

FORGED GLOBE VALVES FLANGED ANSI #600

Материал steel ASTM A105N

Налягане 600 Lbs

Размер DN 15 - 50 ; 1/2" - 2"

DESCRIPTION

Forged steel globe valves flanged ASME Class # 600, API trim # 1; triple # 5 and triple # 8, straight, with flange fitting ANSI 16.5 ("smooth surface buckwheat"), reduced passage, pulling spindle

WORKING FLUID / MEDIA

Water, steam, oils, fuels, gases and gas vapours

CONSTRUCTION DETAILS

Design BS 5352

OPTIONS

- Different stem materials, disc and seat
- Higher pressure rating
- Materials for higher or sub zero temperatures
- Trim #1 (available on stock), other trim types on request



| No. | Parts | Materials | Specification | |
|-----|---------------|-----------------------------|---------------------|---------------|
| | | | Standard | BS 5352 |
| 1 | Body | steel ASTM A105N (1.0460) | Standard | BS 5352 |
| 2 | Bonnet | steel (1.0460) | Connection | flanged B16.5 |
| 3 | Disc | 13Cr | Face to Face length | ASME B16.10 |
| 4 | Seat | trim #1; #5 ; #8 | Bonnet connection | bolted |
| 5 | Stem | steel 13Cr | Body construction | straight |
| 6 | Gland packing | graphite | Operation | manual |
| 7 | Gasket | graphite / st. steel 1.4401 | Actuation | multiturn |
| 8 | Bolts | 21CrMoV5-7 | T max. °C | 426 °C |
| 9 | Gland flange | A105N (1.0460) | | |
| 10 | Gland bush | 13Cr | | |
| 11 | Bolts | A2-70 | | |
| 12 | Nuts | A2-70 | | |
| 13 | Stem nut | 13Cr | | |
| 14 | Wheel | cast iron or steel | | |

Regulating range of temperature and pressure

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| Regulating range of temperature and pressure | | | | | | | | | | | | |
|--|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| T° | -29÷38 °C | 100 °C | 150 °C | 200 °C | 250 °C | 300 °C | 350 °C | 375 °C | 400 °C | 425 °C | 450 °C | 500 °C |
| Bar | 18,6 | 17,7 | 15,8 | 13,8 | 12,1 | 10,2 | 8,4 | 7,4 | 6,5 | 5,5 | 4,6 | 2,4 |
| ASTM A105N is not recomendet for temperatures above 426 °C | | | | | | | | | | | | |
| acc. ASME B16.34 | | | | | | | | | | | | |

| Dn | Pn | Flange conn./py | L | H | D | B | Weight (kg) |
|----|---------|-----------------|-----|-------|-----|-------|-------------|
| 15 | 600 lbs | ANSI #600 | 165 | 176,5 | 88 | 95,5 | 4,4 |
| 20 | 600 lbs | ANSI #600 | 191 | 202 | 88 | 117,5 | 6,2 |
| 25 | 600 lbs | ANSI #600 | 216 | 234 | 97 | 124 | 8,7 |
| 40 | 600 lbs | ANSI #600 | 241 | 283 | 138 | 155,5 | 16,5 |
| 50 | 600 lbs | ANSI #600 | 292 | 321 | 172 | 165 | 23,6 |