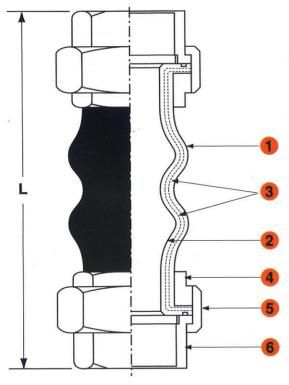


MODEL: U1001 TWIN SPHERE - UNION



S/NO	PART NAME	MATERIAL		
1	Body (Outer Layer)	Special Synthetic Rubber		
2	Body (Inner Layer)	Special Synthetic Rubber		
3	Reinforcing Fabric	Nylon Fabric		
4	Union Flange	Malleable Iron (Galv'd)		
5	Union Nut	Malleable Iron (Galv'd)		
6	Union Screw	Malleable Iron (Galv'd)		
Operating Pressure		: 175 PSI (1.2 MPa)		
Operating Temperature		: -10 to 80 Deg C		
Vacuum Rating		: 500 MM/HG		
Applicable Fluids		: Water, Air, Warm Water,		
		Sea Water & Weak Acid		
Union Threaded		: BSP & NPT		

DIMENSION AND TECHNICAL DATA

Nominal	Neutral Length (L) (mm)	ALLOWABLE MOVEMENT				
Pipe Size (mm)		Axial Compression (mm)	Axial Elongation (mm)	Lateral Deflection ± (mm)	Angular Deflection ± (Deg)	
20	165	20	5	20	30	
25	175	20	5	20	30	
32	185	20	5	20	25	
40	185	20	5	20	25	
50	200	20	5	20	20	

OPERATING TEMPERATURE AGAINST OPERATING PRESSURE

Operating Temperature (°C)	Normal	50	60	70	80
Max. Operating Pressure (PSI)	175	135	110	95	70

NOTE

- Instruction of Installation is shown on page 9.
- Control rod assemblies consists of control plates incorporating tie bars and full nuts.
- For other kinds of applicable fluids, except the above, to which the rubber joint becomes applicable, please kindly consult your supplier or manufacturer.