

## Made in Italy

### A DIFFERENT COMPANY.

A worldwide leader in the production of brass components and valves for plumbing systems, heating and air conditioning and gas and water distribution networks.



ESTD  
1957

77  
COUNTRIES

SALE 50 MILLIONS  
EURO & INCREASING



An introduction to the Cimberio range of forged brass valve



**CIM RED 5 FULL BORE FORGED BRASS BALL VALVE**

**CIM RED 6/1 RED5 MODEL WITH BUTTERFLY HANDLE**

“CIM Red 5” ball valve, an EN 29000-ISO 9000 product.

**Body:** Forged Brass CW617N. **Ball :** Forged brass Hard Chrome Plated mirror smooth finish. **Seat :** PURE P.T.F.E Conical Arc Cut. **STEAM SEALS :** Double “O” Rings of H-NBR (Hydro Generated Nitrile Rubber) **Nut :** Nyloc self-locking. **ENDS :** BSP female.

**Pressure Rating :** Fluids 40Kg. **Temperature Rating :** Fluids -20°C to +140°C.



SIZE inch	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
SIZE mm	15 mm	20 mm	25 mm	32 mm	40 mm	50 mm
CIM RED 5 (₹)	344	481	791	1322	1914	2761
CIM RED 6/1 (₹)	344	481	791			

**CIM 14M FULL BORE FORGED BRASS BALL VALVE**

“CIM 14M” ball valve, an EN 29000-ISO 9000 product.

**Body :** Forged brass. **Ball :** Forged brass Hard Chrome Plated mirror smooth finish. **Seat :** Pure P.T.F.E. Conical Arc Cut. **STEM SEALS :** Pure P.T.F.E. **Nut :** Nyloc self-locking. **ENDS :** BSP female.

**Pressure Rating :** 58Kg. **Temperature Rating :** -20°C to +150°C.



SIZE inch	2-1/2"	3"	4"
SIZE mm	65 mm	80 mm	100 mm
CIM 14M (₹)	8520	12122	20486

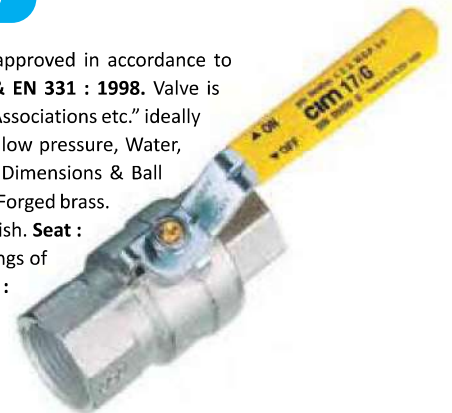
**CIM 11G MULTI-PURPOSE FORGED BRASS BALL VALVE, BRITISH GAS APPROVED**



(Certified By BG Technology)

“CIM 11G” ball valve, an EN 29000-ISO 9000 product. approved in accordance to **European Standards for Gas Appliances (90/306/EEC) & EN 331 : 1998.** Valve is certified by “The BG Technology”. “Calor & American Gas Associations etc.” ideally Suitable for distribution of LPG Natural & Town Gases at low pressure, Water, Saturated Steam, Compressed Air, Vacuum etc. “Sealing Dimensions & Ball Diameter allows a Blind Operation Angle of.  $\geq 100^\circ$ ” **Body :** Forged brass. **Ball :** Forged brass Hard Chrome Plated mirror smooth finish. **Seat :** Pure P.T.F.E. Conical Arc Cut. **Steam Seals :** Double “O” Rings of Viton Rubber (Silicon Free). **Nut :** Nyloc self-locking. **ENDS :** BPS female.

**Pressure Rating :** Fluids 32Kg. Saturated steam 9Kg **Compressed air** 20Kg **Gas** (Families 1,2 & 3) 20Kg **Temperature Rating :** Fluids -20°C to +150°C. **Gas** - 20°C to +60°C.



**CIM 17G MULTI-PURPOSE FORGED BRASS BALL VALVE**

SIZE inch	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
SIZE mm	6 mm	10 mm	15 mm	20 mm	25 mm	32 mm	40 mm	50 mm
CIM 11G (₹)	426	426	740	1059	1574	2225	3414	5072
CIM 17G (₹)			655	911	1258	1982	3144	4863





An introduction to the Cimberio range of forged brass valve

# Why CIM Ball Valve

## Our Unique Advantages

### 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

### Double 'O' Rings

Double 'O' rings of H-NBR/Viton rubber.



### Advantage

Double 'O' rings NBR mean double protection from leakage. H-nbr rubber withstands 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 because 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 - CW617 Norm.

### Advantage

Compliance to latest international standard for plumbing application DIN CW617 norm.

An introduction to the Cimberio range of forged brass valve



**CIM 30 FORGED BRASS NRV WITH SS SPRING & HOSTAFORM INTERNALS (PN 20)**

“**CIM 30**” check valve (NRV) Suitable for Vertical/ Horizontal or Oblique Pipelines, allows Flow in one direction only. **Main Features:** The spring loaded inner valve opens and lifts under pressure of 25 mbar (0.36 psi), very low pressure drop, prevents water hammer, compact design, noiseless operation, dent-proof Hostaform soft seating. Full flow area equal to nominal size. **Body:** Forged brass, **Spring:** Conical tempered spring in S.S. 316, **Inner Valve:** Hostaform, **Valve Face:** NBR rubber, **ENDS:** Screwed BSP female x female end.

**Test Pressure :** Shell 30Kg. Seat 22Kg. **Pressure Rating :** Fluids 20Kg. Saturated steam 7Kg  
**Temperature Rating :** Fluids -10°C to +95°C.

SIZE inch	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3	4"
SIZE mm	15 mm	20 mm	25 mm	32 mm	40 mm	50 mm	65 mm	80 mm	100 mm
CIM 30 (₹)	530	755	1134	1613	2411	3365	6544	8920	15361

**CIM 32 FORGED BRASS NRV CUM VACUUM BREAKER (PN-16)**

**CIM 32**” check valve (NRV) Suitable for Vertical/Horizontal of Oblique pipelines, allows Flow in one direction only. **Main Features :** Spring loaded inner valve opens & lifts under pressure of 10 mbar (0.14psi), very low pressure drop, prevents water hammer, compact design, noiseless operation, dent-proof POM (Polyoximethylene) soft seating. Full flow area is equal to nominal size. Compact male x female design, Requires very Little Space. **Body :** Forged brass, **Spring :** Conical tempered spring in S.S. 316 **Inner valve :** POM (Polyoximethylene), **Valve Face :** NBR rubber, **ENDS :** Screwed BSP female x female end.

**Test Pressure :** Shell 25Kg. Seat 18Kg. **Pressure Rating:** Fluids 16Kg. **Temperature Rating :** Fluids -10°C to +95°C.



SIZE inch	1/2"	3/4"	1"
SIZE mm	15 mm	20 mm	25 mm
CIM 32 (₹)	457	615	956

**CIM 23 THREE WAY DIRECTIONAL FORGED BRASS BALL VALVE**



“**CIM 23**” diverter 3-way valve ball valve, an EN 29000-ISO 9000 product. **Main Features :** T-port 3 way ball valve can be used to operate any of 2 Ports or even all the 3 ports at the same time. Bottom port remains always open. you can have one inlet & two outlets or vice-versa viz., two inlets & one outlet. Lever direction point the open port. **Body:** Forged brass **Ball :** Forged brass Hard Chrome Plated mirror smooth finish. **Seat :** Pure P.T.F.E. Conical Arc Cut. **Stem Seals :** Pure P.T.F.E. **Handle :** Duraluminium alloy. **Nut :** Nyloc self-locking. **Ends :** BPS female.

**Pressure Rating :** Fluids 20Kg. **Temperature Rating :** Fluids -10°C to +150°C.

SIZE inch	1/2"	3/4"	1"
SIZE mm	15 mm	20 mm	25 mm
CIM 23 (₹)	1540	2267	3399

**CIM 45 FORGED BRASS RIGHT ANGLE BALL VALVE**

“**CIM 45**” ball valve with male thread & knob handle, an EN 29000 ISO 9000, Product. Ideally suitable for applications where there is a constraint of space.

SIZE inch	1/2"
SIZE mm	15 mm
CIM 45 (₹)	599



## An introduction to the Cimberio range of forged brass valve

### CIM 620

### FORGED BRASS BALL VALVE WITH STRAINER. SS 316 (CF8M) MESH



"CIM 620" ball valve with inbuilt S.S. 316 strainer Excellent product for the use in FCU's and in applications where a strainer is required in the same line as the valve, it is lockable & / or seal-able in open & closed positions to prevent tampering. **BODY:** Forged brass, **BALL:** Forged brass Hard chrome plated mirror smooth finish, **SEAT:** Pure P.T.F.E. conical arc cut, **STEM SEALS:** Pure P.T.F.E., **STRAINER:** S.S. 316, **Handle:** Duraluminium alloy, BSP female threads. **NUT:** Nyloc self-locking, **ENDS:** BSP female

**Pressure Rating :** Fluids 50Kg.

**Temperature Rating :** Fluids -20°C to +150°C.

SIZE inch	1/2"	3/4"	1"
SIZE mm	15 mm	20 mm	25 mm
CIM 620 (₹)	1311	1754	2533

### CIM 74A

### BRONZE Y TYPE STRAINER

"CIM 74A" strainer is manufactured in accordance to BS 5154/B-PN 20 **Body :** Cast Bronze (BS1400-LG2), **Bonnet :** Hot Forged Brass (EN 12165 CW617N), **Strainer :** S.S.316 Screen, **Packing :** NA 1100 (Asbestos Free) Suitable to max temp of 450oC **ENDS :** BSP female **Perforations :** 18/8 with (0.65mm dia for size 2½") & (0.75-0.80mm dia for size 3" & 4").

**Test Pressure :** Shell 30Kg. (435psi)

**Pressure Rating :** Fluids 20Kg. Saturated steam 9Kg.

**Temperature Rating :** Fluids -10°C to +100°C. Saturated steam +180°C.



SIZE inch	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
SIZE mm	15 mm	20 mm	25 mm	32 mm	40 mm	50 mm	65 mm	80 mm	100 mm
CIM 74A (₹)	824	1104	1690	2535	3095	5427	10210	15493	29055

### CIM A14

### FORGED BRASS BALL VALVE WITH EXTENDED STEM



"CIM A14" can be used in a wide variety of sectors: heating, air conditioning, water, sanitary systems,

**Pressure Rating :** 58Kg. **Temperature Rating :** -20°C /150°C.

SIZE inch	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
SIZE mm	15 mm	20 mm	25 mm	32 mm	40 mm	50 mm
CIM A14 (₹)	659	896	1219	1979	2984	4479

### CIM 011

### FORGED BRASS MINI BALL VALVE

"CIM 011" mini ball valve Excellent product for compact applications like pressure gauges instrumentation lines, control panels & copper piping etc. **BODY:** Forged brass single piece, **BALL:** Forged brass Hard chrome plated mirror smooth finish. **SEAT:** Pure P.T.F.E. Conical arc cut, **STEM SEALS:** Double "O" rings, **Handle:** Nylon, **END :** BSP female threads.

**Pressure Rating :** Fluids 40Kg.

**Temperature Rating :** Fluids -15°C to +100°C.

SIZE inch	1/4"	3/8"	1/2"
SIZE mm	6 mm	10 mm	15 mm
CIM 011 (₹)	479	479	522



## An introduction to the Cimberio range of forged brass valve

### CIM 733/789 NC CIM MONOLINK VALVE ASSEMBLY FOR FCU

WITHOUT BALANCING VALVE, WITH 2 WAY ON OFF VALVE

Cimberio Monolink valve assembly incorporates an isolation valve with integral strainer, a drain point, an in built special by pass valve and on/off actuated valve. Thanks to the isolation valve fitted on the flow side, it is possible to clean and service the strainer without having to drain down the whole system. Only four connections are required and, because the connections are simple union joints, the whole assembly can be adjusted on site for maximum convenience and easy accessibility in the available space.



### MAIN FEATURES OF THE MONOLINK

- 100% manufactured in Italy.
- Nominal pressure PN 16.
- Working temperature: from -20°C up to 110°C.
- Factory preassembled and tested.
- Compact construction.
- Designed to provide flexible configuration of the system (use of either manual or automatic balancing valves).
- Easy installation.
- Minimal pressure drop.
- Full bore ball valve for easier flushing.

SIZE inch	1/2"	3/4"	1"
SIZE mm	15	20	25
CIM 733 (₹)	15455	15455	18500

### CIM 727 FORGED BRASS BALANCING VALVE



The Cimberio Commissioning set is a combined double regulating valve and separate flow measurement device, which provides high accuracy flow balancing, and measurement across all valve settings. The commissioning sets are suitable for both heating (LPHW) and cooling applications at working pressure up to 20 bar. Valve sizes between 15-50 mm are available as "CR" brass oblique pattern globe valves. The valves have been tested by BSRIA (Building Services Research and Information Association).

**Body :** Brass CC752S **Bonnet :** Hot Forged Brass En 12165 CW 602N **Stem :** Hot Forged Brass EN 12165 CW 602n **Disc Face :** EPDM **Shutter :** Hot Forged Brass EN 12165 CW 602N **O-ring :** HNBR **Index :** Hostaform **Circlip :** Bronze **1/10 Turn Index :** Hostaform **Turn Index :** Hostaform **Memory M12 :** Hot Forged Brass EN 12165 CW 602N **O-ring :** HNBR **Pin :** Steel **O-ring :** HNBR **Knob :** Nylon **Entrainer :** Hot Forged Brass EN 12165 CW 602N **Cap :** Hostaform **Elastic Ring :** AISI302

SIZE inch	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
SIZE mm	15 mm	20 mm	25 mm	32 mm	40 mm	50 mm
CIM 727 (₹)	2980	3636	4423	5255	7584	11520

# valve cim

where *Quality* matters...



**CIM RED 5  
Ball Valve**



**CIM A14  
Ball Valve with  
Extended Stem**



**CIM 45  
Right Angle  
Mini Ball Valve**



**CIM 11G  
Multipurpose  
Gas Ball Valve**



**CIM 620  
Ball Valve with  
Inbuilt Strainer**



**CIM 011  
Mini Ball Valve**



**CIM 727  
Double Regulating  
Balancing Valve**



**CIM 30  
Spring Loaded  
Uni Directional  
Non Return Valve (NRV)**



**CIM 32  
Spring Loaded  
Uni Directional  
Male Female Non  
Return Valve (NRV)**



**CIM 23  
Three way  
Directional  
Ball Valve**



**CIM 74A  
Bronze Strainer**