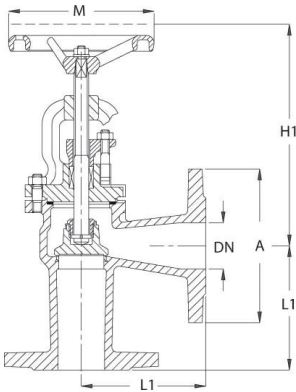


Fig. 242
Globe valve



econ®



Econ® cast iron globe valves with stainless steel trim, PN 16, angle pattern, flanged ends acc. to DIN PN10/16. Outside screw & yoke.

Application

Steam, cold and hot water, oil, air, gases etc.

Features

- Standard: DIN
- Pressure rating: PN 16
- Sealing: Stainless steel
- Connection: Flange
- Operation/Actuation: Hand wheel
- Standard face to face length: EN 558, Series 8
- Stem seal type: Gland seal
- Primary spindle seal material: Graphite
- Right-angled model: Yes
- Type of bonnet: Bolted bonnet
- Type: Globe valve
- Flange compression stage: PN 16
- Spindle and/or hand wheel rising: Yes
- Seat material: 1.4006
- Body material: Cast iron
- Material quality: EN-JL1040
- Disc material: 1.4021
- Quality class spindle: 1.4021
- Actuator material: Cast iron
- Material cover: EN-JL1040
- Material cover gasket: Graphite
- Construction type: Right-angled

Pressure and Temp Range

| | -10/120°C | 150°C | 180°C | 200°C | 230°C | 250°C | 300°C | |
|---------|-----------|-------|-------|-------|-------|-------|-------|-------|
| PN16 16 | | 14,4 | 13,4 | 12,8 | 11,8 | 11,2 | 9,6 | [bar] |

Dimensions

| DN | A | L1 | H1 | M | Weight | Kv-value |
|------|-----|-----|-----|-----|--------|----------------------|
| [mm] | | | | | [kg] | m ³ /hour |
| 15 | 95 | 90 | 168 | 100 | 3,3 | 7,2 |
| 20 | 105 | 95 | 166 | 100 | 3,9 | 9,2 |
| 25 | 115 | 100 | 180 | 120 | 5,0 | 16 |
| 32 | 140 | 105 | 187 | 120 | 6,6 | 22 |
| 40 | 150 | 115 | 234 | 160 | 8,4 | 37 |
| 50 | 165 | 125 | 236 | 160 | 12,8 | 51 |
| 65 | 185 | 145 | 271 | 180 | 17,3 | 98,5 |
| 80 | 200 | 155 | 291 | 200 | 22,7 | 143 |
| 100 | 220 | 175 | 332 | 250 | 35,8 | 226 |
| 125 | 250 | 200 | 387 | 250 | 52,8 | 281 |
| 150 | 285 | 225 | 437 | 320 | 74,2 | 455 |
| 200 | 340 | 275 | 532 | 360 | 126 | 860 |
| 250 | 405 | 325 | 651 | 360 | 200 | 1260 |
| 300 | 460 | 375 | 830 | 500 | 315 | - |

Order Information

| Stock | Article No. | Order code | DN | Type of valve | Face to face length [mm] |
|-------|-----------------|------------|-------|----------------------------|--------------------------|
| S | EC002420015FAH3 | 115791 | DN 15 | Fixed disc | 90 |
| | EC002420020FAH3 | 115796 | DN 20 | Fixed disc | 95 |
| S | EC002420025FAH3 | 115800 | DN 25 | Fixed disc | 100 |
| | EC002420025FKH3 | 115802 | DN 25 | Screw down non-return disc | 100 |

This product information sheet has been formulated with the greatest care, but no rights can be derived from it. Subject to change.

Fig. 242 Globe valve

| Stock | Article No. | Order code | DN | Type of valve | Face to face length [mm] |
|-------|-----------------|------------|--------|----------------------------|--------------------------|
| S | EC002420032FAH3 | 115804 | DN 32 | Fixed disc | 105 |
| | EC002420032FKH3 | 115806 | DN 32 | Screw down non-return disc | 105 |
| S | EC002420040FAH3 | 115809 | DN 40 | Fixed disc | 115 |
| S | EC002420040FKH3 | 115811 | DN 40 | Screw down non-return disc | 115 |
| S | EC002420050FAH3 | 115814 | DN 50 | Fixed disc | 125 |
| S | EC002420050FKH3 | 115817 | DN 50 | Screw down non-return disc | 125 |
| S | EC002420065FAH3 | 115819 | DN 65 | Fixed disc | 145 |
| S | EC002420065FKH3 | 115821 | DN 65 | Screw down non-return disc | 145 |
| S | EC002420080FAH3 | 115824 | DN 80 | Fixed disc | 155 |
| S | EC002420080FKH3 | 115826 | DN 80 | Screw down non-return disc | 155 |
| S | EC002420100FAH3 | 115828 | DN 100 | Fixed disc | 175 |
| S | EC002420100FKH3 | 115830 | DN 100 | Screw down non-return disc | 175 |
| S | EC002420125FAH3 | 115832 | DN 125 | Fixed disc | 200 |
| S | EC002420125FKH3 | 115833 | DN 125 | Screw down non-return disc | 200 |
| | EC002420150FAH3 | 115835 | DN 150 | Fixed disc | 225 |
| | EC002420150FKH3 | 115837 | DN 150 | Screw down non-return disc | 225 |