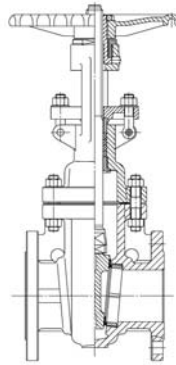
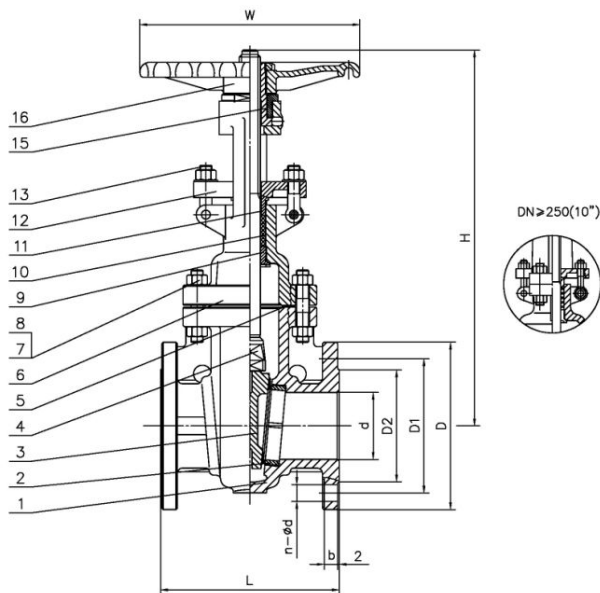


**Class : 150LB**  
**Design acc. : API 600 .**  
**Face to face : ANSI B16.10 .**  
**Flange ends : ANSI B16.5 .**  
**Pressure text : API 598 .**  
**Body : WCB / CF8**



**FIG : 040**



| FIG.    | Class | Material | Range  |
|---------|-------|----------|--------|
| 131.040 | 150   | WCB      | 2"-16" |
| 151.040 | 150   | CF8      | 2"-16" |

**Design acc. : API 600 .**  
**Face to face : ANSI B16.10 .**  
**Flange ends : ANSI B16.5 .**  
**Pressure text : API 598 .**

**Material list**

| NO. | Part              | Material       |                |
|-----|-------------------|----------------|----------------|
|     |                   | FIG. 131.040   | FIG.151.040    |
| 1   | Body              | ASTM A216 WCB  | ASTM A351 CF8  |
| 2   | Seat ring         | ASTM A105+13Cr | A182 F304+STL  |
| 3   | Wedge             | A216 WCB+13Cr  | A351 CF8+STL   |
| 4   | Stem              | ASTM A182 F6a  | ASTM A182 F304 |
| 5   | Gasket            | SS304+Graphite | SS304+Graphite |
| 6   | Bonnet            | ASTM A216 WCB  | ASTM A351 CF8  |
| 7   | Bolt              | ASTM A193 B7   | ASTM A193 B8   |
| 8   | Nut               | ASTM A194 2H   | ASTM A194 8    |
| 9   | Back seat bushing | ASTM A276 410  | ASTM A276 304  |
| 10  | Packing           | Graphite       | Graphite       |
| 11  | Gland             | ASTM A276 410  | ASTM A276 304  |
| 12  | Gland flange      | ASTM A216 WCB  | ASTM A351 CF8  |
| 13  | Eyebolt           | ASTM A193 B7   | ASTM A193 B8   |
| 15  | Stem nut          | ZCuAl10Fe3     | ZCuAl10Fe3     |
| 16  | Handwheel         | Ductile iron   | Ductile iron   |

**Dimension List**

| Class | Size   | d   | D   | D1    | D2  | b    | n-Φ   | L   | H    | W   |
|-------|--------|-----|-----|-------|-----|------|-------|-----|------|-----|
| 150LB | 2"     | 51  | 150 | 120.7 | 92  | 14.3 | 4-19  | 178 | 400  | 200 |
|       | 2 1/2" | 64  | 180 | 139.7 | 105 | 15.9 | 4-19  | 190 | 490  | 200 |
|       | 3"     | 76  | 190 | 152.4 | 127 | 17.5 | 4-19  | 203 | 508  | 250 |
|       | 4"     | 102 | 230 | 190.5 | 157 | 22.3 | 8-19  | 229 | 585  | 300 |
|       | 6"     | 152 | 280 | 241.3 | 216 | 23.9 | 8-22  | 267 | 795  | 350 |
|       | 8"     | 203 | 345 | 298.5 | 270 | 27   | 8-22  | 292 | 1015 | 350 |
|       | 10"    | 254 | 405 | 362   | 324 | 28.6 | 12-25 | 330 | 1230 | 400 |
|       | 12"    | 305 | 485 | 431.8 | 381 | 30.2 | 12-25 | 356 | 1465 | 450 |
|       | 14"    | 337 | 535 | 476.3 | 413 | 33.4 | 12-29 | 381 | 1755 | 500 |
|       | 16"    | 387 | 595 | 539.8 | 470 | 35   | 16-29 | 406 | 2030 | 600 |