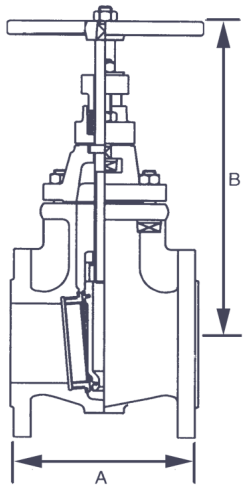


# JV061014

## Cast Iron
## PN16 Rated
## Gate Valve
## Flanged ANSI 150

An economic PN16 rated cast iron, full bore gate valve with a bronze seat and brass stem with ANSI 150 FF drilled flanges suitable for various duties.

**Features, Benefits & Approvals**

- Inside screw with non-rising stem
- Cast bronze seat
- Bolted bonnet

**Pressure & Temperature**

Maximum pressure:-
PN16 rated

Temperature range:-
-10°C to 150°C

| DN | 50 | 65 | 80 | 100 | 125 | 150 | 200 | 250 | 300 |
|---|---|---|---|---|---|---|---|---|---|
| A | 178 | 190 | 203 | 229 | 254 | 267 | 292 | 330 | 356 |
| B | 265 | 300 | 340 | 370 | 415 | 460 | 555 | 665 | 730 |
| Flange PCD | 120.7 | 139.7 | 152.5 | 190.5 | 215.9 | 241.5 | 298.5 | 362 | 432 |
| Flange Bolts | 4 x 19 | 4 x 19 | 4 x 19 | 8 x 19 | 4 x 22 | 8 x 22 | 8 x 22 | 12 x 26 | 12 x 26 |
| Weight Kg | 12 | 16 | 23 | 31 | 42 | 55 | 88 | 134 | 180 |

| MATERIALS | |
|---|---|
| Body & Bonnet | Cast Iron (GG25) |
| Wedge | 50-65mm Brass • 80-300mm Cast Iron |
| Seat | Bronze |
| Stem | Brass |
| Stem Nut | Steel |
| Gasket | Compressed Fibre (Fasit 205) |
| Packing | PTFE |
| Handwheel | Cast Iron (GG25) |

| TECHNICAL INFOMATION | | | |
|---|---|---|---|
| Size | Turns to Open/Close | Max. Torque Closing | KV |
| DN50 | 12.5 | 30 | 250 |
| DN65 | 16 | 35 | 430 |
| DN80 | 20 | 35 | 790 |
| DN100 | 25 | 40 | 1250 |
| DN125 | 25 | 45 | 1960 |
| DN150 | 30 | 45 | 2790 |
| DN200 | 40 | 60 | 2880 |
| DN250 | 42 | 90 | 4306 |
| DN300 | 50 | 90 | 6380 |



All data is designed as a guide and should not be regarded as wholly accurate in every detail
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Datasheet No. 061014 - 03/21