

EKO4000

FLANGED GLOBE VALVE



TECHNICAL ADVANTAGES

- Valve design according to BS EN 13789
- Flange Connection According to EN 1092-2 (ISO 7005-2)
- Face to Face dimensions According to EN 558-1 F1 / ISO 5752
- Valve Test According to EN12266-1
- Valve Marking EN19
- Oblique Body Structure
- Metal-Metal Application
- Rising Stem
- Suitable for High Temperatures (Also Steam)
- Avoids Water Hammer
- Suitable for Flow Control
- Anti-Leaking Stem
- Non-Ascending Shaft
- Vacuum Service
- Working Pressure PN16
- Available for Cold and hot Water Applications, Oil, Steam, Gas and Air

MATERIAL

- Body: GG25 Cast Iron
- Seat: SAE 420
- Disc: SS304
- Pin: Stainless Steel
- Gasket: Graphite
- Packing: Graphite
- Compression Nut: GG25 Cast Iron
- Bonnet: GG25 Cast Iron
- Brass Nut: MS58 Brass
- Stem: SS304
- Handwheel: GG25 Cast Iron
- Nut: DIN 934
- Washer: DIN 127
- Bolt: DIN 933
- Set Screw: DIN 914

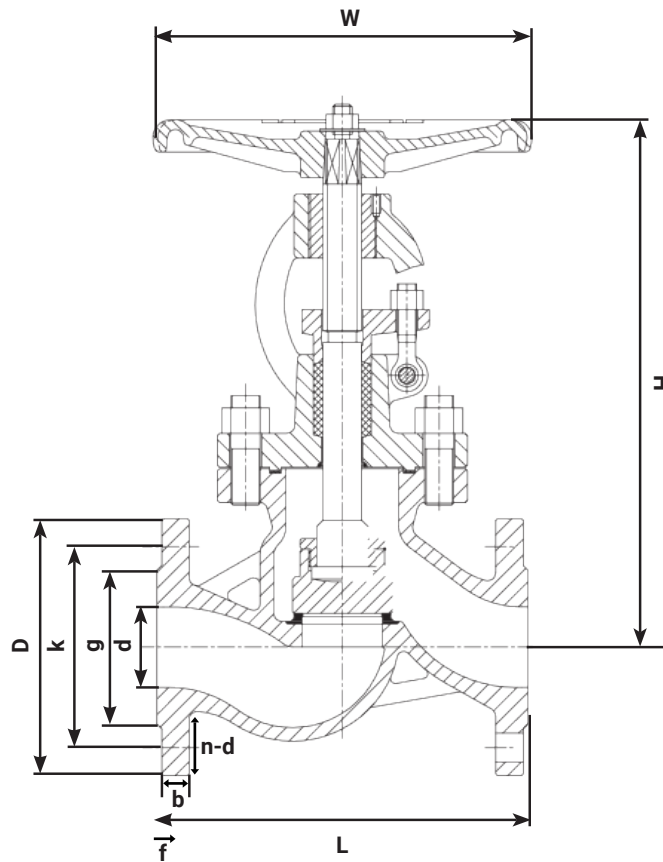


COATING

- Inner and outer surface of the valve is powder epoxy (250-350 Microns) coated

VERSIONS

- Can be supplied with Rising stem and Non Rising Stem options
- Bellow seal Optional
- PN40 Cast Steel (Refer to EKO4100).



Flanged Globe Valve Dimension Table

| DN | | TS 10873 / EN 558-1 DIMENSIONS | | | | | | | | CONNECTIONS ISO 7005-2 / EN 1092 - 2 | | PRODUCT DATA | |
|-----|-----|--------------------------------|-----|-----|-----|-----|-----|---|----|--------------------------------------|-----------------|--------------|-------------|
| Ømm | H | H1 | L | d | D | k | g | f | b | l | Number of Holes | KV m3/h | Weight (Kg) |
| 15 | 160 | 180 | 130 | 15 | 95 | 65 | 46 | 2 | 14 | 14 | 4 | 5 | 3,6 |
| 20 | 175 | 190 | 150 | 20 | 105 | 75 | 56 | 2 | 16 | 14 | 4 | 8 | 4,9 |
| 25 | 185 | 210 | 160 | 25 | 115 | 85 | 65 | 3 | 16 | 14 | 4 | 11 | 5,2 |
| 32 | 230 | 255 | 180 | 32 | 140 | 100 | 76 | 3 | 18 | 19 | 4 | 18 | 7,5 |
| 40 | 235 | 260 | 200 | 40 | 150 | 110 | 84 | 3 | 18 | 19 | 4 | 28 | 9,5 |
| 50 | 265 | 290 | 230 | 50 | 165 | 125 | 99 | 3 | 20 | 19 | 4 | 46,3 | 12 |
| 65 | 300 | 340 | 290 | 65 | 185 | 145 | 118 | 3 | 20 | 19 | 4 | 72 | 23,5 |
| 80 | 355 | 400 | 310 | 80 | 200 | 160 | 132 | 3 | 22 | 19 | 8 | 126 | 28 |
| 100 | 365 | 415 | 350 | 100 | 220 | 180 | 156 | 3 | 24 | 19 | 8 | 170 | 36 |
| 125 | 435 | 490 | 400 | 125 | 250 | 210 | 184 | 3 | 26 | 19 | 8 | 267 | 61 |
| 150 | 495 | 550 | 480 | 150 | 285 | 240 | 211 | 3 | 26 | 23 | 8 | 380 | 88 |
| 200 | 570 | 660 | 600 | 200 | 340 | 295 | 266 | 3 | 30 | 23 | 12 | 683 | 129 |