

## DIMENSION AND ALLOWABLE TOLERANCE / MOVEMENT

Nominal Bore ( Inner Dia. ) Size	Length of Bellows (mm)		Transverse Movement +/- (mm)	Axial Elongation (mm)	Axial Compression (mm)	Angular Deflection
	Face to Face Distance (mm)	Total Acceptable Tolerance +/- (mm)				
2" 50mm	145	3	15	15	20	25°
2 1/2" 65mm	145	3	15	15	20	25°
3" 80mm	225	3	20	20	25	25°
4" 100mm	225	3	20	20	25	25°
5" 125mm	235	3	25	20	25	25°
6" 150mm	220	3	20	20	25	25°
8" 200mm	325	3	35	35	60	30°
10" 250mm	325	3	35	35	60	30°
12" 300mm	325	3	35	35	60	30°
14" 350mm	350	3	30	40	50	20°
16" 400mm	350	3	30	40	50	20°
18" 450mm	350	3	30	40	50	20°
20" 500mm	350	3	30	40	50	20°
24" 600mm	350	3	30	40	50	20°

\* Although the dimensional allowance for installation is as given in the table above, when installing this connector for suction purposes do not allow for its elongation.

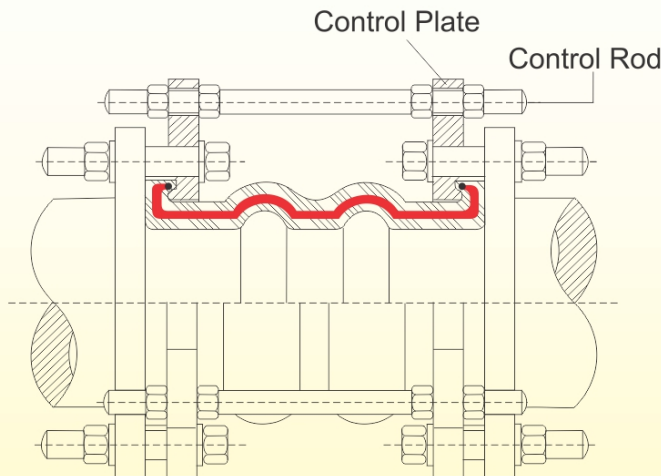


## OPERATING CONDITIONS

	50mm - 300mm	350mm - 600mm
Operating Pressure	16kg / cm <sup>2</sup> (228psi)	10kg / cm <sup>2</sup> (150psi)
Burst Pressure	Over 50kg / cm <sup>2</sup> (711 psi)	24kg / cm <sup>2</sup> (342psi)
Negative Pressure	600mm Hg	
Working Temperature	-20 °C to 100 °C (-4 °F to 212 °F)	
Working Fluids	Water, Hot Water, Sea Water, Compressed Air, Steam, Solvent, Acid, Weak Alkalies.	

Pipe Size	50 PSI	100 PSI	150 PSI	200 PSI	228 PSI
2" 50mm				X	X
2 1/2" 65mm				X	X
3" 80mm				X	X
4" 100mm				X	X
5" 125mm				X	X
6" 150mm			X	X	X
8" 200mm		X	X	X	X
10" 250mm		X	X	X	X
12" 300mm		X	X	X	X

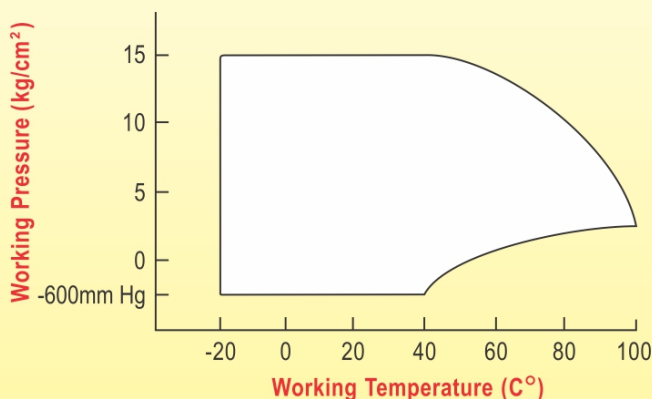
\* Note : X use control tie rods.  
For 14"(350mm) and above, to be advised by manufacturer.



Item	Part	Material
1	Flange	* Mild Steel
2	Wire	Hard Steel Wire
3	Body	** Heat Resisting Rubber
4	Body	Nylon

\* Flange material can be changed to Ductile Iron (BS 2789) Grade 500-7 Epoxy Coating.

\*\* Standard rubber material uses are EPDM, may be replaced by other special synthetic rubber.



## ACCEPTANCE OF MOTION

