

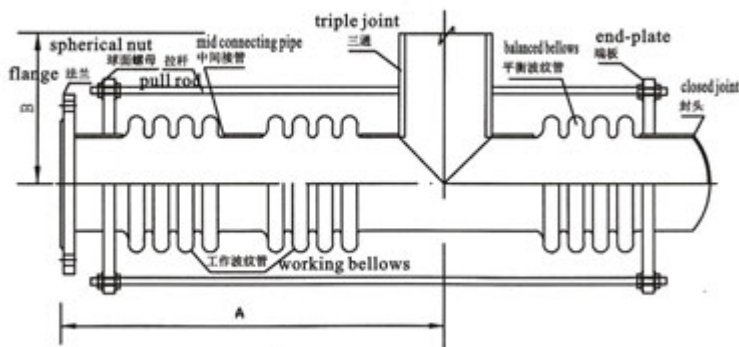
## BW-WP 型弯管压力平衡型不锈钢波纹补偿器

### BW-WP curved pipe pressure-balancing stainless steel corrugated compensator

BW-WP 型弯管压力平衡型不锈钢波纹补偿器（膨胀节）由一个工作波纹管或中间管所连接的两个工作波纹管和一个平衡波纹管及弯头或三通、封头、拉杆、端板和球面与锥面垫圈等结构件组成，主要用于吸收轴向与横向组合位移并能平衡波纹管压力推力的膨胀节。工作波纹管吸收来自弯管段产生的横向位移；平衡波纹管吸收来自直管段的轴向位移。当弯管段产生横向位移，拉杆上球面螺母绕球面垫圈转动，同时拉杆承受内压力推力。

BW-WP curved pipe pressure-balancing stainless steel corrugated compensator is made up of structures as two working bellows, which is connected by a working bellows or a mid pipe, and a balanced bellows, ball joint or triple joint, closed joint, pull rod, end-plate, spherical or cone-shaped washer etc. It is a compensator used to absorb composite axial and transverse displacement and can balance the pressure and thrust of the bellows. Working bellows absorbs the transverse displacement caused by the curved part of the pipe while the balanced bellows absorbs the axial caused by the straight. When the curved part produces transverse displacement, the spherical nut on the pull rod rotates around the washer and the pull rod bears the inner pressure or thrust.

#### 产品简图：Sketch:



BW-WP型 弯管压力平衡型 长度可定制 curved pipe pressure-balancing type customer length

#### 完整标记示例：full mark example

BW - 500 - 1.0 - WP

弯管压力平衡  
curved pipe pressure-balancing type

工作压力 MPa working press

公称通径 nominal diameter

不锈钢波纹管 stainless steel bellows

#### 技术特性表：

#### technical characteristics table

| 公称通径<br>mm<br>nominal<br>diameter | 波数<br>wave<br>number | 长度 mm<br>length | 工作压力 0.6MPa working<br>pressure |                             | 工作压力 1.0MPa working pressure |                             |
|-----------------------------------|----------------------|-----------------|---------------------------------|-----------------------------|------------------------------|-----------------------------|
|                                   |                      |                 | 轴向补偿量 mm<br>axial               | 轴向刚度 N/mm<br>axial rigidity | 轴向补偿量 mm<br>axial            | 轴向刚度 N/mm<br>axial rigidity |

|      |       |      |      | compensation |     |      |     | compensation |     |      |     |
|------|-------|------|------|--------------|-----|------|-----|--------------|-----|------|-----|
|      |       | A    | B    | A 向          | B 向 | A 向  | B 向 | A 向          | B 向 | A 向  | B 向 |
| 500  | 4+4+6 | 2000 | 700  | 20           | 20  | 500  | 100 | 20           | 20  | 600  | 110 |
| 600  | 4+4+6 | 2000 | 700  | 20           | 20  | 600  | 120 | 20           | 20  | 650  | 135 |
| 700  | 4+4+6 | 2200 | 700  | 20           | 20  | 700  | 140 | 20           | 20  | 780  | 155 |
| 800  | 4+4+6 | 2300 | 800  | 20           | 20  | 800  | 160 | 20           | 20  | 890  | 175 |
| 900  | 4+4+6 | 2600 | 900  | 20           | 20  | 850  | 170 | 20           | 20  | 980  | 185 |
| 1000 | 4+4+6 | 2800 | 1000 | 30           | 30  | 900  | 200 | 30           | 30  | 1010 | 210 |
| 1100 | 4+4+6 | 3100 | 1100 | 30           | 30  | 1000 | 200 | 30           | 30  | 1120 | 220 |
| 1200 | 4+4+6 | 3200 | 1200 | 30           | 30  | 1100 | 250 | 30           | 30  | 1250 | 280 |
| 1300 | 4+4+6 | 3600 | 1300 | 30           | 30  | 1200 | 250 | 30           | 30  | 1410 | 290 |
| 1400 | 5+5+7 | 3700 | 1400 | 30           | 30  | 1200 | 240 | 30           | 30  | 1460 | 280 |
| 1500 | 5+5+7 | 4000 | 1500 | 30           | 30  | 1000 | 220 | 30           | 30  | 1200 | 260 |
| 1600 | 5+5+7 | 4200 | 1600 | 30           | 30  | 980  | 200 | 30           | 30  | 1100 | 240 |

注：尺寸 A、B 可根据用户定制。 Note: Dimension A, B can be customized.