

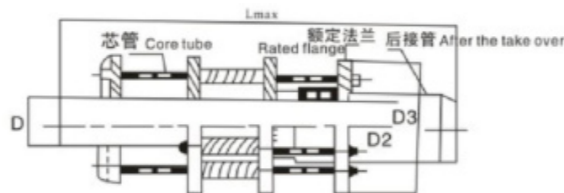


ZTB-B Direct-Buried Sleeve Compensator

Axial sleeve compensator for overhead or buried piping | Catalog range DN15-DN1000



Representative ZTB-B catalog configurations



Exact ZTB-B catalog structural drawing

Key Supply & Selection Data

Model	ZTB-B
Product Type	Sleeve compensator for axial pipeline movement
Catalog Size Range	DN15-DN1000
Compensation Amount	130 / 150 / 200 / 250 mm depending on nominal diameter
Installation Length	640 / 720 / 820 / 920 mm depending on nominal diameter
Maximum Friction	Catalog table provides Pe values at 1.6 MPa
Construction	Core tube, sleeve / outer tube, flange section and packing-seal chamber
Service	Overhead piping and direct-buried piping for axial thermal expansion compensation
Typical Industries	District / urban heating, metallurgy, mining, power, petroleum, chemical and construction piping
Project Configuration	Final DN, pressure, movement, material, connection details and installed envelope are confirmed by approved drawing

Fast Supply & Custom Production

- Common sizes and project configurations can be prepared for fast supply.
- Custom production can start after drawing and specification confirmation.
- DN, compensation amount, installation length, pressure, materials and connection details can be produced to approved project requirements.



Catalog Main Connection Dimensions

Exact Mingchao ZTB-B catalog table. Dimensions and compensation values are in mm; friction is shown as Pe (N) at 1.6 MPa.

The original catalog table is reproduced to preserve every published value without reinterpretation.

DN15-DN1000 Dimensional Reference

Catalog source: printed page 29

DN mm	Core Tube I.D. D1 (mm)	Core Tube O.D. D2 (mm)	Flange O.D. D3 (mm)	Packing Chamber Length (mm)	Compensation Amount (mm)	Installation Length (mm)	Max. Friction Pe (N) / 1.6 MPa
15	14	18	95	36	130	640	579
20	18	23	105	36	130	640	773
25	24	30	115	36	130	640	1060
32	30	36	120	36	130	640	1311
36	36	43	125	36	130	640	1415
40	41	48	130	36	130	640	1518
50	17	55	160	56	150	720	1932
65	63	71	180	56	150	720	2485
70	65	74	190	56	150	720	1588
80	78	87	195	56	150	720	3002
100	94	106	215	56	200	820	6271
125	117	131	245	56	200	820	7750
150	143	157	280	56	200	820	9285
175	178	192	335	70	200	820	13251
200	201	217	335	70	200	820	14977
225	225	242	390	70	200	820	10167
250	253	270	390	70	200	820	21297
300	303	322	440	91	200	820	26399
350	353	373	500	91	200	820	29421
400	404	426	565	91	200	820	33286
450	455	478	615	91	200	820	33852
500	505	528	670	91	250	920	36234
600	653	630	780	91	250	920	13205
700	693	720	880	91	250	920	61771
800	792	820	990	112	250	920	70398
900	890	920	1095	112	250	920	79025
1000	990	1020	1195	112	250	920	87653

Selection & Engineering Note

- Use the catalog values as the dimensional reference for the listed ZTB-B sizes; final interfaces and project-specific construction are confirmed on the approved drawing.
- Before selection, confirm DN, operating pressure, medium, temperature, required axial compensation, installation length, pipeline alignment, anchors / guides and whether the installation is overhead or buried.
- Packing, sealing arrangement, corrosion protection and project materials should be selected for the actual service environment and maintenance requirements.

For detailed technical requirements, custom configurations or project questions, please contact us.