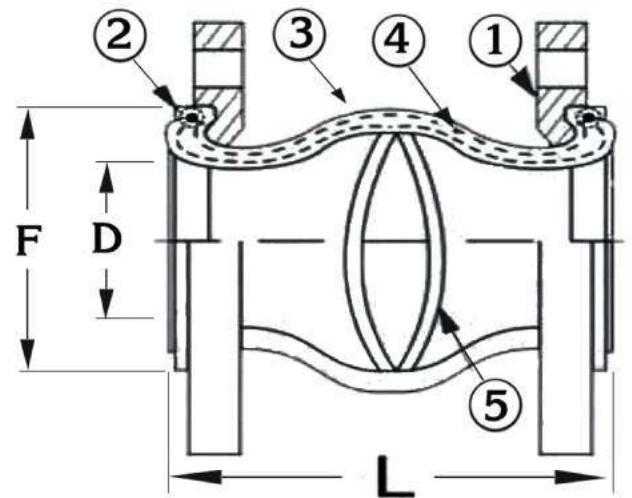


SINGLE-SPHERE CONNECTOR



Operating conditions	AMS		AMSH	
	1" - 12"	14" - 28"	1" - 12"	14" - 28"
Operating pressure	16kg/cm ²	8kg/cm ²	25kg/cm ²	16kg/cm ²
Burst Pressure	60kg/cm ²	24kg/cm ²	75kg/cm ²	48kg/cm ²
Vacuum Rating	650mm/Hg		650mm/Hg	



Symbol	Part	Engineering material
1	Flanges	SS41 (Changeable)
2	Wire	Carbon Steel wires strand
3	Elastomer	Special Synthetic rubber
4	Reinforcing fabric	Synthetic Fiber
5	Vacuum ring	SUS304

DIMENSION DETAILS

ITEM	SIZE I.D	L	ØD	ØF	Allowable Movements in Operation			
					Axial Compression (mm)	Axial Elongation (mm)	Transverse Movement (mm)	Angular Deflection (°)
AMS-101	1"	95	25	60	8	4	8	15°
AMS-101Q	1-1/4"	95	40	69	8	4	8	15°
AMS-101H	1-1/2"	95	40	69	8	4	8	15°
AMS-102	2"	105	52	86	8	5	8	15°
AMS-102H	2-1/2"	115	68	106	12	6	10	15°
AMS-103	3"	130	76	116	12	6	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	18	10	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	14	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°