

Stainless Steel Swing Check Valve to JIS JIS20K, 1/2"~6"

Series SC-JIS20K

Features

- Suitable for a wide range of industry and media
- Precision, high quality investment castings
- Suitable for both horizontal and vertical installation
- Bolted cover; integral stainless steel seat
- EN10204-3.1 Material certificate available

PMA: 290 psi (20 bar) @ 50°C

TMA: 180°C

Selection:

Material of Body:
SCS13/SCS14

Standards

- Inspection & test acc. to JIS B2003
- Face-to-face acc. to JIS B2002
- Basic design to ASME B16.34
- End flange dimension acc. to JIS B2220

Limitation

- If installed in a vertical position, the direction of flow must be in an up-flow direction.
- If installed in a horizontal position, the valve must be installed with the cover oriented to the top.

Materials List

| No. | PARTS NAME | MATERIALS |
|-----|------------|-----------------|
| 1 | BODY | SCS13 / SCS14 |
| 2 | DISC | SCS13 / SCS14 |
| 3 | HINGE | SCS13 / SCS14 |
| 4 | DISC NUT | SUS304 / SUS316 |
| 5 | HINGE PIN | SUS304 / SUS316 |
| 6 | GASKET | 304+GRAPHITE |
| 7 | COVER | SCS13 / SCS14 |
| 8 | NUT WASHER | SUS304 |
| 9 | NUT | SUS304 |
| 10 | DRAIN PLUG | SUS304 |

* Enclosed is a condensed table. For complete options, contact PVS FLOW CONTROL directly.

Dimensions (mm)

| Size | | d | L | H | T | t | A | B | D | N-ØM |
|------|-----|-----|-----|-----|----|---|-----|-----|-----|--------|
| IN | DN | | | | | | | | | |
| 1/2" | 15 | 15 | 152 | 61 | 14 | 1 | 51 | 70 | 95 | 4-Ø15 |
| 3/4" | 20 | 20 | 178 | 61 | 16 | 1 | 56 | 75 | 100 | 4-Ø15 |
| 1" | 25 | 25 | 216 | 79 | 16 | 1 | 67 | 90 | 125 | 4-Ø19 |
| 1½" | 40 | 40 | 241 | 93 | 18 | 2 | 81 | 105 | 140 | 4-Ø19 |
| 2" | 50 | 50 | 267 | 127 | 18 | 2 | 96 | 120 | 155 | 8-Ø19 |
| 2½" | 65 | 65 | 292 | 144 | 20 | 2 | 116 | 140 | 175 | 8-Ø19 |
| 3" | 80 | 80 | 318 | 154 | 22 | 2 | 132 | 160 | 200 | 8-Ø23 |
| 4" | 100 | 100 | 356 | 196 | 24 | 2 | 160 | 185 | 225 | 8-Ø23 |
| 5" | 125 | 125 | 400 | 217 | 26 | 2 | 195 | 225 | 270 | 8-Ø25 |
| 6" | 150 | 150 | 444 | 230 | 28 | 2 | 230 | 260 | 305 | 12-Ø25 |

