



Single Sphere Flexible Rubber Joint with Floating Flanges

OFLEX-H

Excellent performance for vibration absorption, displacement absorption and high pressure resistance.

FEATURES

Achievements

Having been used in more than 20 countries for over 30 years, TOZEN brand products proudly demonstrate their popularity.

Reliability

Unparalleled durability is guaranteed by the distinctive and strict design standards of TOZEN.

Quality

Manufactured in TOZEN's own factory under thorough control with ISO9001 quality management system.

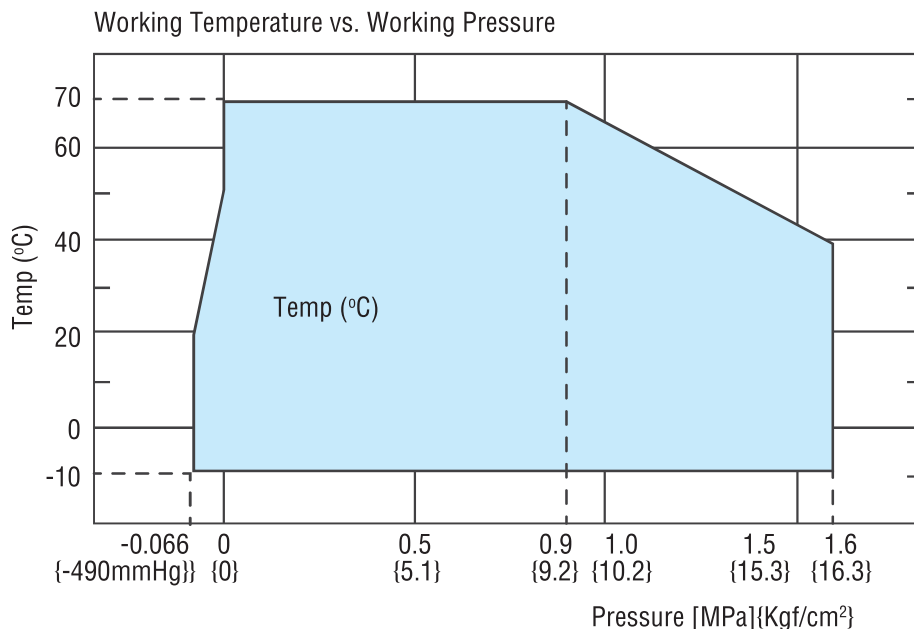
Durability

Reciprocating pressure test for 20,000 cycles or above.

APPLICATIONS

- This product is mainly applicable for piping systems in commercial and industrial buildings and plants.
- Applicable fluids are exclusively water including cold water, warm water, cooled water, sea water, etc.
- This product can not be used for drinking water, pool water, oil, or boiled water.

OPERATING CONDITIONS AND PERFORMANCE



Bursting pressure:

- 4.8 MPa or above at normal temperature.

Note:

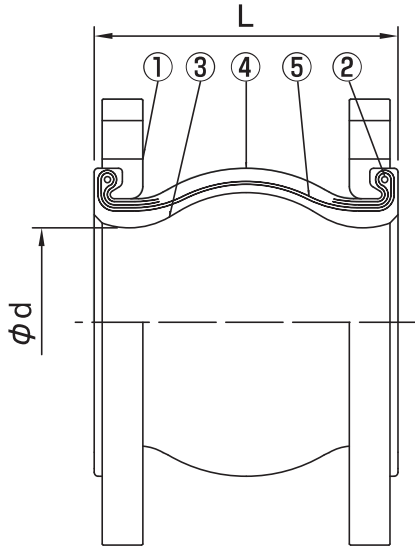
The contents of this catalogue are subject to change without notice.

OFLEX-H

Excellent performance for vibration absorption, displacement absorption and high pressure resistance.



STRUCTURE



No.	Parts	Material
①	Flange	Ductile Iron / Mild Steel
②	Reinforcing Ring	Carbon Steel
③	Inner Rubber	Synthetic Rubber
④	Outer Rubber	Synthetic Rubber
⑤	Reinforcing Cord	Synthetic Fiber

- Flanges with mild steel and ductile iron in JIS10K, ANSI150, PN16 are standard. For other flanges, please consult us.
- Flange material can be changed to mild steel.

DIMENSIONS AND ALLOWABLE MOVEMENTS

Nominal Dia.		Dimension [mm]		Mass [Kg]	Allowable Movement [mm]				Installation Tolerances [mm]			
mm	inch	L	Ød		T.M.	A.E.	A.C.	A.M.	T.M.	A.E.	A.C.	A.M.
32	1¼	100	40	2.0	10	6	10	10°	4	3	6	5°
40	1½	100	40	2.1	10	6	10	10°	4	3	6	5°
50	2	125	50	2.6	10	7	10	10°	4	3	6	5°
65	2½	125	65	3.6	10	7	10	10°	4	3	6	5°
80	3	125	75	3.8	10	7	10	10°	4	3	6	5°
100	4	150	100	4.7	10	10	10	7°	4	3	6	3°
125	5	150	125	6.9	10	10	10	7°	4	3	6	3°
150	6	175	150	10	10	12	10	5°	4	3	6	2°
200	8	175	200	14	10	12	10	5°	4	3	6	2°
250	10	200	250	22	10	15	10	5°	4	3	6	2°
300	12	200	300	25	10	15	10	5°	4	3	6	2°



T.M. = Transverse Movement



A.M. = Angular Movement



A.E. = Axial Elongation



A.C. = Axial Compression

Note:

The contents of this catalogue are subject to change without notice.