



ECON® Line blind valve Type: 1578 Steel Flange

ECON line blind valves are specially designed to separate pipelines and storage tanks for 100% [segregation]. The excellent quality guaranties a safe, reliable and environmentally friendly solution.

This in contrary by use of blind plates and "spectacle line blinds" which is labor-intensive and will always cause a loss of medium. Due to its quick open- and close mechanism ECON line blinds are easy to operate and the two combined discs – also called JoJo- can be removed or installed safe and free of leakage.

Application

- Oil and Chemical tankers and drilling-rigs.
- Storage tanks for oil, chemicals and gasses.
- Loading platforms
- Oil refineries
- Cryogenic applications
- Steam

Characteristics

Type: 1578

Norm: EN (DIN)

Housing material: Steel

Material quality: ASTM A216 WCB

Surface protection: Standard manufacturers coating

Connection: Flange

Face to Face norm: Manufacturer standard

Characteristics [2]

Sealing: PTFE

Material disc: ASTM A351 CF8

Material valve nut: ASTM A351 CF8

Material cover: ASTM A216 WCB

Material cover gasket: TFM1600

| DN ["] | L mm | H mm | A mm | S mm | M mm | Drain plug ["] | Weight [kg] |
|-----------|---------|---------|---------|---------|---------|-------------------|----------------|
| 50 | 154 | 201 | 165 | 30 | 30 | 1/2" | 20 |
| 65 | 154 | 211 | 185 | 32 | 30 | 1/2" | 22 |
| 80 | 154 | 218 | 200 | 36 | 30 | 1/2" | 24 |
| 100 | 162 | 252 | 235 | 36 | 36 | 1/2" | 34 |
| 125 | 162 | 269 | 270 | 50 | 36 | 1/2" | 44 |
| 150 | 162 | 292 | 285 | 50 | 36 | 1/2" | 48 |
| 200 | 162 | 331 | 350 | 55 | 36 | 1/2" | 75 |
| 250 | 200 | 355 | 405 | 70 | 36 | 1" | 114 |
| 300 | 200 | 360 | 460 | 70 | 36 | 1" | 120 |

| Size | Pressure rating | -10/+23 | 50 | 70 | 100 | 120 | 150 | 175 | [°C] |
|------------|-----------------|---------|-----|------|------|-----|-----|-----|-------|
| DN50-DN300 | PN10 | 10 | 7,7 | 5,9 | 4,3 | 3,4 | 1,8 | 1,2 | [bar] |
| DN50-DN300 | PN16 | 16 | 12 | 9,4 | 6,9 | 5,5 | 2,9 | 1,9 | [bar] |
| DN50-DN300 | PN25 | 25 | 19 | 14,7 | 10,8 | 8,6 | 2,9 | 1,9 | [bar] |

| Nominal inner diameter | Pressure rating | Pressure rating flange | Face to Face length mm | Article |
|------------------------|-----------------|------------------------|---------------------------|----------|
| DN50 | PN16 | PN16 | 154 | 13243692 |
| DN65 | PN16 | PN16 | 154 | 13243693 |
| DN80 | PN16 | PN16 | 154 | 13243694 |

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| Nominal inner diameter | Pressure rating | Pressure rating flange | Face to Face length mm | Article |
|------------------------|-----------------|------------------------|---------------------------|----------|
| DN100 | PN16 | PN16 | 162 | 13243696 |
| DN125 | PN16 | PN16 | 162 | 13243697 |
| DN150 | PN16 | PN16 | 162 | 13243698 |
| DN200 | PN10 | PN10 | 162 | 13503119 |
| DN200 | PN16 | PN16 | 162 | 13243700 |
| DN250 | PN10 | PN10 | 200 | 13243701 |

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