

VALVES & COCKS



ISI MARKED & NON ISI

Gate Valves

Material : Rising & Non Rising Steam

: BS:5154, IS:778 **Product Standard**

Material : Gun Metal/Bronze (BS:140LG2) Pressure / Class : PN-10, PN-16, PN-20, CL-1, Cl-2 : 1/4* (8MM) to 6" (150MM) Size Range

End Details : Screwed Female ends BS:21-Parallel/Taper

NPT to an SI B1.20.1

Flanged ends to BS:10 Tablet-D, F, H, IS:778

Globe Valves

: Gun Metal/Bronze (BS 1400 LG2) Material

Product Standard : BS:5154, IS:778

Pressure / Class : PN-10, PN-16, PN-20, CL-1, Cl-2 Size Range : 1/4* (8MM) to 6" (150MM)

End Details : Screwed Female ends to BS:21-Parallel/Taper

& NPT to an SI B1.20.1

Flanged ends to BS:10 Tablet-D, F, H, IS:778

Check Valves: Horizontal, Water & Slam Type

Material : Gun Metal/Bronze (BS:1400 Lg2)

> Cast Iron (BS:1452 Gr. 220) S.G. Iron (ASTM A536-1980)

Product Standard : BS:5154, IS:778 Pressure / Class : PN-10, PN-16, PN-20 : ½* (15MM) to 4" (100MM) Size Range

: Screwed Female ends to BS:21-Parallel/Taper **End Details**

NPT to an SI B1.20.1

Flanged ends to BS:10 Tablet-D, F, H, IS:778

Ball Valves : Two Piece & Three Piece Design

Material : Gun Metal/Bronze (BS:1400 LG2)

> Cast Iron (BS:1452 Gr. 220) S.G. Iron (ASTM A536-1980) Cast Steel (ASTM A536-1980) Stainless Steel-(CF8 & CF 8M)

Product Standard : BS:5351

: PN-16, CL-125, CL-150 Pressure / Class : 1/2* (15MM) to 4" (100MM) Size Range

End Details : Screwed Female ends to BS:21-Parallel/Taper

NPT to an SI B1.20.1. Flanged ends to BS:10

Tablet-D, E, F, ASA-Class-150

Butterfly Valves

Material : Cast Iron (BS:1452 Gr. 220)

> S.G. Iron (ASTM A536-1980) Cast Steel (ASTM A216 Gr. WCB)

Product Standard : BS:5155 IS:13095

End Details

: Water Type with & without Lugs for Insertion

between PN 10/ PN 16 / CL 150, BS:10 Table

D/E/F Flanges.

Note : Special Liners & Material of Seat also

available as per Customer demand











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Pressure Reducing Valves

Material : Gun Metal / Bronze (BS:1400 LG2)

: 0.35 Bar to 6.0 Bar **Setting Range** Size Range : ½* (15MM) to 2" (50MM)

End Details : Screwed Female ends BS:21-Parallel

Foot Valves

Material : Gun Metal/Bronze (BS:1400 LG2)

Pressure / Class : PN-20

: ½* (15MM) to 4" (100MM) Size Range

End Details : Screwed Female ends to BS:21-Parallel

Fire Hydrant Valves

Material : Single Outlet Oblique Type with Standard

Instantaneous Female Coupling and Blank Cap

: (Hydraulic) Body Test Pressure: 300 Psig **Testing**

Test Pressure: 200 Psig

End Details : Flanged Inlet to BS:4504 PN 10

Breather Valves

: Gun Metal/Bronze (BS:1400 LG2) Material

Product Description: For Preventing Vapour Loss in Chemical

Process Industries etc.

Size Range : 1½* (40MM) to 2" (50MM)

End Details : Screwed Female ends to BS:21-Parallel

Moisture Control Cylinder

Material : Cast Iron (BS:1452 Gr. 220)

Product Description: Acrylic Cylinder with High Grade Silica Gel

: 1½* (40MM) to 2" (50MM) Size Range

End Details : Screwed Female ends to BS:21-Parallel

Vent Hood / Dip / Fill Caps

Material : Cast Iron (BS:1452 Gr. 220)

: 1½* (40MM) to 3" (80MM) Size Range

End Details : Screwed Female ends to BS:21-Parallel

Float Valve (Without Ball)

: Gun Metal/Bronze (BS:1400 LG2) Material

Size Range : ½* (15MM) to 2" (50MM)

End Details : Screwed Female ends to BS:21-Parallel

STEAM / INDUSTRIAL VALVES

Y-Type Strainers

: Gun Metal/Bronze (BS:1400 LG2) Material

Cast Iron (BS:1452 Gr. 220)

Pressure / Class : PN-10, PN-16

Size Range : ½* (15MM) to 4" (100MM)

: Screwed Female ends to BS:21-Parallel **End Details**

Check Valves: Vertical

: Gun Metal/Bronze (BS 1400 LG2) Pressure / Class : PN-10, PN-16, PN-20, PN-25 Size Range : ½* (8MM) to 6" (150MM)

End Details : Screwed Female ends to BS:21-Parallel/Taper

& NPT to an SI B1.20.1

Flanged ends to BS:10 Table F/H

Relief Valves

Material : Gun Metal/Bronze (BS:1400 LG2) : Open and Enclosed Discharge Type of Pattern : ½* (15MM) to 2" (50MM) Size Range

: 50 PSIG. to 15 PSIG **Setting Range**

End Details : Screwed Male Inlet to BS:21-Parallel & Screwed Female Outlet to BS:21Parallel

Level Gauges

Material : Gun Metal/Bronze (BS:1400 LG2)

: PN-10, PN-16 Pressure / Class

Type : Gland and Sleeve Packed : ½* (15MM) to ¾" (20MM) Size Range

: Screwed Male ends to BS:21-Parallel Flanged **End Details**

end to BS:10 Table H



Cast Iron Dual Plate Check Valves

Material : Flap type Double Disc, Spring loaded swing

type check valve

Pressure Rating : PN-25 (Hydraulic) up to Max. Temp 80°C

Body Seat Facing : Nitrile Moulded Liner Disc Seat Facing : S. G. I. Integral Seating : Body-400 psig, Seat-360 psig Testing (HYD.)

End Details : Suitable for Insertion between class-150,

BS-10 Table D/E, BS-4504, PN-10/16 Flanges



SG Iron Compact Wafer Type Check Valves

: Single Flap Disc, Swing Type check valve Material

Pressure / Class : PN-16 (Hydraulic) Body Seat Facing : Nitrile Moulded Liner

Testing (HYD.) : Body-500 psig, Seat-250 psig

End Details : Wafer Short ends with integrally moulded Rubber Gasket. Suitable for insertion Between

Class-150, Bs-10 Table 'D' & 'E', BS-4504,

PN-10/16 Flanges.



IBR CERTIFIED VALVES



Globe Valves

Material : Gun Metal / Bronze (BS:1400 LG2)

Cast Iron (BS:1452 Gr.220) S.G. Iron (ASTM A536-1980)

Cast Carbon Steel (ASTM A 216 Gr.WCB)

Forged Steel (ASTM A 105)

Pressure / Class : PN-10, PN-16, PN-20, PN-40, CL-150,

CL-300 & CL-800

Size Range : 1/2* (15MM) to 8" (200MM)

End Details : Screwed Female ends to BS:21Taper,

Flanges as per BS:10 Table-H, BS:5152,

BS:4504, CL-150 & CL-300



Y-Type Strainers

Material : Gun Metal / Bronze (BS:1400 LG2)

Cast Iron (BS:1452 Gr.220) S.G. Iron (ASTM A536-1983)

Cast Carbon Steel (ASTM A 216 Gr.WCB)

Pressure / Class : PN-10, PN-20, PN-25 Size Range : ½* (15MM) to 4" (100MM)

End Details : Screwed Female ends to BS:21Taper,

Flanges as per BS:10 Table-H/J, Class-150



Steam Traps

Material : Gun Metal / Bronze (BS:1400 LG2)

Cast Iron (BS:1452 Gr.220) Stainless Steel (CA40)

Type : Thermodynamic and Bucket Type

Size Range : Screwed Female ends to

BS:21Parellel/Taper



Safety Valves

Material : Gun Metal / Bronze (BS:1400 LG2)

Cast Iron (BS:1452 Gr.220)

Cast Carbon Steel (ASTM A 216 Gr. WCB)

Type : Open & Enclosed Type Setting Grange : Upto 250 Psig.

End Details : Screwed Male Inlet to BS:21 Parellent/Taper

Flanges as per BS:10 Table D/F/H $\,$



Sight Glass

 Material
 : Gun Metal / Bronze (BS:1400 Lg2)

 Size Range
 : ½* (15MM) to 2" (50MM)

End Details : Screwed Female ends to BS:21- Taper

IBR CERTIFIED VALVES

Stop Cum Non Return Valve (SDNR)

Material : Gun Metal / Bronze (BS:1400 LG2)

Cast Iron (BS:1452 Gr.220) S.G. Iron (ASTM A536-1980)

Cast Carbon Steel (ASTM A 216 Gr.WCB)

Pressure / Class : PN-10, PN-16, PN-20, PN-40 Size Range : ½* (15MM) to 8" (200MM)

End Details : Screwed Female ends BS:21- Taper

Flanges as per BS:5152, BS:4504 & BS:10

Table-H



Non Return Valve (Horizontal / Vertical)

Material : Gun Metal/Bronze (BS:1400 LG2)

Cast Iron (BS:1452 Gr. 220) S.G. Iron (ASTM A536-1980)

Cast carbon Steel (AS TM A 216 Gr. WCB

Forged Steel (ASTM A 105)

Pressure / Class : PN-10, PN-16, PN-20, PN-40 & CL-800

Size Range : ½* (15MM) to 8" (200MM)

End Details : Screwed Female ends to BS:21-Taper

Flanged as per BS:10 Tablet-H, BS:5152, BS:4504



Blow off Valve

Material : Gun Metal / Bronze (BS:1400 Lg2)

Cast Carbon Steel (ASTMA 216 Gr. WCB)

Operated : Rack and Pinion with key
Size Range : 1* (25MM) to 2" (50MM)
End Details : Flanges as per BS:10 Table-H/J



Fusible Plugs

Material : Gun Metal / Bronze (BS:1400 LG2)

Design : One Piece & Two Piece Design

Size Range : ½* (15MM) to 2" (50MM)

End Details : Screwed Male ends to BS:21- Taper

Note : Melting Temperature of Fusible Alloy-270°C

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Material : Cast Iron (BS:1452 Gr.220)

Cast Carbon Steel (ASTMA 216 Gr. WCB)

Pressure/Class

: PN 16 & PN 25

Rating

Size Range : 1* (25MM) to 3" (80MM)

End Details : Flanges as per BS:10 Table-F/J



