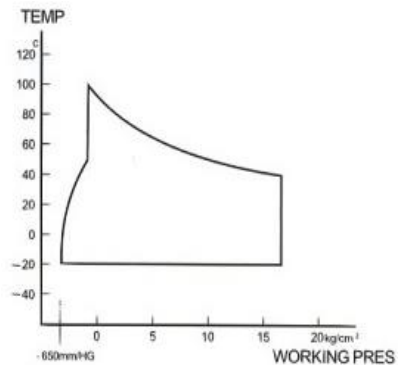


4. Angular Deflection



Operating Conditions

■ Operating Pressure	(1"-12")	(14"-28")
■ Burst Pressure	16 Bar	8 Bar
■ Vacuum Rating	60 Bar	24 Bar
■ Temperature	650 mm Hg	
	-20°C ~ 100°C	



Country of Origin: Taiwan