



PRESSURE BRAND CAST IRON SLUICE VALVE IS 14846 FLANGED

INTRODUCTION

Pressure Cast Iron Sluice Valve (Non-Rising Spindle) are best Suited for Services that require infrequent valve operation and where the wedge is kept either fully opened or fully closed. it offers the ultimate In dependable service wherever minimum pressure drop is important.

SALIENT FEATURES

- Design Standard IS 14846
- Bolted Bonnet, Inside Screw, Non-Rising Stem.
- Solid Wedge, Metal to Metal Seating
- Gun metal body & Wedge rings. Stainless Steel Stem.
- Flanged ends as per IS 1538 (FF)
- Compact and Rigid Structure
- Provided Full Flow with Minimum Pressure Drop
- Small Operation and Closing Torque
- Using Non Asbestos Packing, Reliable, Sealing, Light & Flexible Operation
- Robust Construction of Hand Wheel in Open Spoke Design
- Provision for Re-Packing Under Pressure in the Installed Condition.
- Easy Visual Control of Open / Closed Position Marked on the Hand Wheel
- Operation Mode Manual, Gear, Electric, Pneumatic
- Available with Open-Shut Indicator & Locking Arrangement on Request
- Widly used in water Distribution, Power Plants and Pipeline for Access for cut of the Medium Pipeline Opening & Closing Devices.

SUITABLE FOR

Water



END CONNECTION

- Flanged as per IS 1538 (FF)
- Flanged drilling as per Others Standards also available Upon Request.

UTILISATION & SERVICE

- Pressure cast Iron Sluice valves are suitable for above-ground Installations.
- Best suited for potable water, Treated fresh water, natural liquids and some gases.

WORKING PRESSURE

- Maximum Working Pressure (PN 10) 10 Bar,
- Maximum Working Pressure (PN 16) 16 Bar,

TEMPERATURE LIMITS

- Maximum Working Temperature : 45°C

Reg. Office :9, Amar Asha Society, Nr. Ramvadi Bus Stop, Isanpur, Ahmedabad-382443. Gujarat, India. Ph. : +91 7490034801, 9824334801
Factory & Correspondence Address : 16, Ambica Industrial Estate, Nr. Vatva Railway Over Bridge, Vatva, Ahmedabad-382440, Gujarat, India.
Ph. : +91 8320479614, 6354226326 E-mail : info@pressurevalves.in, marketing@pressurevalves.in Web : www.pressurevalves.in



PRESSURE BRAND CAST IRON SLUICE VALVE IS 14846 FLANGED

PRESSURE RATING	PN-1.0	PN-1.6
TESTING STANDARD	IS 14846	IS 14846
SIZE RANGE	50mm to 600mm	50mm to 600mm
PRODUCT STANDARD	IS 14846	IS 14846

SUITABLE FOR

WATER	OIL	AIR
✓	✓	✓

TEST PRESSURE (HYDROSTATIC)

RATING	PN-1.0	PN-1.6
BODY (HYD)	1.5 Mpa	2.4 Mpa
SEAT (HYD)	1.0 Mpa.	1.6 Mpa.

Reg. Office : 9, Amar Asha Society, Nr. Ramvadi Bus Stop, Isanpur, Ahmedabad-382443. Gujarat, India. **Ph. :** +91 7490034801, 9824334801
Factory & Correspondence Address : 16, Ambica Industrial Estate, Nr. Vatva Railway Over Bridge, Vatva, Ahmedabad-382440, Gujarat, India.
Ph. : +91 8320479614, 6354226326 **E-mail :** info@pressurevalves.in, marketing@pressurevalves.in **Web :** www.pressurevalves.in

Approved by
NSIC
एन एस आई सी



IBR
Approved

MANUFACTURER OF INDUSTRIAL VALVES AND GEARS



PRESSURE BRAND CAST IRON SLUICE VALVE IS 14846 FLANGED

MATERIAL SPECIFICATION

SR. NO.	NAME OF PART	MATERIAL
1	BODY	CAST IRON (IS 210 Gr. FG 200)
2	BODY RING	GUN METAL (IS 318 Gr. LTB 2)
3	WEDGE	CAST IRON (IS 210 Gr. FG 200)
4	WEDGE RING	GUN METAL (IS 318 Gr. LTB 2)
5	WEDGE NUT	GUN METAL (IS 318 Gr. LTB 2)
6	BOLT AND NUTS	CARBON STEEL (IS 1363 CLASS 4 & 4.6)
7	GASKET	RUBBER GASKET (IS 638 TYPE B)
8	STEM	S.S. (IS 6603) / BRASS (IS 6912 Gr. FHTB1)
9	BONNET	CAST IRON (IS 210 Gr. FG 200)
10	BOLTS AND NUTS	CARBON STEEL (IS 1363 CLASS 4 & 4.6)
11	GASKET	RUBBER GASKET (IS 638 TYPE B)
12	STUFFING BOX	CAST IRON (IS 210 Gr. FG 200)
13	PACKING	HEMP & JUTE (IS 5414)
14	GLAND	CAST IRON (IS 210 Gr. FG 200)
15	T-BOLTS AND NUTS	CARBON STEEL (IS 1363 CLASS 4 & 4.6)
16	HAND WHEEL	CAST IRON (IS 210 Gr. FG 200)
17	WASHER	CARBON STEEL
18	SCREW FOR HAND WHEEL	CARBON STEEL
19	THRUST PLATE	CAST IRON (IS 210 Gr. FG 200)

Note : The Above Data Is Subject To Change Without Notice Due To Our Continuing Product Improvement Programme.

Reg. Office : 9, Amar Asha Society, Nr. Ramvadi Bus Stop, Isanpur, Ahmedabad-382443. Gujarat, India. **Ph. :** +91 7490034801, 9824334801
Factory & Correspondence Address : 16, Ambica Industrial Estate, Nr. Vatva Railway Over Bridge, Vatva, Ahmedabad-382440, Gujarat, India.
Ph. : +91 8320479614, 6354226326 **E-mail :** info@pressurevalves.in, marketing@pressurevalves.in **Web :** www.pressurevalves.in

Approved by



MANUFACTURER OF INDUSTRIAL VALVES AND GEARS