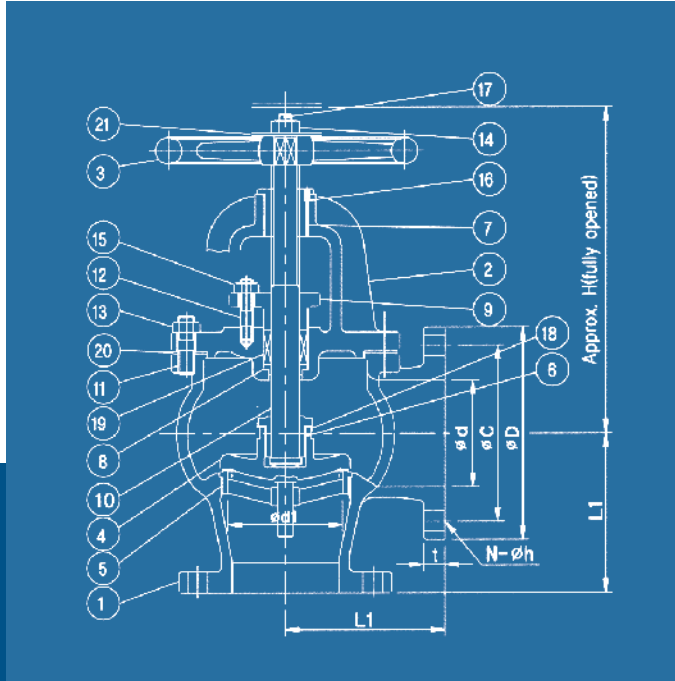


# TECHNICAL DATA

## ANGLE VALVE CAST IRON - 5K



### FLUID CONDITION & MAX. WORKING PRESSURE

| Rating<br>Fluid Condition   | JIS 5K<br>up to 200A |         | JIS 5K<br>250A to 400A |
|-----------------------------|----------------------|---------|------------------------|
|                             | Class B              | Class S | Class B                |
| Steam up to 230°C           | -                    | 0.49(5) | -                      |
| Steam up to 205°C           | 0.49(5)              | -       | -                      |
| Saturated steam             |                      |         |                        |
| Air and gas                 | 0.49(5) up to 300A   |         |                        |
| Oil and pulsation water     | 0.49(5)              |         |                        |
| Non-shock water up to 120°C | 0.69(7) up to 300A   |         | 0.59(6)                |

### DIMENSIONS

| Rating      | size<br>(mm) | Ød<br>(mm) | ØD<br>(mm) | ØC<br>(mm) | N-Øh<br>(mm) | t<br>(mm) | L1<br>(mm) | H<br>(mm) | Weight<br>(kg) |
|-------------|--------------|------------|------------|------------|--------------|-----------|------------|-----------|----------------|
| JIS 5K      | 50A          | 50         | 130        | 105        | 4-15         | 16        | 100        | 240       | 12.9           |
| (JIS F7306) | 65A          | 65         | 155        | 130        | 4-15         | 18        | 115        | 255       | 18.2           |
|             | 80A          | 80         | 180        | 145        | 4-19         | 18        | 130        | 265       | 23.4           |
|             | 100A         | 100        | 200        | 165        | 8-19         | 20        | 150        | 310       | 33.7           |
|             | 125A         | 125        | 235        | 200        | 8-19         | 20        | 170        | 330       | 46.2           |
|             | 150A         | 150        | 265        | 230        | 8-19         | 22        | 190        | 380       | 63.4           |
|             | 200A         | 200        | 320        | 280        | 8-23         | 24        | 220        | 450       | 105            |
|             | 250A         | 250        | 385        | 345        | 12-23        | 26        | 275        | 540       | 166            |
|             | 300A         | 300        | 430        | 390        | 12-23        | 28        | 310        | 610       | 243            |
|             | 350A         | 335        | 480        | 435        | 12-25        | 30        | 360        | 690       | 327            |
|             | 400A         | 380        | 540        | 495        | 16-25        | 30        | 395        | 770       | 459            |

### TECHNICAL FEATURES

- |    |                   |              |
|----|-------------------|--------------|
| 1  | body              | cast iron    |
| 2  | bonnet            | cast iron    |
| 3  | handwheel         | cast iron    |
| 4  | disc              | bronze / ss  |
| 5  | valve seat        | bronze / ss  |
| 6  | disc nut          | bronze / ss  |
| 7  | screw bonnet bush | bronze / ss  |
| 8  | bonnet bush       | bronze / ss  |
| 9  | packing gland     | bronze       |
| 10 | stem              | brass / ss   |
| 11 | stud bolt         | steel        |
| 12 | stud bolt         | steel        |
| 13 | hexagon nut       | steel        |
| 14 | hexagon nut       | steel        |
| 15 | hexagon nut       | steel        |
| 16 | lock pin          | steel        |
| 17 | split pin         | brass        |
| 18 | disc lock washer  | brass        |
| 19 | packing           | non asbestos |
| 20 | gasket            | non asbestos |
| 21 | washer            | steel        |



Indicator



Screw Down Non Return (SDNR)