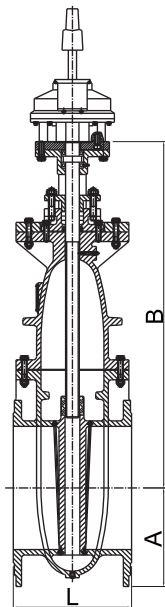


PN16

NRS Metal Seated Gate Valve(Heavy pattern, Vertical)

Fig. 3141



Valve Standard :

Comply with BS 5163 / BS 5150 / EN1047

Pressure Temperature Ratings

| | |
|---------------------|----------------|
| Working pressure | 16bar |
| Testing Pressure | Shell:24bar |
| | Seal:17.6bar |
| Working Temperature | -10°C to 120°C |

Material Specification

| Part | Material | EN Spec. |
|----------------|-----------------|-----------------|
| Body | Ductile Iron | EN-JS1050 |
| Bonnet | Ductile Iron | EN-JS1050 |
| Disc | Ductile Iron | EN-JS1050 |
| Body Seat Ring | Stainless Steel | BS970 316 C 16 |
| | Copper Alloy | EN 1982 CC 333G |
| Gate Seat Ring | Copper Alloy | EN 1982 CC 333G |
| | | EN 1982 CC 491K |
| Stem | Stainless Steel | BS970 431 S 29 |
| | Stainless Steel | BS970 316 S 16 |
| Packing | Buna-N | Non-Asbestos |
| | F4 | |
| Cap Top | Cast Iron | EN-JL1040 |

Dimensions

| DN | mm | 300 | 400 | 450 | 500 | 600 | 700 | 800 | 900 | 1000 | 1200 | 1400 |
|----|------|-----|------|------|------|------|------|------|------|------|------|------|
| | inch | 12 | 16 | 18 | 20 | 24 | 28 | 32 | 36 | 40 | 48 | 56 |
| L | | 356 | 406 | 432 | 457 | 508 | 610 | 660 | 711 | 811 | 950 | 1200 |
| A | | 265 | 325 | 360 | 381 | 463 | 520 | 575 | 650 | 700 | 845 | 990 |
| B | | 631 | 1158 | 1281 | 1548 | 1720 | 1920 | 2075 | 2240 | 2455 | 2800 | 3080 |