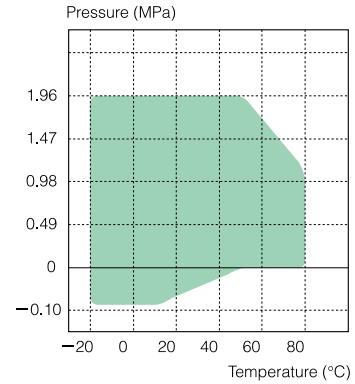
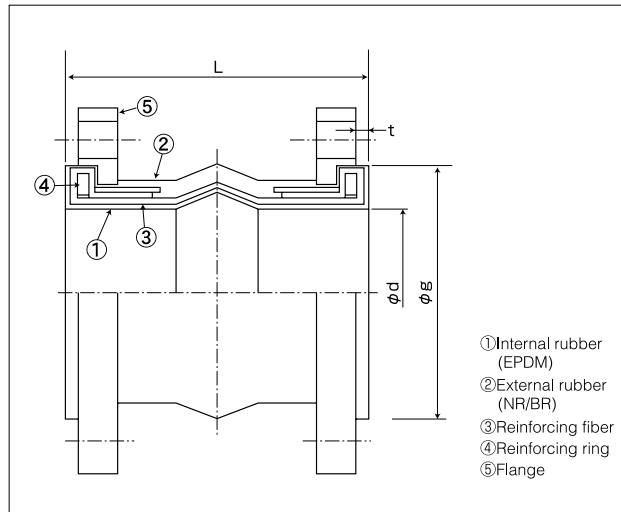


# High-pressure SP Type

For construction equipment



Operating pressure: 1.96MPa (20kgf/cm<sup>2</sup>) or lower  
 Negative pressure: -0.086MPa (-0.88kgf/cm<sup>2</sup>) or higher  
 Operating temperature: -20°C to +80°C (Cooling and heating water)  
 ● Before use, check that maximum working pressure and maximum working temperature are within operational ranges.

## Standard dimensions and allowable displacements

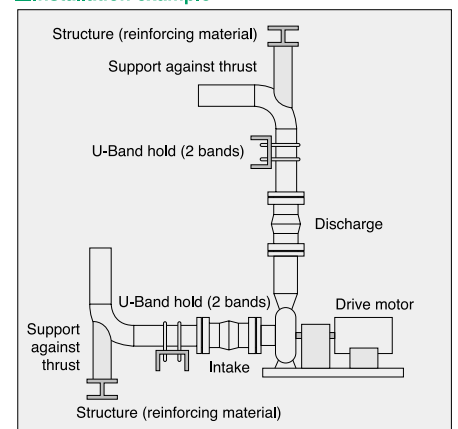
Nominal diameter	Unit dimensions				Allowable displacement				Allowable displacement upon installation				Weight Reference (kg)
	φd (mm)	φg (mm)	L (mm)	t (mm)	Expansion (mm)	Contraction (mm)	Eccentricity (mm)	Declination (°)	Expansion (mm)	Contraction (mm)	Eccentricity (mm)	Declination (°)	
32	40	79	185	8	10	20	20	20	4	7	7	7	3.3
40	40	79	185	8	10	20	20	20	4	7	7	7	3.7
50	50	99	185	8	10	20	20	16	4	7	7	6	4.0
65	65	119	185	8	10	20	20	14	4	7	7	5	5.6
80	75	129	185	8.5	10	20	20	13	4	7	7	4	7.4
100	100	154	185	7	10	20	20	11	4	7	7	4	9.6
125	125	185	235	10	20	20	20	9	7	7	7	3	15.8
150	150	215	235	10	20	20	20	7	7	7	7	2	20.2
200	200	265	235	10	20	20	20	6	7	7	7	2	25.1
250	250	327	285	10	20	20	20	5	7	7	7	1	43.6
300	300	313	285	10	20	20	20	4	7	7	7	1	51.9

- Weights with SS400 or JIS20K flanges mounted are indicated.
- JIS10K type flange is also available.
- Dimension allowances on installation are included in allowable displacements. (Allowable displacement = Dimension allowances on installation + Displacement under operation)
- Sealing thickness is t=7 for 100A. Although thinner than for 80A or less, there are no problems with performance and durability.

### Product features

- Face-to-face dimensions do not change significantly due to internal pressure.
- Effective for vibration isolation.
- High pressure-resistance performance usable up to 1.96Mpa (20kgf/cm<sup>2</sup>).
- High chemical-resistance and heat-resistance synthetic rubber is used inside products.
- Small arch to avoid liquid residue.
- May also be used with water supply.

### Installation example

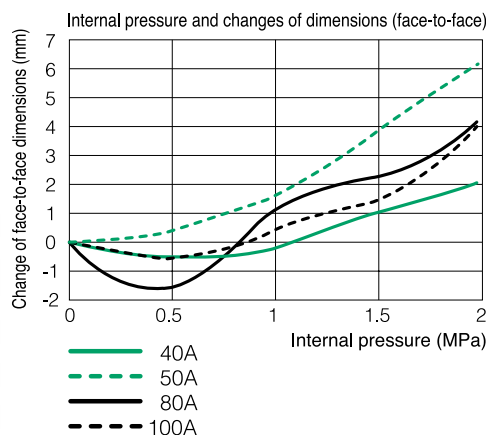


### Product applications

- Air-conditioning equipment
- Plumbing systems
- Production equipment
- Various plant equipment

### Considerations for handling

- This product may not be used with oils or solvents.
- This product may not be used with piping for hot water and swimming pool water circulatory systems. We recommend PF type products with PTFE internal material for these applications.
- We can supply products compliant with the specifications of the Japan Water Works Association.



※Specifications and structures are subject to change without notice for purposes of improvement.