

Series W-ZKB

Flexible Rubber Expansion Joint Single Bellow Flanged Type

Size: DN32-DN600

Mounted on piping installations, the joint can absorb expansions, contractions, oscillations, and vibrations, diminish hammering, reduces noise and prevents electric currents from spreading.

Features

- The multi-level sphere structure, vibration absorbing ability, Good effect of noise reduction
- Can work under high pressure, larger antiknock and elastic situations
- On compression, tensile and torsion deformation can better displacement compensation effect
- 360° rotation of the flange connection, make the installation more convenient and flexible

Pressure-Temperature

- Nominal Pressure: PN10/PN16
- Temperature Range: -20°C~80°C
- Bursting Pressure: PN48

Test Pressures

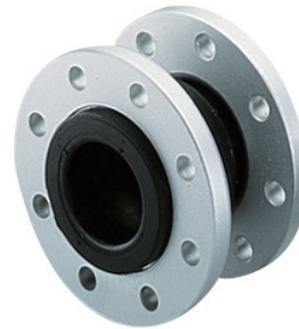
Pneumatic	Hydraulic
Shell: 6 bar	Shell: PN10 15 bar PN16 24 bar

Material

Component	Flange	Rubber	
Material	Galvanised carbon steel	EPDM	NBR

Installation Dimensions

Size DN(mm)	H	L	Allowable Displacement	
	mm	mm	Compression	Extension
32	140	95	9	6
40	150	95	10	6
50	165	105	10	7
65	185	115	13	7
80	200	130	15	8
100	220	135	19	10
125	250	170	19	12
150	285	180	20	12
200	340	205	25	16
250	405	240	25	16
300	460	260	25	16
350	520	265	25	16
400	580	265	25	16
450	640	265	25	16
500	715	265	25	16
600	780	265	25	16



Specification

- Connection Standard: ISO7005-1
EN1092-1
- Test Standard: ISO5208-2008
- Vacuum Degree: 650mmHg
- Deflection Angle: 15°
- Medium: water, oil, gas

