

B2001/B2041/B2003-... Metal Flexible Connection Series



Metal Flexible Connection
B2041/B2001/B2003-...Series
Internal/External Thread, Flanged Connection
PN16, PN25

Performance & Features:

This flexible connection series can effectively absorb vibration and noise generated in the pipeline system, and compensate for positional deviations during piping connection. Featuring a U-shaped or O-shaped body structure, it enables self-cleaning and facilitates system cleaning and maintenance.

- ◆ Excellent flexibility with no blockage or stiffness, offering great flexibility between pitches.
- ◆ Light weight, good diameter consistency, excellent flexibility, repeated bending performance and pliability, high tensile strength, superior lateral pressure resistance and high explosion-proof rating.
- ◆ Stainless steel pipe body and pipe body protection mesh sleeve, which can avoid mechanical damage, and have good corrosion resistance and high temperature resistance; a special structure designed for the corrugated pipe body, which can not only absorb vibration and reduce noise for pipelines and equipment, but also compensate for the displacement of pipelines caused by spatial position difference.

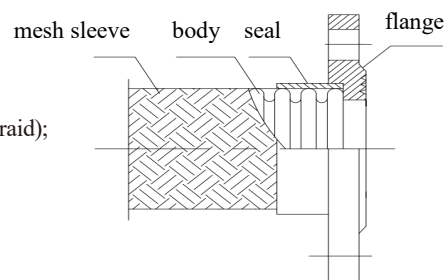
Applications:

The flexible connection has excellent comprehensive performance, including high temperature resistance, high pressure resistance and high corrosion resistance, so it is widely used in infrastructure projects such as chemical industry, construction, water supply, drainage, petroleum, light and heavy industry, refrigeration, sanitation, HVAC, fire protection, and electric powers.

Model Designation:

For example: B2001-100-16P

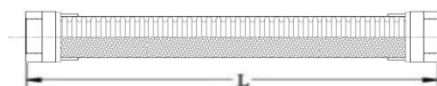
1. "B20 " Flexible Connection;
2. "0" Metal Flexible Connection; "4" Metal Flexible Pipe (without outer metal protective braid);
3. "1" Thread; "2" Clamp; "3" Flange; "4"Welded; "5" Meter Union;
4. "-" separator;
5. "-100": Nominal Diameter DN100;
6. "-25/16/10" Nominal Pressure, PN25/PN16/PN10;
7. "P" Stainless steel ;



Technical Specification:

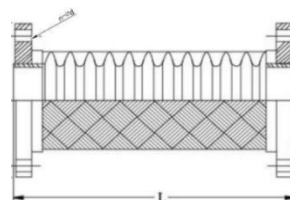
PN (Nominal Pressure)	PN10, PN16, PN25
Connection standard	Threaded connection IS0228, Flanged connection GB/T9119
Braid, body	Stainless steel (304/316, etc.)
Flange	Cast steel, Stainless steel

Dimension Chart:



Model	DN	L (mm)
B2001/B2041-15-16	DN15	200
B2001/B2041-20-16	DN20	200
B2001/B2041-25-16	DN25	200
B2001/B2041-32-16	DN32	300
B2001/B2041-40-16	DN40	300
B2001/B2041-50-16	DN50	300

Note: The lengths specified in this table are standard dimensions. This product can be customized according to on-site requirements. Please contact the ZIGTOO representative for further inquiries.



Model	DN	L (mm)
B2003-15-16	DN15	300
B2003-20-16	DN20	300
B2003-25-16	DN25	300
B2003-32-16	DN32	300
B2003-40-16	DN40	300
B2003-50-16	DN50	300
B2003-65-16	DN65	300
B2003-80-16	DN80	300
B2003-100-16	DN100	300
B2003-125-16	DN125	300
B2003-150-16	DN150	300
B2003-200-16	DN200	300
B2003-250-16	DN250	300
B2003-300-16	DN300	300
B2003-350-16	DN350	300
B2003-400-16	DN400	400
B2003-450-16	DN450	400
B2003-500-16	DN500	500
B2003-600-16	DN600	500
B2003-700-16	DN700	600

The lengths specified in this table are standard dimensions. This product can be customized according to on-site requirements. Please contact the ZIGTOO representative for further inquiries. The design and manufacture of corrugated pipes shall be in accordance with GB/T 14525-2010.