



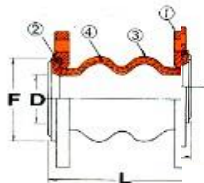
ARMFLEX

Rubber Flexible Joint

Item No. **AMTH**

Name

TWIN-SPHERE with Floating Flanges to PN25
(Other Standards Upon Request)

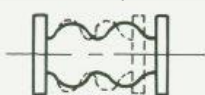


Symbol	Part	Engineering Material
1	Flanges	Galvanized Mild Steel Alt: Stainless Steel (304 / 316)
2	Wire	Carbon Steel Wires Strand
3	Elastomer	Special Synthetic Rubber
4	Reinforcing Farbic	Synthetic Fiber

Item	Size (In)	L	DØ	FØ	Allowable Movements			
					Axial		Trans Move	Angular Deflection
					Comp	Elong		
AMT-101N	1-1/4"	175mm	35mm	69mm	50mm	30mm	45mm	35°
AMT-101H	1-1/2"	175	40	69	50	30	45	35°
AMT-102	2"	175	52	86	50	30	45	35°
AMT-102H	2-1/2"	175	68	106	50	30	45	35°
AMT-103	3"	175	76	116	50	30	45	35°
AMT-104	4"	225	103	150	50	35	40	35°
AMT-105	5"	225	128	180	50	35	40	35°
AMT-106	6"	225	152	209	50	35	40	35°
AMT-108	8"	325	194	260	60	35	35	30°
AMT-110	10"	325	250	320	60	35	35	30°
AMT-112	12"	325	300	367	60	35	35	30°
AMT-114	14"	350	320	408	40	30	30	20°
AMT-116	16"	350	372	472	40	30	30	20°
AMT-118	18"	350	415	522	40	30	30	20°
AMT-120	20"	350	454	570	40	30	30	20°
AMT-124	24"	350	580	690	40	30	30	20°

Allowable Movements

1. Axial Compression



2. Axial Elongation



3. Transverse Movement



4. Angular Deflection



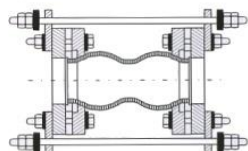
OPERATING CONDITIONS

- Operating Pressure
- Burst Pressure
- Vacuum Rating
- Temperature

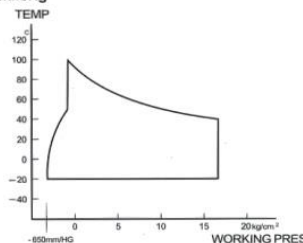
AMTH

(1"-12") (14"-24")

16 kg/cm² 25 kg/cm² 16 kg/cm²
60 kg/cm² 75 kg/cm² 48 kg/cm²
650 mm/Hg 650 mm/Hg



AMT WITH ROOT RING



ROOT RING MUST BE INSTALLED WHEN PRESSURE (TEST SURGE. OPERATING) EXCEEDS THE RATING BELOW:

5" (125MM) THRU 10" (250MM) - 135 PSIG
12" (300MM) THRU 14" (350MM) - 91 PSIG
16" (400MM) THRU 24" (600MM) - 45 PSIG



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