



DURGA VALVES PVT LTD

Ichapur Road Canal Side, Howrah.

TECHNICAL DATA OF NON RETURN VALVE

Fluid to be Handle	: Raw /Clear Water
Pressure Rating	: PN-1.6 Rating.
Design Temperature	: 45 Deg. C.
Design Std.	: IS:5312 (Part-I)/84
Type of Disc	: Single Disc (Swing Type).
Closure characteristic	: Non-Slamming.
Seating Faces	: Metal to Metal
End Connection	: IS: 1538/93 (Table-4 & 6), Flat Face
Operation	: Self.
Installation	: Horizontal
Bye Pass arrangement	: Optional

Material of Construction

Body, Cover	: Ductile Iron GGG 40
Disc with Hinge	: Ductile Iron GGG 40
Body Seat Ring.	: L.T.B to IS: 318 Gr. 2.
Disc Face Ring	: L.T.B to IS: 318 Gr. 2
Hinge Pin	: H.T.B to IS: 320 Gr. HT-2.
Air Release Plug	: Carbon Steel (Glved.)
Plug / Retainer	: Carbon Steel (Glved.)
Gasket	: Rubber IS: 638, Type - B.
Bolts/ Studs & Nuts	: Carbon Steel IS: 1367/67 Cl.4.6 & 4.0

Testing

Testing Standard :	IS:5312 (Part-I)/84
Hydro Body :	24Kg/Sq.Cm.
Hydro Seat :	16Kg/Sq.Cm.

Inspection

Hydro Test :	Witness & Test Report
Visual :	Witness & Test Report
Material Test :	Test Report

Quantity

Note

Size (NB)	Qty.	Location	1. Valves shall have free acting, quick opening non-slam closure characteristics. 2. Reinforcing ribs are provided on body, cover & disc. 3. Flow direction mark shall be Cast Integrally on the body to indicate the Direction of flow. 4. Valves shall be painted with one coat of Red oxide primer & Two coats of Black Japan paints conforming to type-B of IS:341. 5. Marking: Brand/Size/PN-Rating/Heat No. & Arrow mark Sl. No.

PREPARED BY

SHEET 1 OF 1

DOC. No.
DS-NRV-IS-5312 part -1

REV

DATE
28/07/2010