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|-----------------------------|-------------------|------------------|
| Nominal pressure | | PN16 |
| Test pressure | Body / Shell test | 2.4Mpa |
| | Seat test | 1.76Mpa |
| Maximum working temperature | | -10 °C to +90 °C |
| Suitable Media | | W.O.G etc |

- 1.Design and manufacture according to API609.
- 2.Face to face according to EN558-1 13 series.
- 3.Flange drilling according to EN1092-2 PN16.
- 4.Pressure test according to ISO 5208.
- 5.Top flange drilling according to ISO 5211 .

| DN | L | EN1092-2 PN16 | | H1±5 (Max) | H2±5 (Max) | H3 | Top Flange | ΦN | ΦC1 | n1-φd1 | HxH |
|-----|-----|---------------|-------|---------------|---------------|------|---------------|-----|-----|--------|-------|
| | | ΦC | n-φd | | | | | | | | |
| 50 | 108 | 125 | 4-19 | 80 | 110 | 29 | F05 | 65 | 50 | 4-8 | 9X9 |
| 65 | 112 | 145 | 4-19 | 80 | 134 | 29 | F05 | 65 | 50 | 4-8 | 9X9 |
| 80 | 114 | 160 | 8-19 | 95 | 131 | 29 | F05 | 65 | 50 | 4-8 | 9X9 |
| 100 | 127 | 180 | 8-19 | 114 | 150 | 29 | F07 | 90 | 70 | 4-10 | 11X11 |
| 125 | 140 | 210 | 8-19 | 113 | 170 | 29 | F07 | 90 | 70 | 4-10 | 14X14 |
| 150 | 140 | 240 | 8-23 | 139 | 180 | 29 | F07 | 90 | 70 | 4-10 | 14X14 |
| 200 | 152 | 295 | 12-23 | 175 | 210 | 35 | F10 | 125 | 102 | 4-12 | 17X17 |
| 250 | 165 | 355 | 12-28 | 204 | 248 | 35 | F10 | 125 | 102 | 4-12 | 22x22 |
| 300 | 178 | 410 | 12-28 | 249 | 281 | 35 | F10 | 125 | 102 | 4-12 | 22x22 |
| 350 | 190 | 470 | 16-28 | 253 | 312 | 45 | F10 | 125 | 102 | 4-12 | 22x22 |
| 400 | 216 | 525 | 16-31 | 282 | 343 | 51.2 | F14 | 175 | 140 | 4-18 | 27x27 |
| 450 | 222 | 585 | 20-31 | 323 | 381 | 51.2 | F14 | 175 | 140 | 4-18 | 27x27 |
| 500 | 229 | 650 | 20-34 | 348 | 433 | 64.2 | F14 | 175 | 140 | 4-18 | 36x36 |
| 600 | 267 | 770 | 20-37 | 416 | 518 | 70.2 | F16 | 210 | 165 | 4-22 | 36x36 |

| 6 | Seal Ring | EPDM | | |
|-----|--------------|--------------|------|--------|
| 5 | Stem Bushing | PTFE | | |
| 4 | Seat | EPDM | | |
| 3 | Stem | SS420 | | |
| 2 | Disc | Ductile iron | | |
| 1 | Body | Ductile iron | | |
| No. | Name of port | Material | Q'ty | Remark |

| | | | | |
|-------------|------|--------|-----------------|-----------|
| DRN | Wang | WEIGHT | MATERIAL | |
| CHK | | SCALE | Butterfly Valve | |
| APP | | DATE | | |
| hiwa | | | B70F-HJ | |
| | | | REV | 20240722a |

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