

**CLASS 125/ CLASS 250/
PN 16/PN25/JIS 10K/JIS 16K**

Wafer Type Double Door Check valve

Fig. DDCV5306 (DIN3202)
DDCV5307 (API 594)



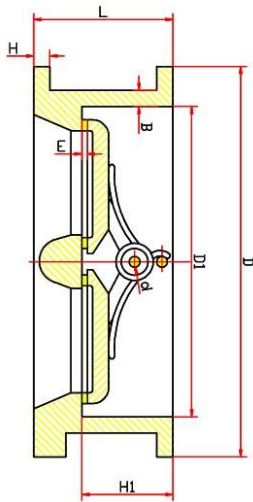
Valve Standard:

Comply with DIN 3202/ API 594

Pressure Temperature Ratings

| | |
|---------------------|--|
| Working Pressure | 16bar/ 25bar |
| Testing Pressure | Shell: 24bar/ 37.5bar |
| Working Temperature | -20oC to 1100C EPDM -10oC to 800C NBR |
| Suitable Media | Water, Oil & Gas |

Material Specification



| Part | Material | ASTM Spec. |
|------------------|---------------------|---------------|
| Body | Cast iron | A126 Class B |
| | Ductile Iron | A536 65-45-12 |
| | Stainless Steel 316 | A351 CF8M |
| | Stainless Steel 316 | S31600 |
| | Carbon Steel | A216 WCB |
| Disc | Ductile iron | A536 65-45-12 |
| | Aluminum Bronze | B584 C95400 |
| | Stainless Steel 304 | A351 CF8 |
| | Stainless Steel 316 | A351 CF8M |
| Stem | Stainless Steel 316 | S31600 |
| Seat-Ring | EPDM/ NBR | Commercial |
| Spring | Stainless Steel 316 | S31600 |
| | Stainless Steel 304 | S30400 |

Dimensions

| DN | mm | 50 | 65 | 80 | 100 | 125 | 150 | 200 | 250 |
|-------------|------|----|-------|----|-----|-----|-----|-----|-----|
| | inch | 2 | 2-1/2 | 3 | 4 | 5 | 6 | 8 | 10 |
| L (DIN3202) | | 43 | 46 | 64 | 64 | 70 | 76 | 89 | 114 |
| L (API594) | | 54 | 54 | 57 | 64 | 70 | 76 | 95 | 108 |

| DN | mm | 300 | 350 | 400 | 450 | 500 | 600 | 700 | 800 |
|-------------|------|-----|-----|-----|-----|-----|-----|------|------|
| | inch | 12 | 14 | 16 | 18 | 20 | 24 | 28 | 32 |
| L (DIN3202) | | 114 | 127 | 140 | 152 | 152 | 178 | 229 | 241 |
| L (API594) | | 143 | 184 | 191 | 203 | 213 | 222 | ---- | ---- |