



ZMA/BP Pneumatic diaphragm single seat control valve has adopted top-guided structure. Compact body structure, S-streamline liquid channel can supply big flow coefficient, wider rangeability and more precise flow characteristic. It has aseismatic and wearable characteristic because of big guided square in the core's guided part. The seat closed performance was processed as per GB/T4213-92,ANSI,DIN,BS,JIS standard and it matched a multi-spring diaphragm actuator structure, which is fit for the situation of top reliability, high/low temperature in good closed performance and small differential pressure.

SPECIFICATIONS AND TECHNICAL DATA

BODY

Body style: Straight single seat foundry ball valve

DN: 20~200mm

PN: PN16, 40, 63,100MPa

Joint style: Flange (standard) Thread, welding (required by customer)

Flange standard: Steel flange as per ANSI B16.5,DIN,GB9113-2000, JB/T-94,

Format of sealing surface: Convex face for PN16MPa, Convex &concave for PN 40, 63,100MPa

Face to Face Dimension: as per ANSI B16.10,DIN

Material: Body, inner components matched material and work temperature range refer to table 1.

Structural style: Normal type (-20°C ~ +200°C) Chart 1

Low temperature type(-60°C ~-196°C)Chart 2

Heat elimination type(-40°C ~ +450°C) Chart 3

Bellows seal type Chart 4

Jacket heat preservation type Chart 5

Adjustment cut type Chart 6

Gland: Press-plate format

Packing: V-pattern PTFE, soft graphite

Gasket: Pattern.....tooth-pattern and flat

Material.....F4/reinforced F4, stainless steel and graphite

ZMA/BP Single-seat control valve structure

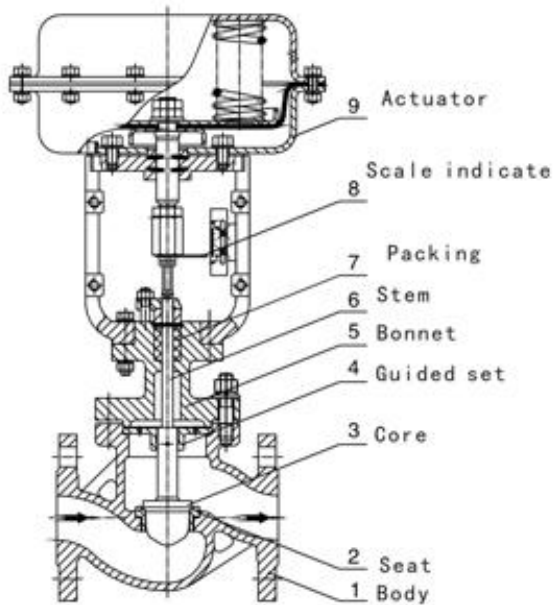


Chart1 ZMBP STANDARD

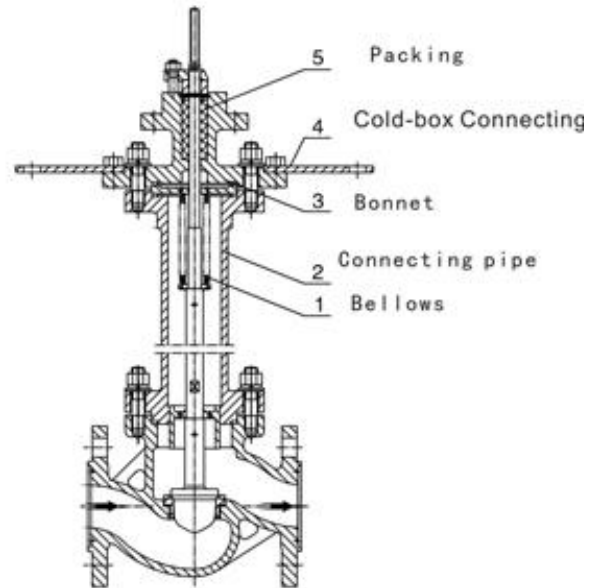


Chart2 ZMA/BP-D LOW TEMPERATURE

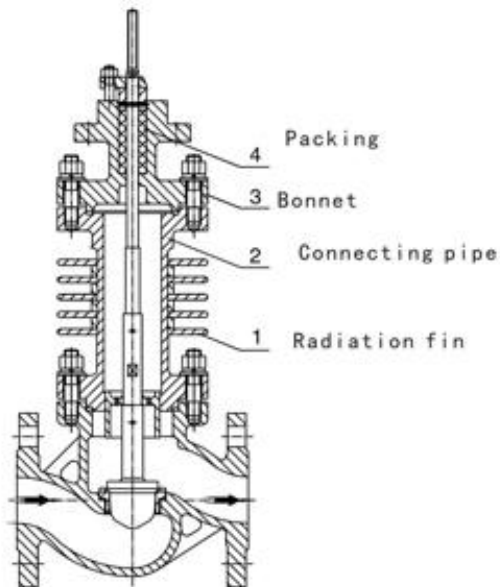


Chart3 ZMA/BP-G LOW ELIMINATION

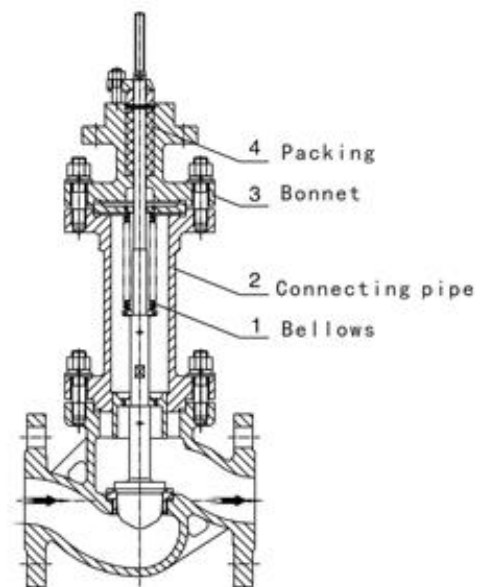


CHART4 ZMA/BP-W BELLOWS SEAL

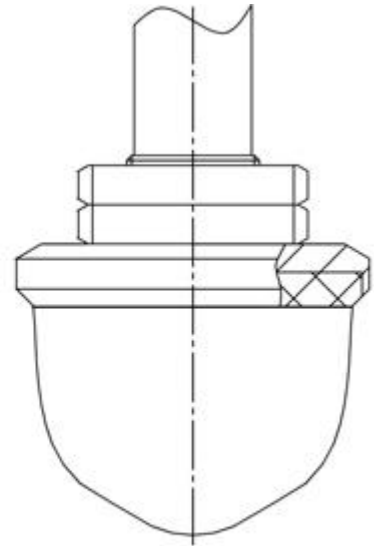
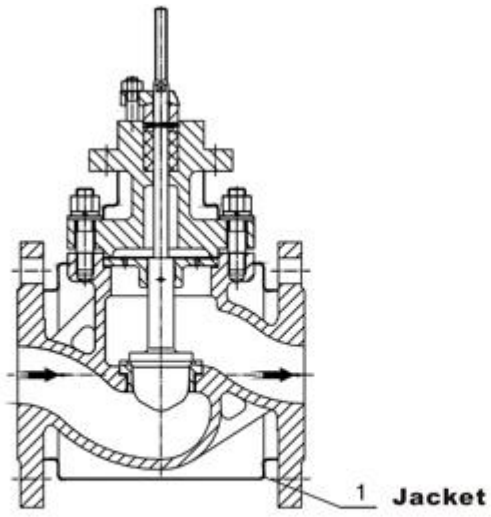


CHART 5 ZMA/BP-J JACKET HEAT PRESERVATION

CHART6 ZMA/BP-Q TRIP CORE