

## NMW-4B Cast Iron Reflux (Non-Return) Valve PN-1.6, Flanged Ends

### Description

- Design Standard IS: 5312/2004
- Flanged Ends to IS:1538
- Bolted Cover
- Self operative swing type design
- Renewable Disc
- It can be fitted vertically as well as horizontally

### Test Pressure

Body- 2.4 MPa

Seat- 1.6 MPa

### Certification

Works test certificate can be issued, if required.

**Application : Water, Oil**

**HSN : 84818010**



### Materials

| PNo. | Part           | Nos.    | Material              | Standard                                       |
|------|----------------|---------|-----------------------|--|
| 1    | Bolts          | To Suit | Carbon Steel          | IS:1363 Part 1 Class 4.6                       |
| 2    | Gasket         | 1       | Nitrile Rubber        | IS:638 Type B                                  |
| 3    | Nuts           | To Suit | Carbon Steel          | IS:1363 Part 3 Class 4.0                       |
| 4    | Hinge Pin      | 1       | S.S. 13% Cr.          | ASTM A182 Gr. F6a / AISI 410                   |
| 5    | Body Seat Ring | 1       | Bronze / S.S. 13% Cr. | IS:318 Gr. LTB2 / ASTM A182 Gr. F6a / AISI 410 |
| 6    | Washer         | 1       | Carbon Steel          | IS:226   |
| 7    | Bolt           | 1       | Carbon Steel          | IS:1363 Part 1 Class 4.6                       |
| 8    | Disc Facing    | 1       | Nitrile Rubber        | IS:638 Type B                                  |
| 9    | Cover          | 1       | Cast Iron             | IS:210 Gr. FG200                               |
| 10   | Body           | 1       | Cast Iron             | IS:210 Gr. FG200                               |
| 11   | Hinge          | 1       | Cast Iron             | IS:210 Gr. FG200                               |
| 12   | Washer         | 1       | Carbon Steel          | IS:226   |
| 13   | Bolt           | 1       | Carbon Steel          | IS:1363 Part 1 Class 4.6                       |
| 14   | Disc           | 1       | Cast Iron             | IS:210 Gr. FG200                               |

### Dimensions

| Nominal Size (Inches) | Nominal Size (mm) | A ±2 | D ±1 | T (Min.) |
|-----------------------|-------------------|------|------|----------|
| 2                     | 50                | 203  | 165  | 16       |
| 2.1/2                 | 65                | 216  | 185  | 16       |
| 3                     | 80                | 241  | 200  | 21       |
| 4                     | 100               | 292  | 220  | 22       |
| 5                     | 125               | 330  | 250  | 22.5     |
| 6                     | 150               | 356  | 285  | 23       |
| 8                     | 200               | 495  | 340  | 24.5     |
| 10                    | 250               | 622  | 395  | 26       |
| 12                    | 300               | 698  | 445  | 27.5     |

