



## JV080045

**Ductile Iron Body  
NBR Seals  
Swing Type  
Check (Non-Return) Valve**

**Flanged  
PN16/10**

Other flange drillings or undrilled on request



A robust ductile iron, swing type (flapper) check valve with a ductile iron disc and NBR seals suitable for cold and hot water, seawater, fuel oil and other non-aggressive medium.

It can be fitted in the horizontal position or in the vertical position with the flow going upwards.

### Features, Benefits & Approvals

- Length to DIN 3202 F6
- 3.1 material certificates on request
- Suitable for many applications
- Bolted bonnet

### Pressure & Temperature

Maximum pressure:-

DN40-200 : PN16 rated  
DN250-300 : PN10 rated  
DN350-450 : PN6 rated

Temperature range:-

0°C to 80°C

#### PN16 Flange

| DN        | 40  | 50   | 65   | 80  | 100  | 125 | 150 | 200 | 250 | 300 | 350 | 400 | 450  |
|-----------|-----|------|------|-----|------|-----|-----|-----|-----|-----|-----|-----|------|
| L         | 180 | 200  | 240  | 260 | 300  | 350 | 400 | 500 | 600 | 700 | 800 | 900 | 1000 |
| H         | 100 | 110  | 130  | 145 | 170  | 195 | 205 | 260 | 340 | 370 | 400 | 450 | 500  |
| D         | 150 | 165  | 185  | 200 | 220  | 250 | 285 | 340 | 405 | 460 | 520 | 580 | 640  |
| Weight Kg | 10  | 11.5 | 16.5 | 21  | 27.5 | 45  | 65  | 120 | 150 | 200 | 120 | 150 | 200  |

#### PN10 Flange

| DN        | 200 | 250 | 300 | 350 | 400 | 450  |
|-----------|-----|-----|-----|-----|-----|------|
| L         | 500 | 600 | 700 | 800 | 900 | 1000 |
| H         | 260 | 340 | 370 | 400 | 450 | 500  |
| D         | 340 | 395 | 445 | 505 | 565 | 615  |
| Weight Kg | 120 | 150 | 200 | 120 | 150 | 200  |

#### MATERIALS

|              |              |
|--------------|--------------|
| Body         | Ductile Iron |
| Bonnet       | Ductile Iron |
| Seat         | Brass        |
| Shaft        | Brass (MS58) |
| Disc         | Ductile Iron |
| Disc Sealing | NBR          |