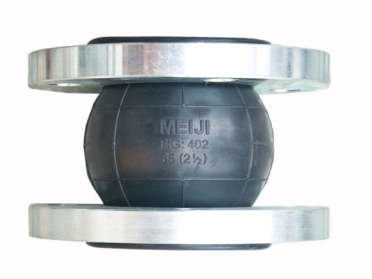
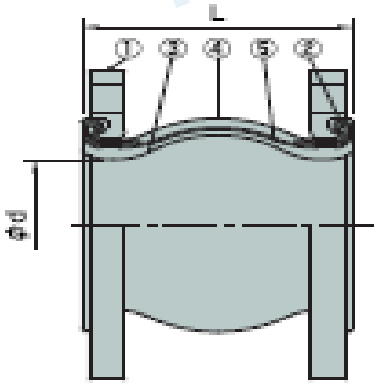
SPECIFICATION

WORKING PRESSURE: PN16
FLANGED TO: ISO 7005-2, BS4504 PN16, JIS 10K/16K
Sluice: cold water, warm water, cooled water, sea water, etc.

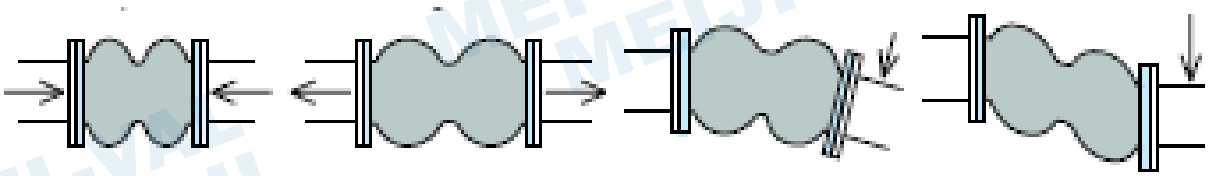
MATERIALS	
Part name	Meterial
Oulet Layer	Synthetic Rubber
Inlet Layer	Synthetic Rubber
Reinforcing Fabric	Nylon Fabric
Flanged	SS400 (Galv'd), SUS304/316
Reinforcing Ring	Cast steel



DIMENSIONS AND ALLOWABLE MOVEMENTS									
Size	L	Allowable Movement (mm)				Installation Allowance (mm)			
mm	mm	T.M	A.E	A.C	A.M	T.M	A.E	A.C	A.M
65	125	12	7	12	10^{Ω}	5	3	6	5^{Ω}
80	125	12	7	12	10^{Ω}	5	3	6	5^{Ω}
100	150	15	10	15	8^{Ω}	6	3	6	3^{Ω}
125	150	15	10	15	8^{Ω}	6	3	6	3^{Ω}
150	175	18	12	18	6^{Ω}	7	3	6	2^{Ω}
200	175	18	12	18	6^{Ω}	7	3	6	2^{Ω}
250	200	20	15	20	6^{Ω}	8	3	6	2^{Ω}
300	200	20	15	20	6^{Ω}	8	3	6	2^{Ω}
350	220	20	15	20	5^{Ω}	8	3	6	2^{Ω}

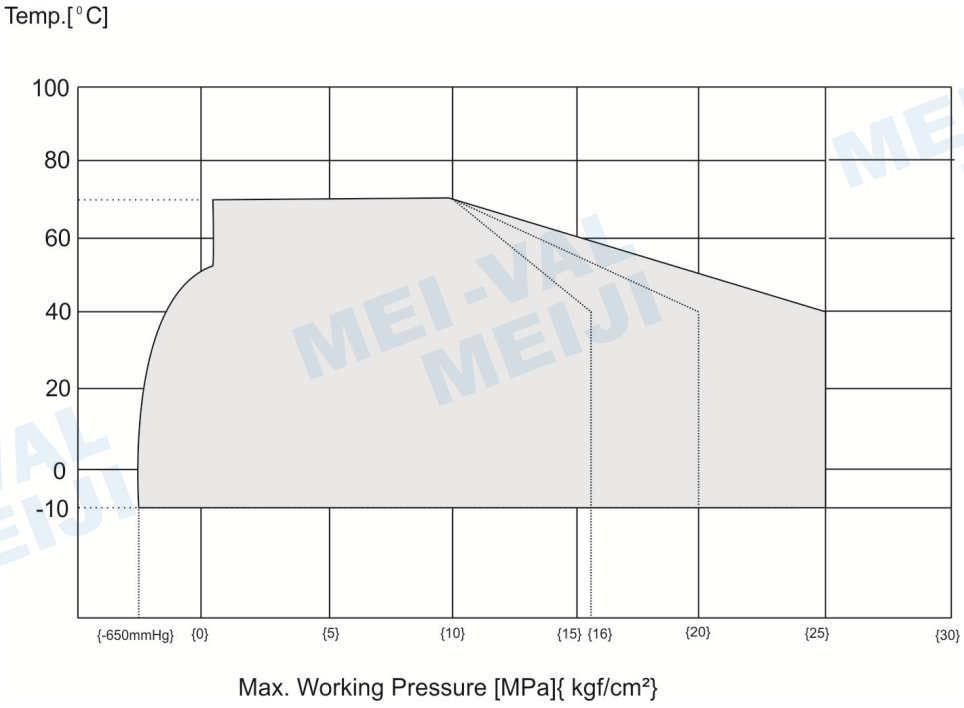


T.M: Transverse Movement.
A.E: Axial Elongation.
A.C: Axial Compression.
A.M: Angular Movement.



Axial compression | Axial elongation | Axial movement | Axial movement

OPERATING CONDITIONS AND PERFORMANCE



APPLICATIONS

- This product is mainly applicable for piping system in commercial and industrial building and plants.
- Applicable fluids are exclusively water including cold water, warm water, cooled water, sea water, etc.
- This product can not be used for oil, air, gases, hot water and pool water.

NOTE

1. Information in the above table is for single movement. In case of complex movements, follow the below expression.

$$C.E\ \ (C) = A.E\ \ (C) \times \left\{1 - \left(\frac{A.T.M - T.M}{A.T.M} \times \frac{A.A.M. - A.M.}{A.A.M.}\right)\right\}$$

A. EL (C). = Allowable Elongation (Compression).
A.T.M. = Allowable Transverse Movement.
T.M. = Transverse Movement.
A.A.M. = Allowable Angular Movement.
A.M. = Angular Movement.

2. Install the joint according to the specified allowable dimensions.
3. Check suitability of joint to operating conditions prior installation.
4. Prior to installation, check for cracks on the rubber body surface, especially after extended storage.
5. If there is movement in the joint, insure that the rubber joint body is not damaged by external objects.
6. Keep joint away from all sources of heat. If necessary, cover the joint with a protective sheet to restrict damage caused by welding sparks, grinding, etc.
7. Avoid contact of the rubber body with oils, fats, organic solvents (thinner, toluene, etc.), acid or alkali. Wipe immediately if rubber is contaminated with these items.
8. Secure piping before and after joint to limit elongation of the joint during operation.
9. Design and specifications are subject to change without prior notice.