

ANSI/CLASS VALVES

Globe Valve Class 150 - 300 - 600



TECHNICAL DATA

|                     |                                                                                                                                                                                 |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Connection          | ANSI B16.5                                                                                                                                                                      |
| Working pressure    | Rating Material Min. Temperature / Max.<br>Pressure Class 150 WCB -29° to 38° C / 19.6 Bar<br>Class 300 WCB -29° to 38° C / 51.1 Bar<br>Class 600 WCB -29° to 38° C / 102.1 Bar |
| Working temperature | -30°C / +425°C                                                                                                                                                                  |

WHERE IT IS USED

- Food
  - Chemical - Petrochemical
- Power Plants
  - Mining Applications

DIMENSION TABLE

| DN  | H   | CLASS 150 R | CLASS 150 RF | CLASS 150 RTJ | CLASS 150 BW | CLASS 150 KG | CLASS 150 H | CLASS 150 R | CLASS 300 RF | CLASS 300 RTJ | CLASS 300 BW | CLASS 300 KG | CLASS 300 H | CLASS 300 R | CLASS 600 RF | CLASS 600 RTJ | CLASS 600 BW | CLASS 600 KG |
|-----|-----|-------------|--------------|---------------|--------------|--------------|-------------|-------------|--------------|---------------|--------------|--------------|-------------|-------------|--------------|---------------|--------------|--------------|
| 15  | 182 | 100         | 108          | 119           | 108          | 4            | 185         | 100         | 152          | 164           | 152          | 5            | -           | -           | -            | -             | -            |              |
| 20  | 193 | 100         | 117          | 130           | 117          | 6            | 195         | 100         | 178          | 191           | 178          | 7            | -           | -           | -            | -             | -            |              |
| 25  | 217 | 100         | 127          | 140           | 127          | 8            | 220         | 135         | 203          | 216           | 203          | 10           | -           | -           | -            | -             | -            |              |
| 32  | 235 | 135         | 140          | 152           | 140          | 12           | 240         | 135         | 216          | 229           | 216          | 14           | -           | -           | -            | -             | -            |              |
| 40  | 258 | 135         | 165          | 178           | 165          | 16           | 260         | 160         | 229          | 241           | 229          | 19           | -           | -           | -            | -             | -            |              |
| 50  | 330 | 200         | 203          | 216           | 203          | 25           | 385         | 200         | 268          | 283           | 267          | 25           | 360         | 250         | 292          | 295           | 292          | 32           |
| 65  | 360 | 250         | 216          | 229           | 216          | 42           | 420         | 200         | 292          | 308           | 292          | 42           | 410         | 280         | 330          | 333           | 330          | 42           |
| 80  | 390 | 280         | 241          | 254           | 241          | 46           | 440         | 280         | 318          | 333           | 318          | 46           | 465         | 300         | 356          | 359           | 356          | 63           |
| 100 | 445 | 300         | 292          | 305           | 292          | 74           | 515         | 350         | 356          | 371           | 356          | 74           | 545         | 400         | 432          | 435           | 432          | 107          |
| 125 | 480 | 350         | 356          | 369           | 356          | 111          | 580         | 350         | 400          | 416           | 400          | 111          | 625         | 500         | 508          | 511           | 508          | 185          |
| 150 | 520 | 350         | 406          | 419           | 406          | 165          | 660         | 400         | 444          | 460           | 444          | 165          | 785         | 550         | 559          | 562           | 559          | 290          |
| 200 | 600 | 400         | 495          | 508           | 495          | 275          | 900         | 550         | 559          | 575           | 559          | 275          | 930         | 650         | 660          | 664           | 660          | 540          |
| 250 | 773 | 450         | 622          | 635           | 622          | 400          | 950         | 600         | 622          | 638           | 622          | 400          | -           | -           | -            | -             | -            |              |
| 300 | 880 | 500         | 698          | 711           | 698          | 624          | 1030        | 700         | 711          | 727           | 711          | 624          | -           | -           | -            | -             | -            |              |

MATERIAL LIST

| No | Part | Material |
|----|------|----------|
| 1  | BODY | ASTM     |

| No | Part              | Material          |
|----|-------------------|-------------------|
| 2  | DISC              | ASTM A105+13Cr    |
| 3  | STEM              | ASTM A105+13Cr    |
| 4  | BONNET BOLT       | ASTM A193 B7      |
| 5  | BONNET NUT        | ASTM A194 2H      |
| 6  | GASKET            | AISI 304+GRAPHITE |
| 7  | BACK SEAT BUSHING | ASTM A182 F6a     |
| 8  | BONNET            | ASTM A216 WCB     |
| 9  | PACKING           | GRAPHITE          |
| 10 | PIN               | ASTM A276 410     |
| 11 | GLAND             | ASTM A182 F6a     |
| 12 | HANDWHEEL         | DUCTILE IRON      |
| 13 | HANDWHEEL NUT     | AISI 1020         |

DATA SOURCE

Metroend-Urun-Katalogu.pdf · printed page 123 (PDF 122)

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<https://vana.bogahost.com/en/products/valves/ansi-class-valves/globe-valve-class-150-300-600>

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