

NMW-3A Cast Iron Sluice Valve (Brass Working Parts) PN-1.6

Description

- Design Standard conforming to IS:14846
- Flanged Ends to IS:1538
- Bolted bonnet, Outside Screw, With renewable Brass working parts and non-rising stainless steel stem
- Thrust plate design is provided upto 150mm size.
- Ample depth of stuffing box is provided for re-gland packing under pressure.
- Streamlined full flow area is provided in the body to minimize pressure drop
- Application :
 - Fertilisers, Paper & Pulp
 - Water / Effluent / Sewage treatment plants
 - HVAC & Firefighting
 - Power & Energy, Oil & Gas



Test Pressure

Shell : 2.4 MPa

Seat : 1.6 MPa

Certification

Works Test Certificate can be issued, if required.

Application : Water

HSN : 84818010

Materials

| PNo. | Part | Nos. | Material | Standard |
|------|------------------------|---------|--------------|------------------------------|
| 1 | Handwheel Bolt | 1 | M.S. | IS:1367 |
| 2 | Washer | 1 | M.S. | IS:226 |
| 3 | Handwheel | 1 | Cast Iron | IS:210 Gr.FG200 |
| 4 | Stem | 1 | S.S. 13% Cr. | ASTM A182 Gr. F6a / AISI-410 |
| 5 | Gland Flange | 1 | Cast Iron | IS:210 Gr.FG200 |
| 6 | Gland Packing | - | Asbestos | IS:4687 |
| 7 | Thrust Plate | 1 | Cast Iron | IS:210 Gr.FG200 |
| 8 | Bonnet | 1 | Cast Iron | IS:210 Gr.FG200 |
| 9 | Body Bonnet Studs Nuts | To Suit | M.S. | IS:1367 |
| 10 | Gasket | 1 | Rubber | IS:638 Type B |
| 11 | Body | 1 | Cast Iron | IS:210 Gr.FG200 |
| 12 | Stem Nut | 1 | Brass | IS:6912 Gr.FLB |
| 13 | Body Seat Ring | 2 | Brass | IS:6912 Gr.FLB |
| 14 | Wedge Facing Ring | 2 | Brass | IS:6912 Gr.FLB |
| 15 | Wedge | 1 | Cast Iron | IS:210 Gr.FG200 |
| 16 | Gland Nut | 2 | M.S. | IS:1367 |
| 17 | Gland Bolt | 2 | M.S. | IS:1367 |

Dimensions

| Nominal Size (Inches) | Nominal Size (mm) | A | B | H | W |
|-----------------------|-------------------|-----|-----|-----|-----|
| 2 | 50 | 178 | 50 | 368 | 280 |
| 2.1/2 | 65 | 190 | 65 | 392 | 280 |
| 3 | 80 | 203 | 80 | 423 | 280 |
| 4 | 100 | 229 | 100 | 468 | 360 |
| 5 | 125 | 254 | 125 | 542 | 360 |
| 6 | 150 | 267 | 150 | 590 | 360 |



| Nominal Size (Inches) | Nominal Size (mm) | A | B | H | W |
|-----------------------|-------------------|-----|-----|-----|-----|
| 8 | 200 | 292 | 200 | 730 | 450 |
| 10 | 250 | 330 | 250 | 835 | 640 |
| 12 | 300 | 356 | 300 | 912 | 640 |

