



# FLEXIBLE CONNECTOR

## THREADED DOUBLE SPHERE RUBBER BELLOW, PN16

Model Number: **MV600-3**

### FEATURES / CHARACTERISTICS

Rating	PN16
Connection	BS EN 10226-2 Taper Threaded(ex BS21)
Working Medium	Water, Hot Water

Double Sphere, Union Connections,  
Minimizes transmission of vibration and noise, Absorbs  
expansion, contraction and misalignment within  
allowable movements.

### ON REQUEST

PN Ratings ,Body Material (NBR, Viton, etc.)  
(subject to minimum order quantities)

### HYDROSTATIC TEST PRESSURE

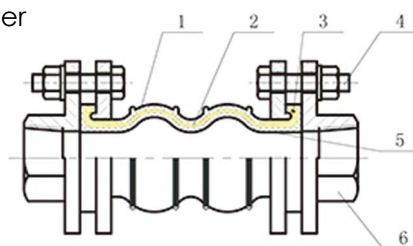
Shell- 24 bar

### WORKING TEMPERATURE

16 Bar -10° C to 100° C water

### MATERIAL SPECIFICATIONS

	PARTS	MATERIAL
1	Outer Body	EPDM Rubber
2	Reinforcing Cord	Synthetic Fiber
3	Steel Wire	Galv. Malleable Iron
4	Bolt	Galv. Malleable Iron
5	Inner Rubber	EPDM Rubber
6	Union	Malleable Iron



### DIMENSIONS (mm)

Nominal core diameter		Length (L)	Axial Displacement (mm)		Lateral Displacement (IN)	Angle of Deflection (Degrees)
mm	inches		Stretch	Compression		
15	1/2"	180	10	15	15	30
20	3/4"	180	10	15	15	30
25	1"	180	10	15	15	30
32	1 1/4"	245	10	15	15	30
40	1 1/2"	245	10	15	15	30
50	2"	245	10	15	15	30

\*All dimensions are nominal (indicative)  
Actual dimensions may vary

### NOTES

Precision moulded of synthetic rubber reinforced with nylon cord can withstand chemical corrosion to resist acid and ozone attacks.

Must not exceed allowable movement recommended as per below table.

The pipes must be properly aligned and anchored prior to installation of Flexible connectors (i.e. flexible connectors must not bear the weight of the pipes).

The Flexible connectors should be installed in their "relaxed" state (i.e. not compressed, extended, twisted... etc).