



FLEXIBLE CONNECTOR

FLANGED SINGLE SPHERE RUBBER BELLOW, PN16

Model Number: **MV600-1**

FEATURES / CHARACTERISTICS

Rating	PN16
Connection	Flanged to BS EN1092-2, PN16 (ex BS4504)
Working Medium	Water, Oil and Steam

Single Sphere EPDM, Floating Flanged,
Four way movements provide high level of
installation Flexibility, Precision mould of synthetic
rubber reinforced with nylon cord.

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

MATERIAL SPECIFICATIONS

	PARTS	MATERIAL
1	Outer Rubber	EPDM Rubber
2	Reinforcing Cord	Synthetic Fiber
3	Steel Wire	Carbon Steel
4	Inner Rubber	EPDM Rubber
5	Flange	Mild Steel/Carbon Steel (Zinc Plated)

DIMENSIONS (mm)

Nominal core diameter		Length (L)	Pre-Gap	Axial Displacement (mm)		Lateral Displacement (mm)	Angle of Deflection (Degrees)
mm	inches			Stretch	Compression		
65	2½"	115	110-120	8	13	12	15°
80	3"	130	125-135	8	15	12	15°
100	4"	135	130-140	8	15	12	15°
125	5"	170	165-175	12	19	15	15°
150	6"	180	175-185	12	20	15	10°
200	8"	205	190-200	12	20	22	10°
250	10"	240	225-235	16	28	22	10°
300	12"	260	240-250	16	28	25	10°

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

NOTES

The pipes must be properly aligned and anchored prior to installation of Flexible connectors (i.e Flexibles 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).

