

# Cim Red 5

"FULL BORE BALL VALVE"



- ✓ CIM Red 5 Full Bore Ball Valve
- ✓ With Self Locking Nyloc Nut
- ✓ With Double "O" Ring of H-NBR Rubber

## CROSS SECTION

Nut	: Self locking Type
Handle	: Dacromet Rugged Steel with PVC Grip
Stem	: Machined from Drawn Brass Bar EN 12164 CW 614N
Cap	: Machined from Drawn Brass Bar EN 12164 CW 614N
Stem Gasket	: Double 'O' Ring of H-NBR.
Screwed Ends	: Hot Forged Brass EN 12165 CW 617N
Ball Gaskets	: P.T.F.E.
Ball	: Hot Forged Brass EN 12165 CW 617N

### Self Locking Nyloc Nuts

All Cim Valves have self Locking Nyloc Nuts. Cim does not use Check Nuts.

### Advantage

- ✦ Nut cannot get Loose & Fall off owing to repeat Operations.
- ✦ Never Loose the Hand Lever

### "O" Rings

Double 'O' Rings of H-NBR

### Advantage

- ✦ Double 'O' Rings mean Double Protection from Leakage. H - NBR rubber with stands Higher Temperature Range. Viton Rubber is Silicon free High Grade Rubber

### Arc Cut PTFE Seats

PTFE Ball Seats are cut to Precisely Match the Ball Profile.

### Advantage

- ✦ Maximum Ball & Seat Contact.
- ✦ Long Operating life.
- ✦ No Leakage.

### Expansion Clearance

Clearance space between Stem and ball Slot to Allow for Expansion due to High Outside Temperature and also Stem being Manufactured out of Rod and Ball being forged which have different Co-efficient of Expansion.

### Advantage

- ✦ Valve Stem will not break owing to expansion of Metals.

### Lead Content

Low Lead Content (Copper-Zinc-lead Alloy) within 2.2 % As per New Euro Norm EN 12165 CW 617 Norm.

### Advantage

- ✦ Compliance to latest International Standard for Plumbing Applications Din CW 617 norm.