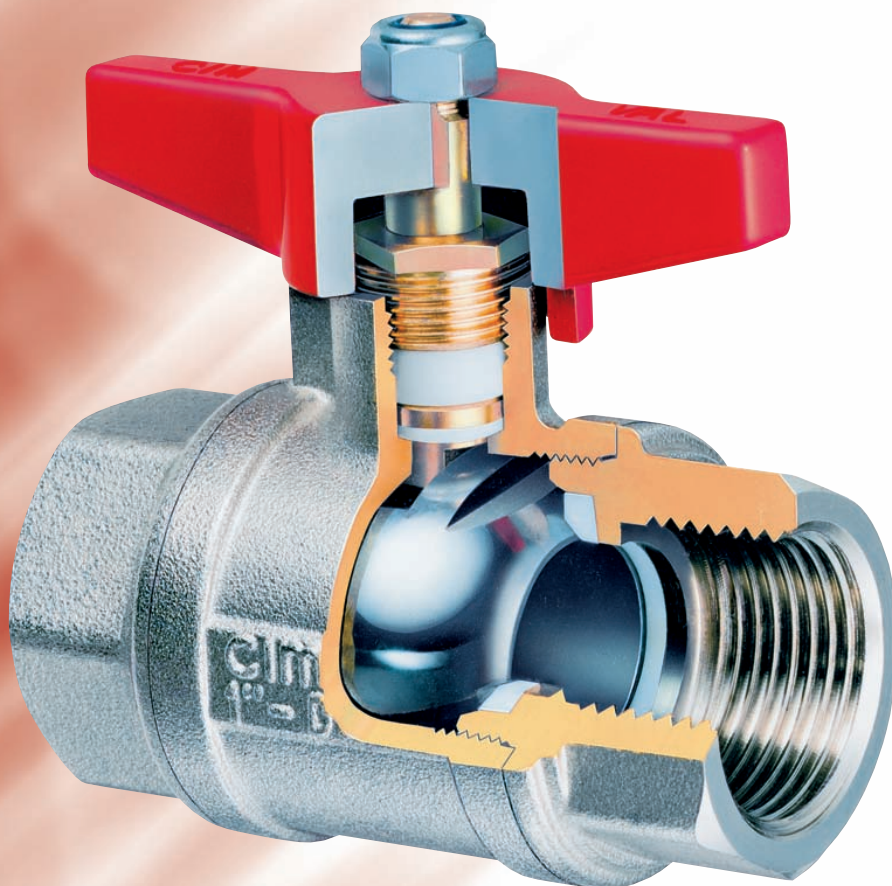
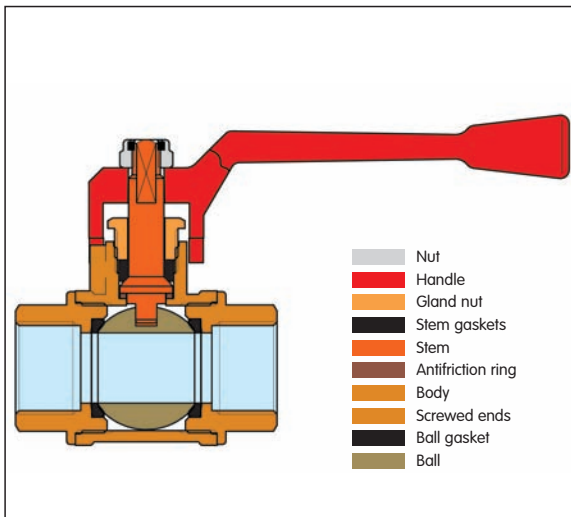


BALL VALVES



valve
cimberio[®]
technological solutions

Cimberio ball valves



Cimberio ball valves are designed and manufactured according to the Quality Management System EN ISO 9001:2000 and can be used for domestic and commercial plumbing, industrial applications, agricultural requirements and heating, sanitary, pneumatic systems, waterworks, oil pipelines, oil gasoline networks, saturated steam or high temperature, hot water services, condensate lines, oil and other hydrocarbons, generally every non aggressive fluid.

The ball valves are best for services that require frequent valve operation, and where the ball is kept either fully opened or closed, within the pressure/temperature ratings shown on the data sheets. The straight through design offers little resistance to flow and reduces pressure drop to a minimum.

The ball valves are not practical for throttling. Velocity of flow against a partly opened ball may cause deformation to seat gaskets, and possible blockage of the valve. Also, when throttled, the ball is subjected to severe wire-drawing erosive effects.

DN	Ø mm.	CM Operating torque in Nm.					CS Starting torque in Nm.					MT Stem breaking torque in Nm.					KV Pressure drop		
		CIM 10	CIM 12	CIM 14	CIM 16	CIM RED	CIM 10	CIM 12	CIM 14	CIM 16	CIM RED	CIM 10	CIM 12	CIM 14	CIM 16	CIM RED	CIM 10-12	CIM 14	CIM RED
1/4	10	1	1	1	1	-	2	2	2	2	-	10	10	10	10	-	8	8	-
3/8	10	1	1	1	1	-	2	2	2	2	-	10	10	10	10	-	10	10	-
1/2	15	3	3	3	1,5	1	6	6	6	3	2,5	20	10	10	24	24	17	17	15
3/4	20	4	5	5	2	1,5	10	10	10	4	5	45	24	24	24	24	41	41	37
1"	25	5	6	6	4	2,5	12	12	12	7	6	45	24	24	26	26	68	68	63
1 1/4"	32	8	7	7	5	3	17	14	14	10	10	93	45	45	26	26	123	123	108
1 1/2"	40	10	10	10	8	8	22	20	20	16	18	93	90	90	88	88	198	198	179
2"	50	13	13	13	11	11	26	26	26	20	20	93	90	90	88	88	290	290	256
2 1/2"	63	15	16	15	-	-	32	32	30	-	-	280	280	280	-	-	520	460	-
3"	76	17	20	19	-	-	36	40	38	-	-	280	280	280	-	-	850	748	-
4"	100	19	30	29	-	-	40	60	58	-	-	550	550	550	-	-	1350	1225	-

KV: FLOW RATE IN M³/H WITH A PRESSURE DROP OF 1 BAR - WITH WATER AT THE TEMPERATURE OF 15,5°C (59,9°F)

THREADING:

Series T10 - T12 - T12CR - T11 - T11CR - T16 - T16CR - T17 - T17CR

Female parallel threads to ISO 7/1-EN10226-Rp (Standard)

Female taper threads to ISO 7/1-EN10226-Rc (on request)

Series T14 - T14/M - Red5 - Red6

Female parallel threads to ISO 228/1G

Series T10NPT - T12NPT - T11NPT - T16.1NPT - T17.1NPT - T14NPT - T14MNPT - Red 5-6NPT

American NPT threads ANSI B1.20.1

BALLS:

All Cimberio balls are full bore, solid and linear type to avoid flow drop and turbulences. Mirror-like surface, micro-smooth finish, chrome plated.

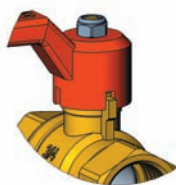
SAFETY HANDLE:

After extraction and 180° turn of handle, lever or butterfly type, it is possible to block the valve in the "open-closed" position.

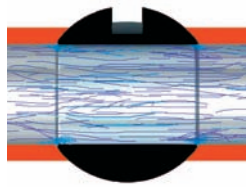
TIGHTNESS ANGLE:

The tightening seats dimensions and the ball diameter guarantee a Tightness angle ≥ 15 for series T10 and ≥ 10 for all other series.

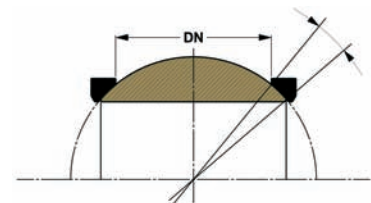
SEALING MATERIAL FOR THREADS: Anaerobic adhesive according to EN 751-1.



safety handle



ball



tightness angle

Cimberio ball valves

WORKING PRESSURES

- Series T10** sizes from 1/4 to 2" PN40,
sizes from 2 1/2" to 4" PN20.
- Series T12 - T16** sizes from 1/4 to 2" PN32,
sizes from 2 1/2" to 4" PN20.
- Series T14** sizes from 1/4 to 2" PN25,
sizes from 2 1/2" to 4" PN16.
- Series Red 5 - 6** sizes from 1/2 to 2" PN20.

WORKING TEMPERATURES

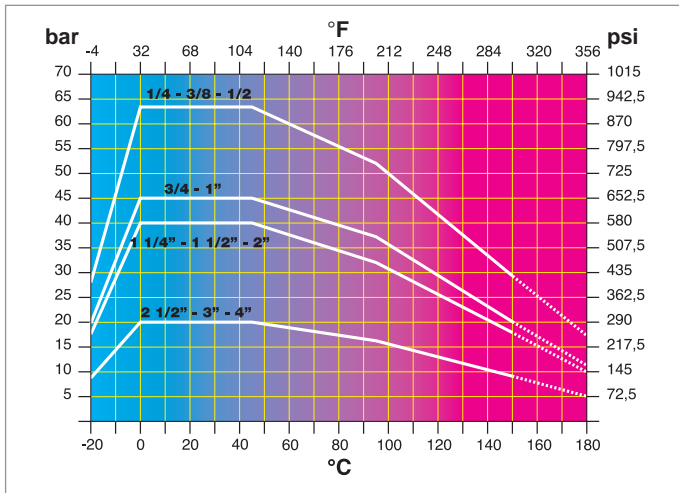
All series have a working limit between -20°C to 150°C, as stated in our certificates issued according to the 97/23/CE directive.

RESISTANCE

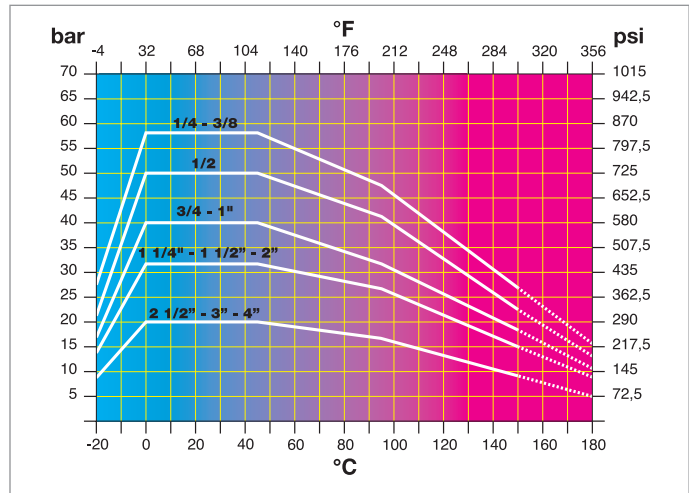
All series can withstand a pressure 5 times rated PN, as prescribed by UL American standard.

PRESSURE/TEMPERATURE RATINGS

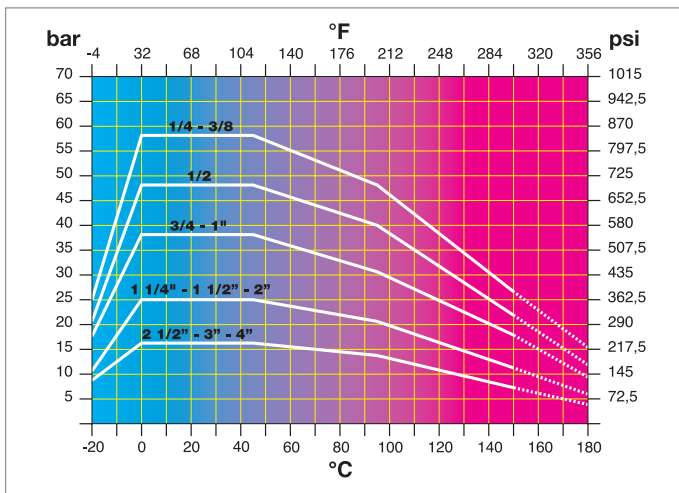
SERIES T10



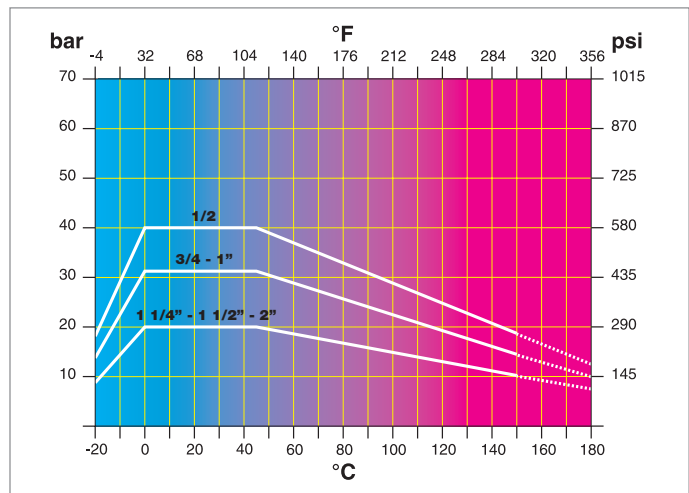
SERIES T12 - T16



SERIES T14

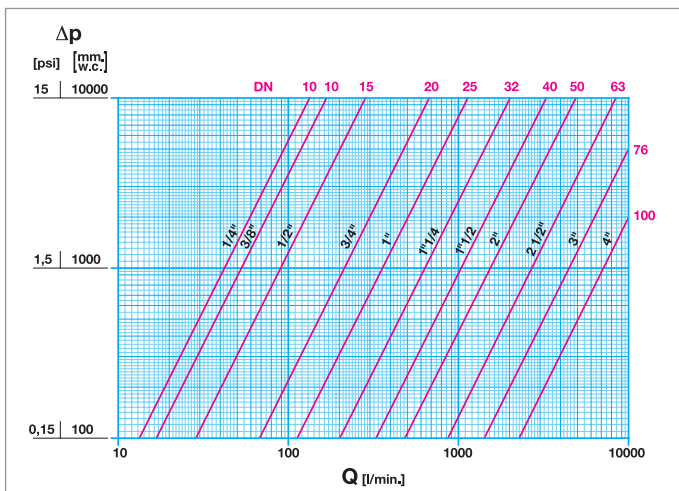


SERIES RED 5

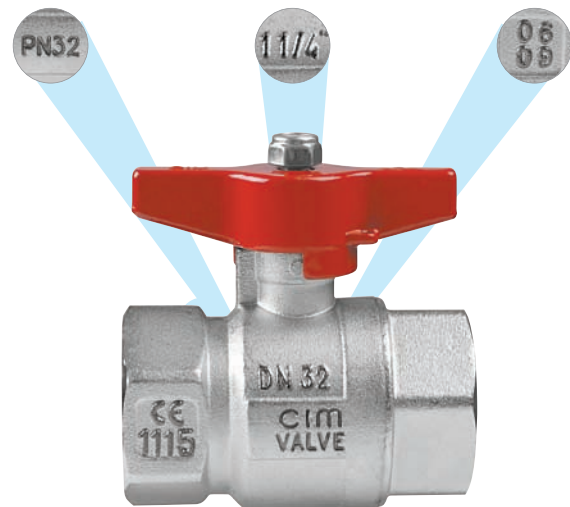


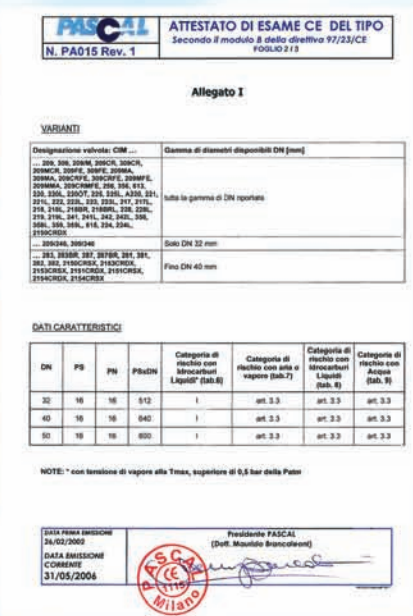
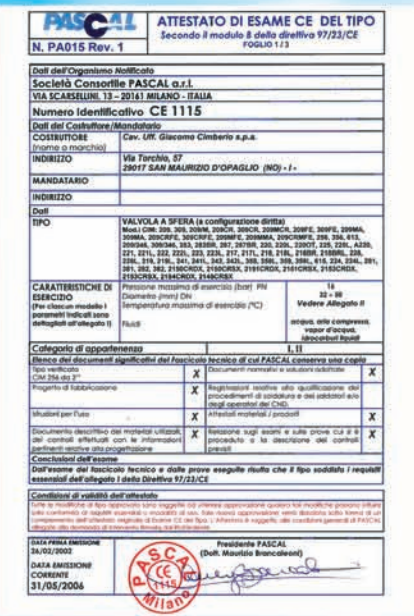
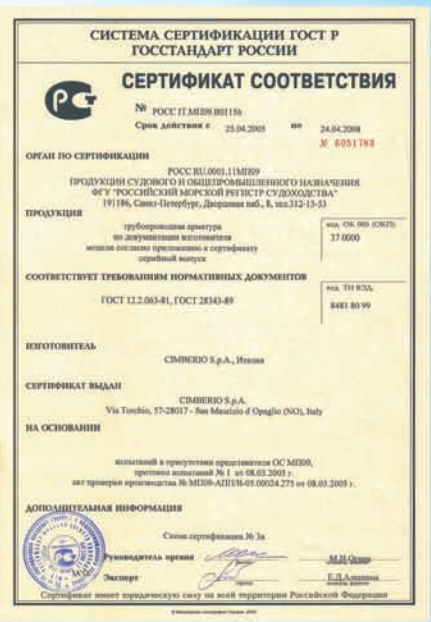
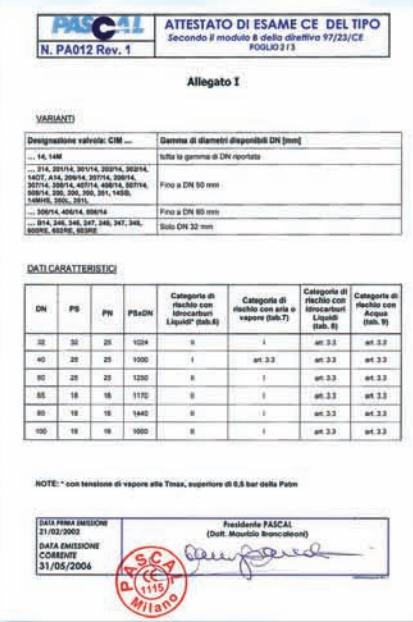
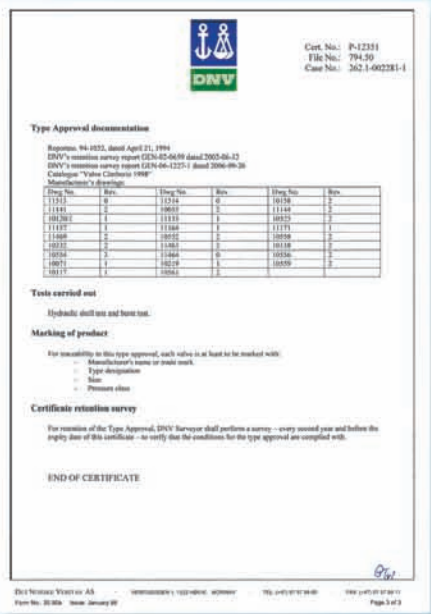
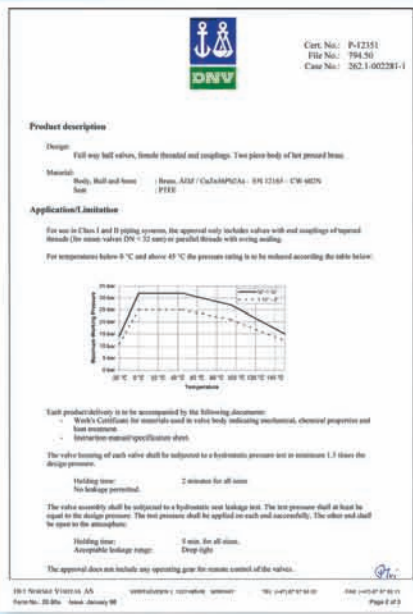
FLOW AND PRESSURE DROP

SERIE T10 - T12 - T16 - T14 - RED 5



MARKINGS





Ball valve without lead - "Pb 0%"

On demand we can supply with ball valves

- Made in brass alloy 430 PbF without lead "Pb 0%"
- Ball and stem in AISI 316 stainless steel.
- P.T.F.E. coated ball.

crecep

ATTESTATION DE CONFORMITE SANITAIRE
Conformément à l'arrêté du 29 Mars 1997 modifié et la circulaire du Ministère de la Santé - Direction Générale de la Santé DGSDSDTA 2002 97711 du 23 Novembre 2002.

Coordonnées du demandeur d'ACS:
CAV. UFF. GIACOMO CIMBERIO S.p.A.
Via Turichio, 57
20017 San Marcellino d'Ospaglio
Italie

Nom de l'accessoire représenté:
Robinet tournant sphérique à passage intégral Série T11 1"

N° de dossier attribué par le laboratoire:
08 ACC PA 008

Date de réalisation des essais d'insertion, le cas échéant:
-

Commentaires:
-

Famille d'accessoires couverts par l'ACS:
Robinet tournant sphérique à passage intégral Série T11
T11, T12, T14, T14N, T16, T17, 02D5, 204, 205, 206, 210, 220, 221, 222

Dimensions:
1/2", 3/8", 1/2", 5/8", 1", 1 1/8", 1 1/4", 1 1/2", 2", 2 1/2", 3", 4"

Commentaires:
-

Attestation délivrée par le Crecep à la date du:
28 Février 2008

Date d'expiration de l'ACS:
28 Février 2013

Signature:
François TRINCKOQUEL
Responsable du Laboratoire
Essais des Matériaux

Centre de recherche d'expertise et de contrôle des eaux de Paris
144 av. du Professeur Calvet - 75014 Paris - Tél: 01 40 84 30 70 - Fax: 01 40 84 30 78 - e-mail: crecep@crecep.fr
N° de reconnaissance Bureaux de 2 autorisations: numéro de la DSD 002 42 - S.I.S. Paris 0447 523 427
Laboratoire agréé par le Ministère de la Santé

crecep

ATTESTATION DE CONFORMITE SANITAIRE
Conformément à l'arrêté du 29 Mars 1997 modifié et la circulaire du Ministère de la Santé - Direction Générale de la Santé DGSDSDTA 2002 97711 du 23 Novembre 2002.

Coordonnées du demandeur d'ACS:
CAV. UFF. GIACOMO CIMBERIO S.p.A.
Via Turichio, 57
20017 San Marcellino d'Ospaglio
Italie

Nom de l'accessoire représenté:
Robinet tournant sphérique à passage intégral Série T11 1"

N° de dossier attribué par le laboratoire:
08 ACC PA 009

Date de réalisation des essais d'insertion, le cas échéant:
-

Commentaires:
-

Famille d'accessoires couverts par l'ACS:
Robinet tournant sphérique à passage intégral Série T11
T11

Dimensions:
1/2", 3/8", 1/2", 5/8", 1", 1 1/8", 1 1/4", 1 1/2", 2", 2 1/2", 3", 4"

Commentaires:
-

Attestation délivrée par le Crecep à la date du:
28 Février 2008

Date d'expiration de l'ACS:
28 Février 2013

Signature:
François TRINCKOQUEL
Responsable du Laboratoire
Essais des Matériaux

Centre de recherche d'expertise et de contrôle des eaux de Paris
144 av. du Professeur Calvet - 75014 Paris - Tél: 01 40 84 30 70 - Fax: 01 40 84 30 78 - e-mail: crecep@crecep.fr
N° de reconnaissance Bureaux de 2 autorisations: numéro de la DSD 002 42 - S.I.S. Paris 0447 523 427
Laboratoire agréé par le Ministère de la Santé

kiwa
Partner for progress

Certificate Number: A00008

Issue Date: 16th December 2002

CIM 11 series of lever operated spherical valves.
Comprising models: CIM 11, CIM 11 CR

This is to certify that the above range of products supplied by
SAV United Kingdom Ltd
has been tested and found to comply with the requirements of the Water Supply (Water Fittings) Regulations 1999 for England and Wales, the Water Byelaws 2000, Scotland and the Water Regulations Northern Ireland.

To comply with the Regulations and Byelaws all products require the correct installation. Details of the installation requirements may be obtained from the installation instructions supplied with the products.

Signature:
D. J. Hedges
Director
Kiwa Quality Services Ltd

Headquarters:
SAV United Kingdom Ltd
The Water Centre
111, Brookfield Close
Wood Millway
Chesham
Bucks HP80 1JH
UK
Tel: 0494 (0) 516000
Fax: 0494 (0) 2091111
E-mail: sav@kiwa.com

SITAC
Sveitsiska Institutet för Teknisk
Näringsutvärdering och Certifiering

2005-03-23 Projekt: T400374

TYPGODKÄNNANDEBEVIS 0922/99
Med bevis om tillverkningskontroll enligt IS-91 i lagen (1994:817) om tekniska egnenskapskrav på byggnadsverk, sm. 8:1.

SAKORD: TAPPVATTEN
Avstängnings- och reglerventiler
Avstängningsventiler, manuelle

CIM KULVENTIL

Innehavare: CIM Norge AS, Enebakkveien 117, N-0680 OSLO, tel: +47 22 67 20 05, fax: +47 22 67 20 25, hemsida: www.cimberio.com, org. nr: 960 417 184

Information: CIM Norge AS Eilat Sverige, Kommandörsgatan 11, S-237 32 BJÄRREDE, tel: +46 40 73 84 70, mobil: +46 0709 - 819 810, fax: +46 40 73 84 71, hemsida: www.cimberio.com, e-post: eilat@cimberio.se

Produkt: Avstängningsventiler av kalkfritt tillverkad av avstängningshög styrningskoppling. Ventilen tillverkas med klämslagkoppling.

Avsedd användning: Avstängningsventiler för kallt och varmt tappvatten.

Händelse: CIM 209CR, CIM 209MCR, CIM 209CRFE, CIM 209CRME, CIM 309CR, CIM 309CRFE, CIM 613CR, CIM 543CR, CIM 546CR, CIM 549CR, CIM 553CR.

Godkännande: Produkterna uppfyller kraven i 7 § 3 BYG. I de avsnitten som nämns i bestämmelsen som anges i detta bevis och godkänns därför enligt bestämmelsen i 10-jämför avsnitt 1 i Byggnadsverket (BRB).

Tillståndande handlingar: Tappvatten, allmänna Material, tillräckligt m.m. 6.611, 1a och 3a stycket 6.615, 1a mening och 3a stycket

Kontroll: Inspektionskontroll skall utföras enligt kontrollföreläggning daterad 2000-02-28 och övervakas av ett oberoende tredjeparts organ NTH. Vid byggherrens kontroll på byggherrens skick, ges en identifiering med hjälp av märkning, tillsett av den produkt leverantör och att de avsedda enligt bestämmelserna ges i godkännande och tillståndande handlingar. Däremot skall kontrolleras att produkt är tillverkad av en tillverkar/producent, som tillämpar en tillverkningskontroll i enlighet med de handlingar som ligger till grund för detta bevis.

SITAC
Sveitsiska Institutet för Teknisk
Näringsutvärdering och Certifiering

2005-03-23 Tg-bevis nr 0922/99

Importör: Importkontrollen omfattar: CIM Norge AS, N-0680 OSLO

Tillverkare: Cimberio, Italien

Märkning: Ventilen är märkt med CIM VALVE, CR samt dimension. Varje förpackning är märkt med:
Tillverkarens namn och tillverkningsort
Beverkets inregistrerade varumärke
SITAC:s ackrediteringsnummer
Produktens typbeteckning
Typgodkännandebesvisets nummer
Beställningsnummer

Redovisningsunderlag: Prövningsrapport nr 270-0-0487 från Dansk Teknologisk Institut. Prövningsrapport nr 0460-892, 04670-058 och 04670-116 från Norges Byggforskningssenter. Ritningar enligt ritningsförteckning, daterad 2000-02-29.

Kommentar: Ventilen har godkänts i enlighet med NKD Produktregler nr 13 "Avstängningsventiler", dat. oktober 1989 och NKD Produktregler nr 12 "Mekaniska kopplingar av metall för koppling av tappanordningar", dat. oktober 1989.

Ölghetsgräns: Detta bevis omfattar tilläggs bevis med samma nummer daterad 2000-03-27 och 03-28-0922/99.

Giltighetstid: Godkännandet gäller i o.m. 2010-03-23.

En typgodkännande upphör förenligt att gälla efter övergivningen av den tekniska specifikationen som produktens tekniska specifikation. Den tekniska bestämmelsen att produktens uppfyller Beverkets regler bevis inte av.

Signature:
Ronald Green
John Åkesson

kiwa
Partner for progress

UK APPROVAL
Certificate Number: A00008

Issue Date: 16th December 2002
Expiry Date: 16th December 2007

CIM 12 series of lever operated spherical valves.
Comprising models: CIM 12 - 1/4 inch to 4 inch, CIM 12CR, CIM 501/CR, CIM 201/12, CIM 201/12/CR, CIM 202/12, CIM 206, CIM 612, CIM 612CR - 1/4 inch to 2 inch, CIM 553/CR - 1/4 inch to 1/2 inch, CIM 226, CIM 230, CIM 236, CIM 239, CIM 23, CIM 630, CIM 631 - 1/4 inch to 1 inch, CIM 209, CIM 209CR, CIM 613, CIM 545/CR - 1/2 inch to 3/4 inch, CIM 624, CIM 333, CIM 622, CIM 628 - 1/2 inch, CIM 623, CIM 628 - 1/2 inch to 20mm; CIM 333, CIM 351, CIM 552 - 1/2 inch to 2 inch, CIM 559 - 1/2 inch to 3/4 inch; CIM 220, CIM 221, CIM 222, CIM 223, CIM 224, CIM 225, CIM 226 - 1/2 inch to 20mm; CIM 208, CIM 204/BR - 3/4 inch; CIM 209, CIM 290 - 1/4 inch; CIM 207, CIM 208, CIM 210BR - 1/2 inch to 20mm; CIM 210 - 1/4 inch to 1 inch, CIM 214 1/2", 1"

This is to certify that the above range of products supplied by
Giacomo Cimberio s.p.a.
has been tested and found to comply with the requirements of the Water Supply (Water Fittings) Regulations 1999 for England and Wales, the Water Byelaws 2000, Scotland and the Water Regulations Northern Ireland.

To comply with the Regulations and Byelaws all products require the correct installation. Details of the installation requirements may be obtained from the installation instructions supplied with the products.

Signature:
John Åkesson
Authorized Signatory
Kiwa Quality Services Ltd

Headquarters:
Giacomo Cimberio s.p.a.
Via Turichio, 57
20017 San Marcellino d'Ospaglio
Italy
Tel: 0039 02 9222 0000
Fax: 0039 02 9222 0000
E-mail: sav@kiwa.com

Ball valves cim series T10 - T12 - T12 CR - T14

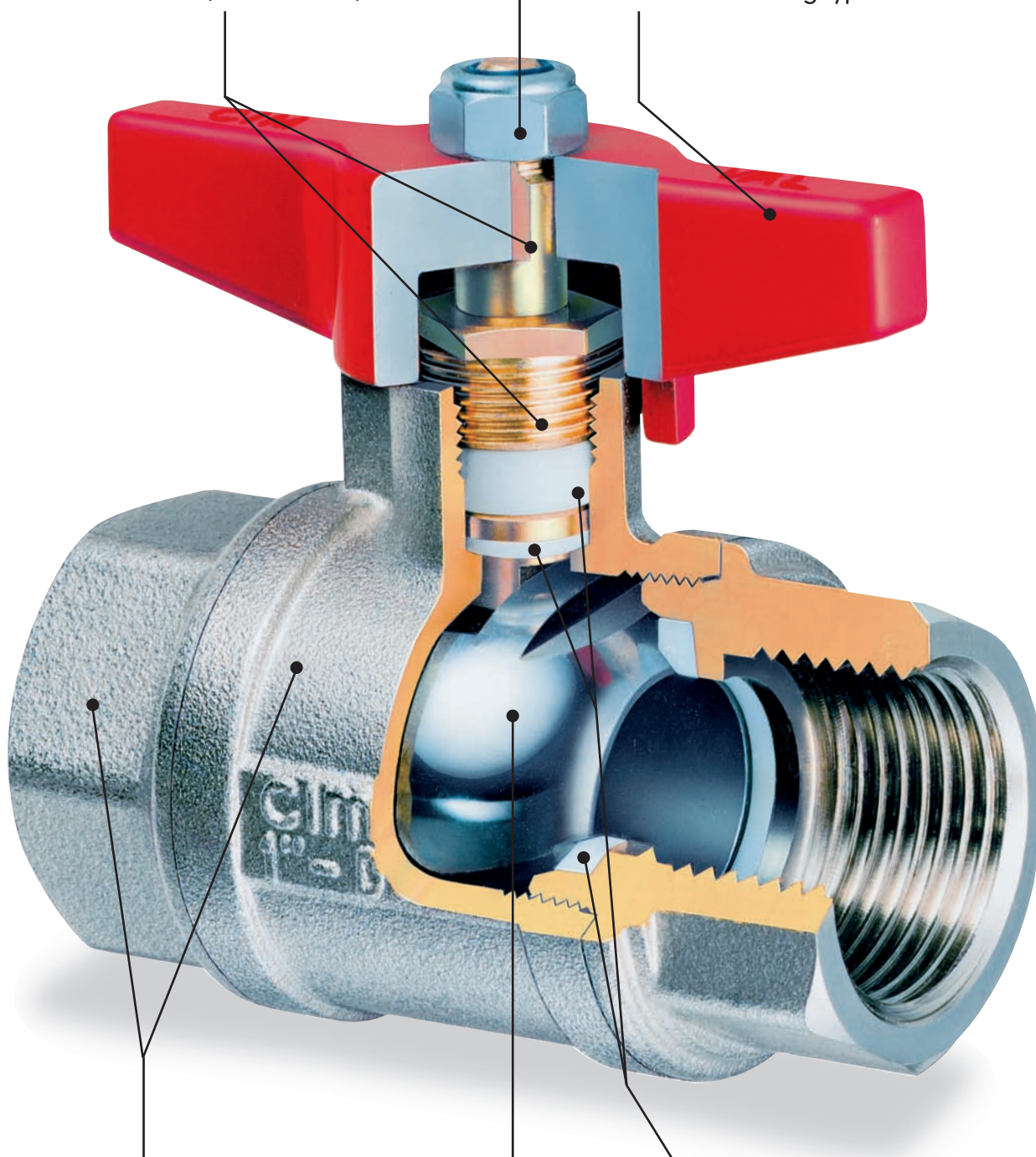
Stem - Cap:

Turned from brass bar:
- EN 12164 CW 617 N (DIN 50330-6)

Handle: Aluminium alloy EN AB 46100,

epoxy painted

Nut: Self locking type



Body - Screwed ends:

Hot pressed brass bar:
- EN 12165 CW 617 N (DIN 50930-6)
- EN 12165 CW 602 N ("**CR**" series)

Ball - Stem gaskets:

Conical rings in pure P.T.F.E.,
hardness 50÷60 Shore D

Ball: Hot pressed from brass bar

- EN 12165 CW 617 N (DIN 50930-6)

Mirror-like surface, micro-smooth finish, chrome plated.

Chemical composition - Brass alloy to EN12164-12165 CW617 N-DIN 50930-6 - CW 602 N "CR"

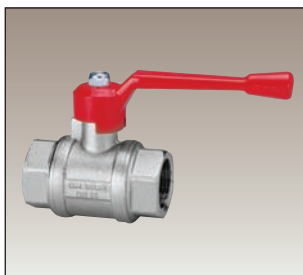
CW	Cu %	Pb %	Sn %	Ni %	Fe %	Al %	As %	Mn %	Others %	Zn %
617 N	57-59	1,6-2,2	Max. 0,3	Max. 0,2	Max. 0,3	Max. 0,8	Max. 0,1	Max. 0,1	Max. 0,25	Rem.
602 N	61-63	1,7-2,8	Max. 0,1	Max. 0,3	Max. 0,1	Max. 0,05	0,02-0,15	Max. 0,1	Max. 0,2	Rem.



cim 10

FULLWAY BALL VALVE - T10 SERIES - PN 40

cim 310



DN	1/4	3/8	1/2	3/4	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
Box Cim 10	50	50	25	16	12	6	5	3	2	1	1
Cart. Cim 10	100	100	100	64	48	24	20	12	4	2	2
Box Cim 310	50	50	35	20	15	10	6	3			
Cart. Cim 310	100	100	140	80	60	40	24	12			

cim 12

FULLWAY BALL VALVE - T12 SERIES - PN 32

cim 312



DN	1/4	3/8	1/2	3/4	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
Box Cim 11-12	50	50	40	25	16	10	6	4	2	2	2
Cart. Cim 11-12	200	200	160	100	64	40	24	16			
Box Cim 312	50	50	50	30	20	12	7	4			
Cart. Cim 312	200	200	200	120	80	48	28	16			



cim 12 CR

FULLWAY BALL VALVE - IN DZR BRASS "CR" ALLOY - T12 SERIES - PN 32

cim 312 CR



DN	1/4	3/8	1/2	3/4	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
Box Cim 11-12 CR	50	50	40	25	16	10	6	4			
Cart. Cim 11-12 CR	200	200	160	100	64	40	24	16			
Box Cim 312 CR	50	50	50	30	20	12	7	4			
Cart. Cim 312 CR	200	200	200	120	80	48	28	16			



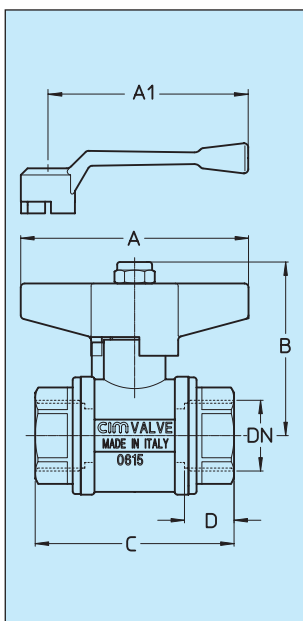
cim 14

FULLWAY BALL VALVE - T14 SERIES - PN 25

cim 314



DN	1/4	3/8	1/2	3/4	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
Box Cim 14-14 M	50	50	40	25	20	12	6	4	4	2	2
Cart. Cim 14-14 M	200	200	160	100	80	48	24	16			
Box Cim 314	50	50	50	30	20	12	8	5			
Cart. Cim 314	200	200	200	120	80	48	32	20			



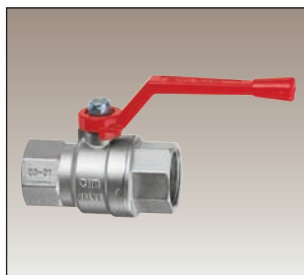
	DN	1/4	3/8	1/2	3/4	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
Cim 10 Cim 310	Grms.	180	185	340	610	830	1325	1730	3000	6630	10360	13500
	A	50	50	70	85	85	100	100	100	-	-	-
	A1	80	80	100	120	120	150	150	150	240	240	310
	B	50	50	53	65	69	83	89	96	121	132	155
	C	47	50	64	74	88	101	105	130	158	183	222
Cim 12 Cim 12 CR Cim 11 Cim 11 CR Cim 312 Cim 312 CR	Grms.	115	120	220	360	590	915	1355	2060	4255	6210	10000
	A	43	43	50	70	70	85	100	100	-	-	-
	A1	65	65	80	100	100	120	150	150	240	240	310
	B	36	36	52	56	60	73	89	96	121	132	155
	C	45	47	61	68	82	92	106,5	124,5	151	171	206
Cim 14 Cim 14 M Cim 314	Grms.	115	120	200	330	480	785	1165	1660	3100	4250	7100
	A	43	43	50	70	70	85	100	100	-	-	-
	A1	65	65	80	100	100	120	150	150	240	240	240
	B	36	36	52	56	60	73	88	96	116	125	140
	C	45	47	52	57	68	81	96	112	133	150	177
D	11,5	12,5	12,5	12,5	14	17	18	20	23	25	29	



cim 16

FULLWAY BALL VALVE - T16 SERIES - PN 32

cim 316



DN	1/4	3/8	1/2	3/4	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
Box Cim 16-17	50	50	40	25	16	10	6	4			
Cart. Cim 16-17	100	100	160	100	64	40	24	16			
Box Cim 316	50	50	50	30	20	10	7	4			
Cart. Cim 316	100	100	200	120	80	40	28	16			



cim 16 CR

FULLWAY BALL VALVE - IN DZR BRASS "CR" ALLOY - T16 SERIES - PN 32

316 CR



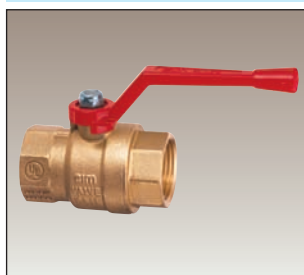
DN	1/4	3/8	1/2	3/4	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
Box Cim 16-17 CR			40	30	16	10	6	4			
Cart. Cim 16-17 CR			160	120	64	40	24	16			
Box Cim 316 CR			50	30	20	10	7	4			
Cart. Cim 316 CR			200	120	80	40	28	16			



cim 16.1 NPT

FULLWAY BALL VALVE "NPT" THREAD - T16 SERIES - PN 32

316.1 NPT



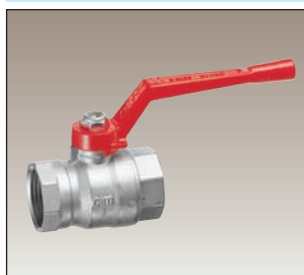
DN	1/4	3/8	1/2	3/4	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
Box 16.1-17.1 NPT	50	50	40	25	16	10	6	4			
Cart. 16.1-17.1 NPT	100	100	160	100	64	40	24	16			
Box Cim 316.1 NPT	50	50	50	30	20	10	7	4			
Cart. Cim 316.1 NPT	100	100	200	120	80	40	28	16			



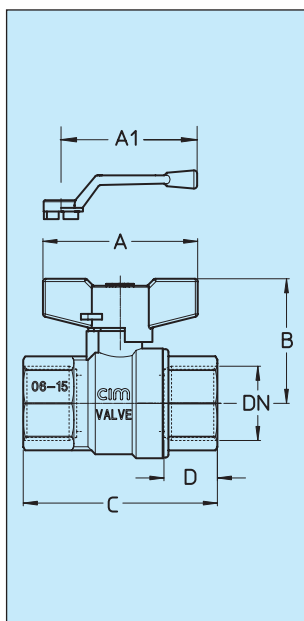
cim Red 6

FULLWAY BALL VALVE - RED 5 SERIES - PN 20

Red 6/1



DN	1/4	3/8	1/2	3/4	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
Box Cim Red 5-6			50	30	25	15	8	5			
Cart. Cim Red 5-6			200	120	100	60	32	20			
Box Cim Red 6/1			50	30	25	15	10	5			
Cart. Cim Red 6/1			200	120	100	60	40	20			



	DN	1/4	3/8	1/2	3/4	1"	1 1/4"	1 1/2"	2"
Cim 16 Cim 316 Cim 17	Grms.	115	120	190	300	495	760	1170	1740
	A	43	43	55	55	75	75	105	105
	A1	65	65	90	90	110	110	150	150
	B	36	36	49,5	54	63	72	83	90
	C	45	47	62	69	83,5	96,5	109,5	130,5
	D	11,5	12,5	17,5	19	22	25	25	29
Cim 16 CR Cim 17 CR Cim 316 CR Cim 16.1 NPT Cim 17.1 NPT Cim 316.1 NPT	Grms.	115	120	185	280	465	710	1060	1590
	A	43	43	55	55	75	75	105	105
	A1	65	65	90	90	110	110	150	150
	B	36	36	49,5	54	63	72	83	90
	C	45	47	55	60	74	81,5	95,5	112,5
	D	11,5	12,5	14	14,5	17	17,5	18	20
Cim Red 5 Cim Red 6 Cim Red 6/1	Grms.	-	-	145	235	350	500	870	1315
	A	-	-	55	55	75	75	105	105
	A1	-	-	90	90	110	110	150	150
	B	-	-	49	53	62	66,5	80,5	87
	C	-	-	47	53,5	66	74	88	102
	D	-	-	12	12	15	16	18	19

Cim 11-11CR-11NPT-14M
The impact proof stem tightness is assured by two FPM O'rings. The stem is placed inside a cap sealed to the body valve.

Cim 16-17-16CR-17CR
Cim 16.1 NPT - 17.1 NPT
Cim Red 5 - Red 6
The blow-out proof stem is placed from the inside of the valve. The tightness is assured by two HNBR/75 O'rings.

cim 12 NPT

FULLWAY BALL VALVE "NPT" THREAD - T12 SERIES - PN 32

312 NPT



DN	1/4	3/8	1/2	3/4	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
Box Cim 11-12 NPT	50	50	40	25	16	10	6	4	2	2	2
Cart. Cim 11-12 NPT	200	200	160	100	64	40	24	16			
Box Cim 312 NPT	50	50	50	30	20	12	7	4			
Cart. Cim 312 NPT	200	200	200	120	80	48	28	16			



cim 11 NPT

cim 10 OT

FULLWAY BALL VALVE BRASS HANDLE

cim 14 OT



DN	1/4	3/8	1/2	3/4	1"	1 1/4"	1 1/2"	2"
Box Cim 10 OT	40	40	25	16	12	6	5	3
Box Cim 14 OT			40	25	20	12	6	4



cim 12 OT

FULLWAY BALL VALVE BRASS HANDLE

cim 12 CR-OT



DN	1/4	3/8	1/2	3/4	1"	1 1/4"	1 1/2"	2"
Box			25	16	12	6	5	3
Cart.			100	64	48	24	20	12



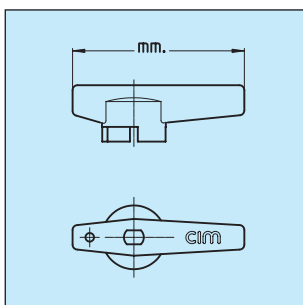
cim 12 SI

FULLWAY BALL VALVE WITH LOCKABLE HANDLE FOR OPEN/CLOSED POSITIONS- T 12
PATENTED

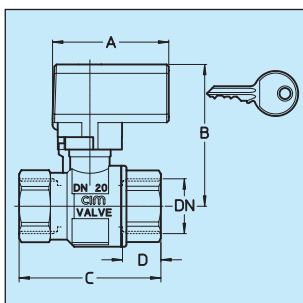
cim 12 CR-SI



DN	1/4	3/8	1/2	3/4	1"	1 1/4"	1 1/2"	2"
Box			20	15	10			
Cart.			80	60	40			



	mm.	70	90	105
Cim 921OT				
Cim 10 OT	DN	1/4 - 3/8 - 1/2	3/4 - 1"	1 1/4" - 1 1/2" - 2"
Cim 12 OT	DN	1/2 - 3/4 - 1"	1 1/4"	1 1/2" - 2"
Cim 12 CR-OT	DN	1/2 - 3/4 - 1"	1 1/4"	1 1/2" - 2"
Cim 14 OT	DN	1/2 - 3/4 - 1"	1 1/4"	1 1/2" - 2"



	DN	1/2	3/4	1"
Cim 12 SI	Grms.	400	530	775
Cim 12 CR-SI	A	56	56	56
	B	64	68	72
	C	61	68	82
	D	17	18,5	21



cim A10

FULLWAY BALL VALVE WITH 6/6 NYLON HANDLE



DN	1/2	3/4	1"	1 1/4"	1 1/2"	2"
Box Cim A10	20	12	10	5	5	2
Box Cim A14	30	20	15	10	6	4

cim A14



cim A12

FULLWAY BALL VALVE WITH 6/6 NYLON HANDLE



DN	1/2	3/4	1"	1 1/4"	1 1/2"	2"
Box Cim A12	30	18	12	8	6	4
Box Cim A12 CR	30	18	12	8	6	4

cim A12 CR



cim 610

"BALLSTAR" - FULLWAY BALL VALVE WITH SPEED REDUCER HANDWHEEL



DN	1/2	3/4	1"	1 1/4"	1 1/2"	2"
Box Cim 610	2	2	2	1	1	1
Box Cim 614	2	2	2	1	1	1

cim 614



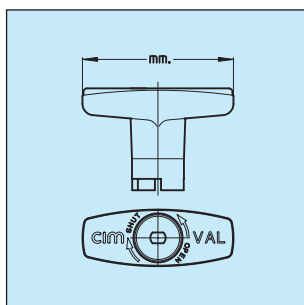
cim 612

"BALLSTAR" - FULLWAY BALL VALVE WITH SPEED REDUCER HANDWHEEL

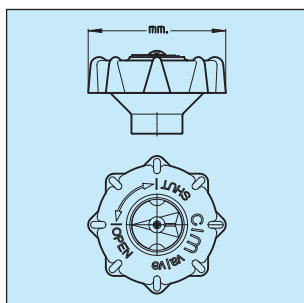


DN	1/2	3/4	1"	1 1/4"	1 1/2"	2"
Box Cim 612	2	2	2	1	1	1
Box Cim 612 CR	2	2	2	1	1	1

cim 612 CR



Cim A921	mm.	80	95	110
Cim A10	DN	1/2	3/4 - 1"	1 1/4" - 1 1/2" - 2"
Cim A12	DN	1/2 - 3/4 - 1"	1 1/4"	1 1/2" - 2"
Cim A12 CR	DN	1/2 - 3/4 - 1"	1 1/4"	1 1/2" - 2"
Cim A14	DN	1/2 - 3/4 - 1"	1 1/4"	1 1/2" - 2"



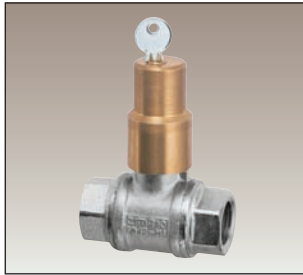
Cim 942	mm.	80	110
Cim 610	DN	1/2 - 3/4 - 1"	1 1/4" - 1 1/2" - 2"
Cim 612	DN	1/2 - 3/4 - 1" - 1 1/4"	1 1/2" - 2"
Cim 612 CR	DN	1/2 - 3/4 - 1" - 1 1/4"	1 1/2" - 2"
Cim 614	DN	1/2 - 3/4 - 1" - 1 1/4"	1 1/2" - 2"



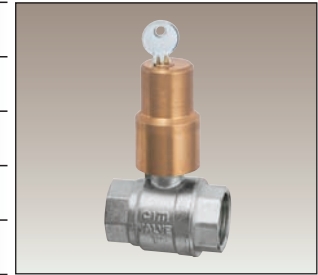
cim B10

BALL VALVE WITH LOCKABLE SAFETY CAP PATENTED

cim B14



DN	1/2	3/4	1"	1 1/4"
Box Cim B10	15	10	8	
Box Cim B14	20	15	10	8



cim B12

BALL VALVE WITH LOCKABLE SAFETY CAP PATENTED

cim B12 CR

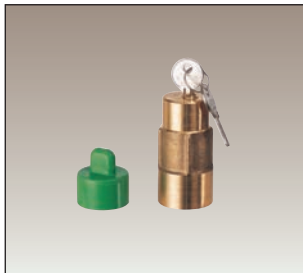


DN	1/2	3/4	1"	1 1/4"
Box Cim B12	20	15	10	8
Box Cim B12 CR	20	15	10	8



cim 953 B

LOCKABLE SAFETY CAP



Cim B10	1/2	
Cim B12	1/2 - 3/4 - 1"	
Cim B14	1/2 - 3/4 - 1"	

cim 955 B

LOCKABLE SAFETY CAP



Cim B10	3/4 - 1"	
Cim B12	1 1/4"	
Cim B14	1 1/4"	

cim 957

LOCKABLE SAFETY CAP ASSEMBLY KIT



Cim B10	1/2	
Cim B12	1/2 - 3/4 - 1"	
Cim B14	1/2 - 3/4 - 1"	

cim 958

LOCKABLE SAFETY CAP ASSEMBLY KIT



Cim B10	3/4 - 1"	
Cim B12	1 1/4"	
Cim B14	1 1/4"	

	Cim 953B		Cim 955B	
	A	B	A	B
mm.	36,5	71	44	73

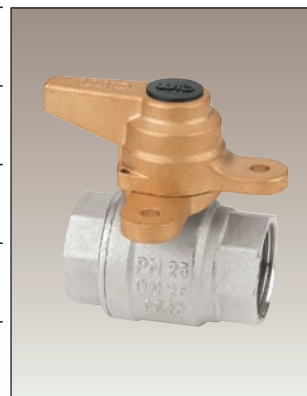
cim CH10

BALL VALVE WITH LOCKABLE HANDLE AND TAMPER PROOF NUT



DN	1/4	3/8	1/2	3/4	1"
Box Cim CH10	25	25	12		
Box Cim CH14			25	15	10

cim CH14



cim CH12

BALL VALVE WITH LOCKABLE HANDLE AND TAMPER PROOF NUT



DN	1/4	3/8	1/2	3/4	1"
Box			20	15	10
Cart.			80	60	40

cim CH12CR



cim 963

LOCKABLE HANDLE ASSEMBLY KIT



	1/4 - 3/8 - 1/2	
	1/2 - 3/4 - 1"	
	1/2 - 3/4 - 1"	
Box	10	
Cart.	40	

KEY FOR TAMPER PROOF NUT

cim 960

Suitable to all CH series ball valves

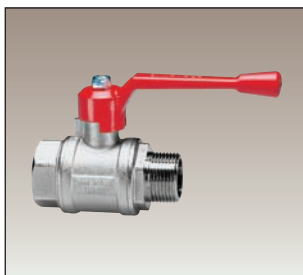


	Cim 963		Cim 963.1	
	A	Ø	A	Ø
Cim CH10	45	6,5	45	13
Cim CH12	45	6,5	45	13
Cim CH14	45	6,5	45	13

cim 201

FULLWAY BALL VALVE - T10 SERIES - PN 40

cim 301



DN	1/4	3/8	1/2	3/4	1"	1 1/4"	1 1/2"	2"
Box Cim 201	50	50	25	16	12	6	5	3
Cart. Cim 201	200	200	100	64	48	24	20	12
Box Cim 301	50	50	35	20	15	8	6	3
Cart. Cim 301	200	200	140	80	60	32	24	12



cim 201/12

FULLWAY BALL VALVE - T12 SERIES - PN 32

cim 301/12



DN	1/4	3/8	1/2	3/4	1"	1 1/4"	1 1/2"	2"
Box Cim 201/12	50	50	40	25	18	10	6	4
Cart. Cim 201/12	200	200	160	100	72	40	24	16
Box Cim 301/12	50	50	40	30	20	12	7	4
Cart. Cim 301/12	200	200	160	120	80	48	28	16



cim 201/14

FULLWAY BALL VALVE - T14 SERIES - PN 25

cim 301/14



DN	1/4	3/8	1/2	3/4	1"	1 1/4"	1 1/2"	2"
Box Cim 201/14	50	50	40	25	20	12	6	4
Cart. Cim 201/14	200	200	160	100	80	48	24	16
Box Cim 301/14	50	50	40	30	20	12	8	5
Cart. Cim 301/14	200	200	160	120	80	48	32	20



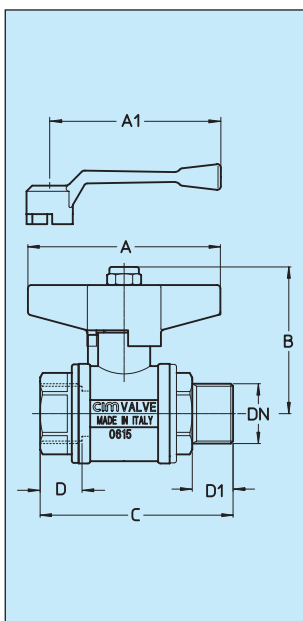
cim 201/16

FULLWAY BALL VALVE - T16 SERIES - PN 32

cim 301/16



DN	1/4	3/8	1/2	3/4	1"	1 1/4"	1 1/2"	2"
Box Cim 201/16/17	50	50	40	25	16	10	6	4
Cart. Cim 201/16/17	200	200	160	100	64	40	24	16
Box Cim 301/16	50	50	50	30	20	12	7	4
Cart. Cim 301/16	200	200	200	120	80	48	28	16



DN	Cim 201 - Cim 301						Cim 201/12 - Cim 301/12						Cim 201/14 - Cim 301/14						Cim 201/16 - Cim 301/16									
	Grms.	A	A1	B	C	D	D1	Grms.	A	A1	B	C	D	D1	Grms.	A	A1	B	C	D	D1	Grms.	A	A1	B	C	D	D1
1/4	185	50	80	50	55,5	12,5	12,5	110	43	65	36	46	11,5	12,5	110	43	65	36	46	11,5	12,5	110	43	65	36	46	11,5	12,5
3/8	195	50	80	50	57	13,5	12,5	110	43	65	36	47	12,5	12,5	110	43	65	36	47	12,5	12,5	110	43	65	36	47	12,5	12,5
1/2	345	70	100	53	72	17	15,5	210	50	80	52	60	17	15,5	205	50	80	52	56	12,5	15,5	190	55	90	49,5	70	17,5	17
3/4	630	85	120	65	85	18,5	18	340	70	100	56	69	18,5	18	330	70	100	56	63	12,5	18	300	55	90	54	76,5	19	18
1"	835	85	120	69	96	22	20,5	545	70	100	60	80	21	18,5	490	70	100	60	73	14	18,5	505	75	110	63	90	22	21
1 1/4"	1400	100	150	83	112	24	23,5	870	85	120	73	92	22,5	22	800	85	120	73	87	17	22	820	75	110	72	106	25	25
1 1/2"	1780	100	150	89	119	23	25	1225	100	150	89	106	23	23	1150	100	150	89	101	18	23	1150	105	150	83	119	25	26
2"	2925	100	150	96	144	28,5	28	1915	100	150	96	124	26,5	26	1740	100	150	96	118	20	26	1780	105	150	90	142	29	29,5

cim 201/12 CR

FULLWAY BALL VALVE - "CR" ALLOY - T12 SERIES - PN 32

cim 301/12 CR



DN		1/4	3/8	1/2	3/4	1"	1 1/4"	1 1/2"	2"
Box Cim 201/12 CR		50	50	40	25	18	10	6	4
Cart. Cim 201/12 CR		200	200	160	100	72	40	24	16
Box Cim 301/12 CR		50	50	40	30	20	12	7	4
Cart. Cim 301/12 CR		200	200	160	120	80	48	28	16



cim Red 6 MF

FULLWAY BALL VALVE - Red 5 SERIES - PN 20

cim Red 6/1 MF



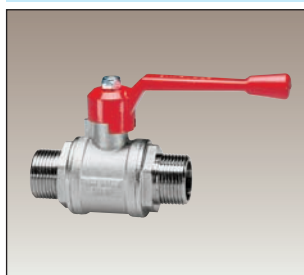
DN		1/4	3/8	1/2	3/4	1"	1 1/4"	1 1/2"	2"
Box Red 5-6 MF				50	30	25			
Cart. Red 5-6 MF				200	120	100			
Box Red 6/1 MF				50	30	25			
Cart. Red 6/1 MF				200	120	100			



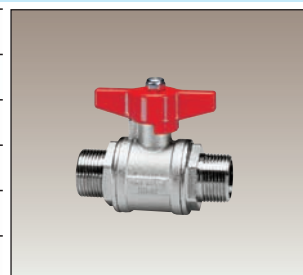
cim 202

FULLWAY BALL VALVE - T10 SERIES - PN 40

cim 302



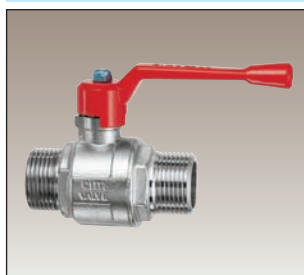
DN		1/4	3/8	1/2	3/4	1"	1 1/4"	1 1/2"	2"
Box Cim 202		50	50	25	16	12	6	6	2
Cart. Cim 202		100	100	100	64	48	24	24	8
Box Cim 302		50	50	35	18	15	8	6	3
Cart. Cim 302		100	100	140	72	60	32	24	12



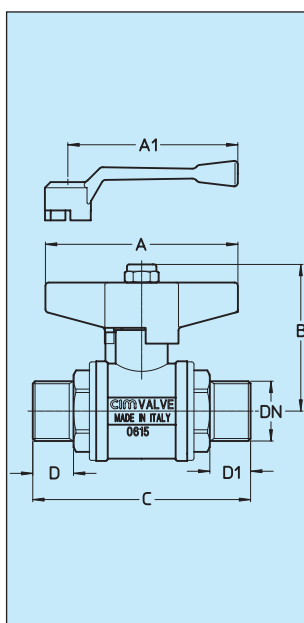
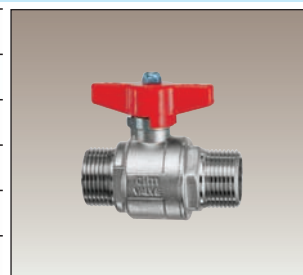
cim 202/14

FULLWAY BALL VALVE - T14 SERIES - PN 25

cim 302/14



DN		1/4	3/8	1/2	3/4	1"	1 1/4"	1 1/2"	2"
Box Cim 202/14		50	50	40	25	18	10	6	4
Cart. Cim 202/14		100	100	160	100	72	40	24	16
Box Cim 302/14		50	50	40	30	20	12	7	4
Cart. Cim 302/14		100	100	160	120	80	48	28	16

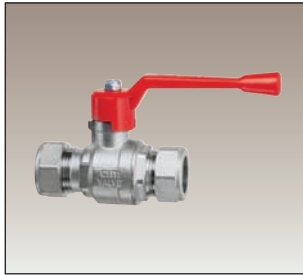


DN	Cim 201/12 CR - Cim 301/12 CR							Cim Red 6 MF - Cim Red 6/1 MF							Cim 202 - Cim 302							Cim 202/14 - Cim 302/14						
	Grms.	A	A1	B	C	D	D1	Grms.	A	A1	B	C	D	D1	Grms.	A	A1	B	C	D	D1	Grms.	A	A1	B	C	D	D1
1/4	120	43	65	36	54	13	13	-	-	-	-	-	-	-	190	50	80	50	64	12,5	12,5	110	43	65	36	55	12,5	12,5
3/8	125	43	65	36	54	13	13	-	-	-	-	-	-	-	200	50	80	50	64	12,5	12,5	120	43	65	36	55	12,5	12,5
1/2	230	50	80	52	69	17	17	155	55	90	47	57	12	12	335	70	100	53	80	15,5	15,5	220	50	80	52	69	15,5	17
3/4	380	70	100	56	76	19	18	250	55	90	53,5	62	12	12	655	85	120	65	96	18	18	345	70	100	56	77	18	18
1"	610	70	100	60	90	21	21	380	75	110	66	73	15	15	850	85	120	69	105	20,5	20,5	530	70	100	60	87	18,5	21
1 1/4"	950	85	120	73	103	23	25	-	-	-	-	-	-	-	1460	100	150	83	123	23,5	23,5	915	85	120	73	104	22	25
1 1/2"	1330	100	150	87	117	23	26	-	-	-	-	-	-	-	1860	100	150	89	133	25	25	1185	100	150	89	116	23	26
2"	2120	100	150	95	139	27	30	-	-	-	-	-	-	-	3015	100	150	96	158	28	28	1885	100	150	96	139	26	30

cim 209

FULLWAY BALL VALVE WITH COMPRESSION ENDS
FOR COPPER PIPE - T 12 - PN 16

cim 309




DN	10 x 10	12 x 12	15 x 15	18 x 18	22 x 22	28 x 28	35 x 35	42 x 42	54 x 54
Box	50	50	30	20	20	15	 cim 209 M		
Cart.	100	100	120	80	80	60			

cim 209 FE

FULLWAY BALL VALVE WITH FEMALE/COMPRESSION ENDS
FOR COPPER PIPE - T 12 - PN 16

cim 309 FE



DN	3/8 x 10	3/8 x 12	1/2 x 15	3/4 x 18	3/4 x 22	1" x 28	1 1/4" x 35	1 1/2" x 42	2" x 54
Box	50	50	30	20	20	15	 cim 209 MFE		
Cart.	100	100	120	80	80	60			

cim 209 MA

FULLWAY BALL VALVE WITH MALE/COMPRESSION ENDS
FOR COPPER PIPE - T 12 - PN 16

cim 309 MA



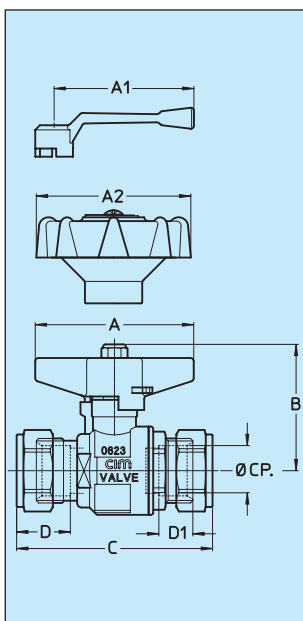
DN	3/8 x 10	3/8 x 12	1/2 x 15	3/4 x 18	3/4 x 22	1" x 28	1 1/4" x 35	1 1/2" x 42	2" x 54
Box	50	50	30	20	20	15	 cim 209 MMA		
Cart.	100	100	120	80	80	60			

cim 613

"BALL STAR" BALL VALVE WITH SPEED REDUCER HANDWHEEL WITH COMPRESSION ENDS
FOR COPPER PIPE - T12 - PN 16



DN			15 x 15	18 x 18	22 x 22	28 x 28	35 x 35	42 x 42	54 x 54
Box			2	2	2	2	1	1	1
Cart.			26	26	26	26	12	12	12



Ø CP	Cim 209 - Cim 309							Cim 209 FE - Cim 309 FE							Cim 209 MA - Cim 309 MA							Cim 613					
	Grms.	A	A1	B	C	D	D1	Grms.	A	A1	B	C	D	D1	Grms.	A	A1	B	C	D	D1	Grms.	A2	B	C	D	D1
10	155	43	65	36	65	20	20	145	43	65	36	55	12,5	20	116,5	43	65	36	62,5	12,5	20	-	-	-	-	-	-
12	165	43	65	36	63	20	20	163,5	43	65	36	55	12,5	20	156,5	43	65	36	62,5	12,5	20	-	-	-	-	-	-
15	255	50	80	52	77	21,5	21,5	235	50	80	52	70	17	21,5	240	50	80	52	78,5	17	21,5	350	80	65	77	21,5	21,5
18	370	50	80	54	81	22	22	-	-	-	-	-	-	-	340	50	80	54	81	11	22	465	80	67	81	22	22
22	420	70	100	56	87	25	25	380	70	100	56	78	18,5	25	380	70	100	56	86	18,5	25	525	80	70	87	25	25
28	625	70	100	60	95	26	26	630	70	100	60	90	21	26	615	70	100	60	98	21	26	715	80	73	95	26	26
35	980	85	120	73	114	34,5	34,5	930	85	120	73	103	22,5	34,5	960	85	120	73	114,5	22,5	34,5	1030	80	81	114	34,5	34,5
42	1455	100	150	89	128	35,5	35,5	1375	100	150	89	117	23	35,5	1330	100	150	89	127,5	23	35,5	1560	110	100	128	35,5	35,5
54	2270	100	150	96	150	40,5	40,5	2180	100	150	96	137	26,5	40,5	2130	100	150	96	152	26,5	40,5	2375	110	107	150	40,5	40,5

cim 209 CR FULLWAY BALL VALVE WITH COMPRESSION ENDS FOR COPPER PIPE IN DZR BRASS "CR" ALLOY - T12 - PN 16 **cim 309 CR**



DN	10 x 10	12 x 12	15 x 15	18 x 18	22 x 22	28 x 28	35 x 35	42 x 42	54 x 54	
Box	50	50	30	20	20	15	cim 209 MCR			
Cart.	100	100	120	80	80	60				

cim 209 CRFE FULLWAY BALL VALVE WITH FEMALE/COMPRESSION ENDS FOR COPPER PIPE - IN DZR BRASS "CR" ALLOY - T12 - PN 16 **cim 309 CRFE**



DN	3/8 x 10	3/8 x 12	1/2 x 15	3/4 x 18	3/4 x 22	1" x 28	1 1/4" x 35	1 1/2" x 42	2" x 54	
Box	50	50	30	20	20	15	cim 209 CRMFE			
Cart.	100	100	120	80	80	60				

cim 209 CRMA FULLWAY BALL VALVE WITH MALE/COMPRESSION ENDS FOR COPPER PIPE IN DZR BRASS "CR" ALLOY - T12 - PN 16 **cim 309 CRMA**

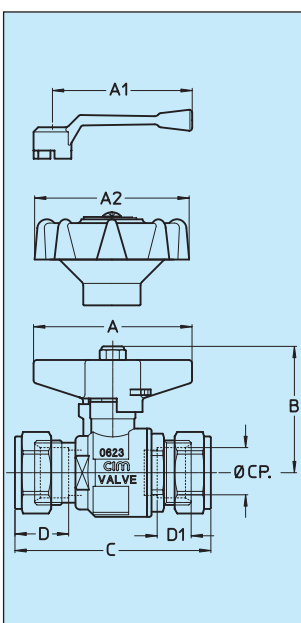


DN	10 x 10	12 x 12	15 x 15	18 x 18	22 x 22	28 x 28	35 x 35	42 x 42	54 x 54	
Box	50	50	30	20	20	15	cim 209 CRMA			
Cart.	100	100	120	80	80	60				

cim 613 CR "BALL STAR" BALL VALVE WITH SPEED REDUCER HANDWHEEL WITH COMPRESSION ENDS FOR COPPER PIPE IN DZR BRASS "CR" ALLOY - T12 - PN 16



DN			15 x 15	18 x 18	22 x 22	28 x 28	35 x 35	42 x 42	54 x 54
Box			2	2	2	2	1	1	1
Cart.			8	8	8	8	4	4	4



Ø CP	Cim 209CR - Cim 309CR							Cim 209 CRFE - Cim 309 CRFE							Cim 209 CRMA - Cim 309 CRMA							Cim 613 CR					
	Grms.	A	A1	B	C	D	D1	Grms.	A	A1	B	C	D	D1	Grms.	A	A1	B	C	D	D1	Grms.	A2	B	C	D	D1
10	155	43	65	36	65	20	20	145	43	65	36	55	12,5	20	116,5	43	65	36	62,5	12,5	20	-	-	-	-	-	-
12	165	43	65	36	63	20	20	163,5	43	65	36	55	12,5	20	156,5	43	65	36	62,5	12,5	20	-	-	-	-	-	-
15	255	50	80	52	77	21,5	21,5	235	50	80	52	70	17	21,5	240	50	80	52	78,5	17	21,5	350	80	65	77	21,5	21,5
18	370	50	80	54	81	22	22	-	-	-	-	-	-	-	340	50	80	54	81	11	22	465	80	67	81	22	22
22	420	70	100	56	87	25	25	380	70	100	56	78	18,5	25	380	70	100	56	86	18,5	25	525	80	70	87	25	25
28	625	70	100	60	95	26	26	630	70	100	60	90	21	26	615	70	100	60	98	21	26	715	80	73	95	26	26
35	980	85	120	73	114	34,5	34,5	930	85	120	73	103	22,5	34,5	960	85	120	73	114,5	22,5	34,5	1030	80	81	114	34,5	34,5
42	1455	100	150	89	128	35,5	35,5	1375	100	150	89	117	23	35,5	1330	100	150	89	127,5	23	35,5	1560	110	100	128	35,5	35,5
54	2270	100	150	96	150	40,5	40,5	2180	100	150	96	137	26,5	40,5	2130	100	150	96	152	26,5	40,5	2375	110	107	150	40,5	40,5

cim 200

FULLWAY BALL VALVE WITH DRAIN AND TEST POINT - T14 SERIES - PN 25

cim 300



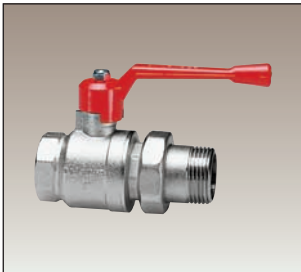
DN	1/2	3/4	1"	1 1/4"	1 1/2"	2"
Box Cim 200	30	25	16	10	6	4
Cart. Cim 200	120	100	64	40	24	16
Box Cim 300	30	25	16	10	6	4
Cart. Cim 300	120	100	64	40	24	16



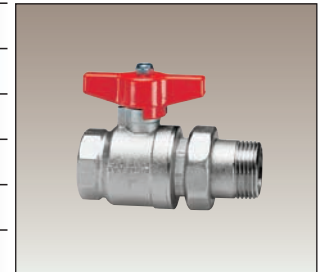
cim 246

FULLWAY BALL VALVE WITH UNION JOINT - T 14 SERIES - PN 25

cim 346



DN	1/2x1/2	3/4x3/4	1"x1"	1 1/4"x1 1/4"	1 1/2"x1 1/2"
Box Cim 246	30	20	12	7	4
Cart. Cim 246	120	80	48	28	16
Box Cim 346	35	24	16	10	5
Cart. Cim 346	70	48	32	20	10



cim 247

FULLWAY BALL VALVE WITH DRAIN AND UNION JOINT - T 14 SERIES - PN 25

cim 347



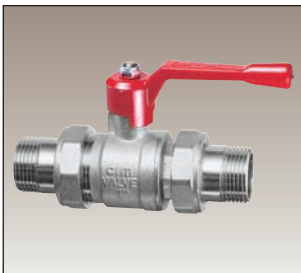
DN	1/2x1/2	3/4x3/4	1"x1"	1 1/4"x1 1/4"	1 1/2"x1 1/2"
Box Cim 247	25	15	10	7	4
Cart. Cim 247	100	60	40	28	16
Box Cim 347	30	20	15	8	5
Cart. Cim 347	120	80	60	32	20



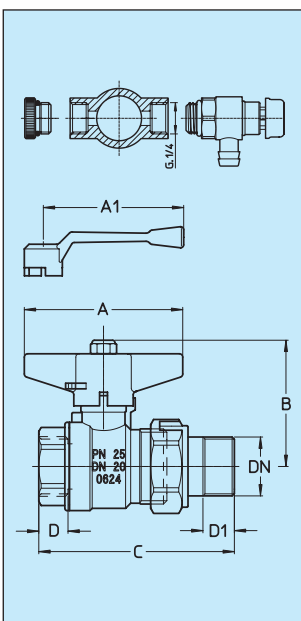
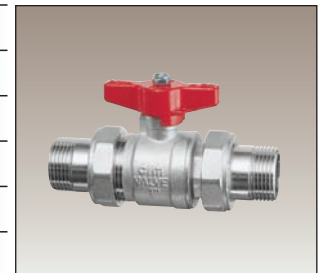
cim 248

FULLWAY BALL VALVE WITH UNION JOINT ENDS - PN 25

cim 348



DN	1/2x1/2	3/4x3/4	1"x1"	1 1/4"x1 1/4"	1 1/2"x1 1/2"
Box Cim 248	25	16	10	7	4
Cart. Cim 248	100	64	40	28	16
Box Cim 348	30	20	12	8	5
Cart. Cim 348	120	80	48	32	20



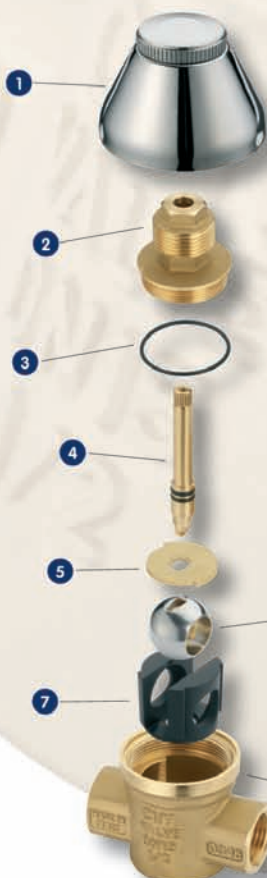
DN	Cim 200 - Cim 300							DN	Cim 246 - Cim 346							Cim 247 - Cim 347							Cim 248 - Cim 348						
	Grms.	A	A1	B	C	D	D1		Grms.	A	A1	B	C	D	D1	Grms.	A	A1	B	C	D	D1	Grms.	A	A1	B	C	D	D1
1/2	285	50	80	52	57	12,5	12,5	1/2x1/2	263	50	80	52	77,5	12,5	10	355	50	80	52	85	12,5	11	360	50	80	52	111	11	11
3/4	420	70	100	56	62	12,5	12,5	3/4x3/4	435	70	100	56	86,5	12,5	13	520	70	100	56	93	12,5	13	575	70	100	56	119,5	13	13
1"	585	70	100	60	76	14	14	1"x1"	650	70	100	60	101	14	14	770	70	100	60	110	14	14	890	70	100	60	136,5	14	14
1 1/4"	860	85	120	73	91	17	17	1 1/4"x1 1/4"	980	85	120	73	120	17	14	1105	85	120	73	130	17	14	1255	85	120	73	161	14	14
1 1/2"	1290	100	150	88	107	18	18	1 1/2"x1 1/2"	1510	100	150	88,5	143	18	16	1650	100	150	88,5	154	18	16	1645	100	150	88,5	190	16	16
2"	1790	100	150	96	124	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

WALL-MOUNTED BALL VALVE WITH ONE-PIECE BODY FOR EASY MAINTENANCE ALL PARTS REPLACEABLE

IDEA **cim**

PATENT PENDING

The IDEA Cim ball valve guarantees a quick replacement and/or assembling of all components, even if in narrow spaces, for it is possible to take out from the body valve all components (bonnet, stem, rotating disc, ball and gasket) to be replaced.



- 1 OPERATING DEVICE**
 - Square cap - Handle: Brass
 - Butterfly - Lever: hard duraluminium AL SI 12
 - Handle: Nylon 6/6
- 2 BONNET**
hot pressed from brass bar
EN 12165 CW617N/DIN 50930-6
- 3 O'RING**
EPDM/70
- 4 STEM**
from brass bar
EN 12165 CW617N/DIN 50930-6
- 5 ROTATING DISC**
from brass bar
EN 12165 CW617N/DIN 50930-6
- 6 BALL**
hot pressed from brass bar
EN 12165 CW617N/DIN 50930-6
- 7 CYLINDRICAL GASKET**
EPDM/70
- 8 ONE-PIECE BODY**
hot pressed from brass bar
EN 12165 CW617N/DIN 50930-6



ADVANTAGES

- One-piece body
- Easy maintenance
- Low torque
- Time saving and cost-effective
- Special shape of the gasket, preventing the formation of deposits
- Cylindrical gasket assuring a perfect tightness even when the valve body undergoes strong mechanical stress
- Resistance to mechanical stress thanks to the one-piece body shape enhancing the valve strength

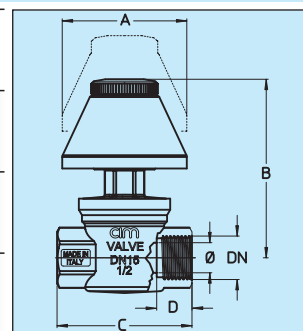
cim 125

BALL VALVE TO PANEL MOUNT WITH TWO PIECE KNOB HANDLE - PATENT PENDING



DN	1/2	3/4
Box	10	10
Cart.	40	40

SERIES IDEA cim						
DN	Ø mm.	Grms.	A	B	C	D
1/2	15	535	60	90	65	17
3/4	15	580	60	90	73	18,5



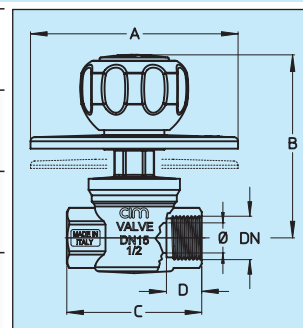
cim 126

BALL VALVE TO PANEL MOUNT WITH ROUND HANDLE-COVER PLATE Ø 100 - PATENT PENDING



DN	1/2	3/4
Box	10	10
Cart.	40	40

SERIES IDEA cim						
DN	Ø mm.	Grms.	A	B	C	D
1/2	15	635	100	85	65	17
3/4	15	680	100	85	73	18,5



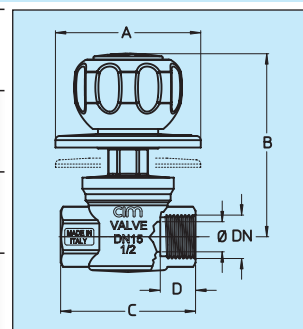
cim 126S

BALL VALVE TO PANEL MOUNT WITH ROUND HANDLE-COVER PLATE Ø 70 - PATENT PENDING



DN	1/2	3/4
Box	10	10
Cart.	40	40

SERIES IDEA cim						
DN	Ø mm.	Grms.	A	B	C	D
1/2	15	635	70	85	65	17
3/4	15	680	70	85	73	18,5



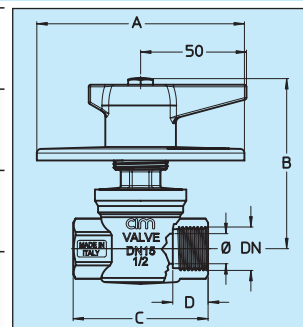
cim 127

BALL VALVE TO PANEL MOUNT WITH DEVIATOR HANDLE-COVER PLATE Ø 100 - PATENT PENDING



DN	1/2	3/4
Box	10	10
Cart.	40	40

SERIES IDEA cim						
DN	Ø mm.	Grms.	A	B	C	D
1/2	15	600	100	80	65	17
3/4	15	645	100	80	73	18,5



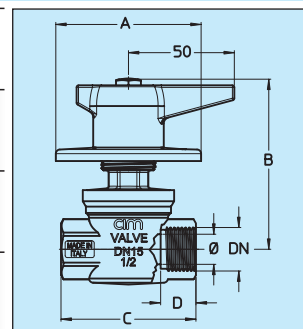
cim 128

BALL VALVE WITH DEVIATOR HANDLE-COVER PLATE Ø 70 - PATENT PENDING



DN	1/2	3/4
Box	10	10
Cart.	40	40

SERIES IDEA cim						
DN	Ø mm.	Grms.	A	B	C	D
1/2	15	600	70	80	65	17
3/4	15	645	70	80	73	18,5



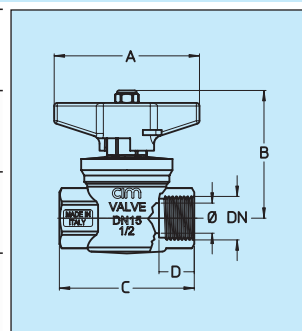
cim 85

BALL VALVE FEMALE/FEMALE - PN 32 - PATENT PENDING



DN	1/2	3/4
Box	15	10
Cart.	30	20

SERIES IDEA cim						
DN	Ø mm.	Grms.	A	B	C	D
1/2	15	395	70	62	65	17
3/4	15	440	70	62	73	18,5



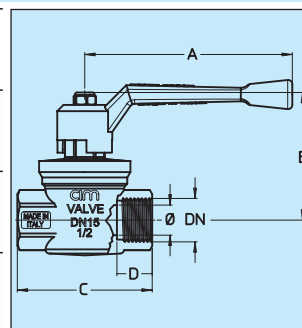
cim 86

BALL VALVE FEMALE/FEMALE - PN 32 - PATENT PENDING



DN	1/2	3/4
Box	15	10
Cart.	30	20

SERIES IDEA cim						
DN	Ø mm.	Grms.	A	B	C	D
1/2	15	395	100	62	65	17
3/4	15	440	100	62	73	18,5



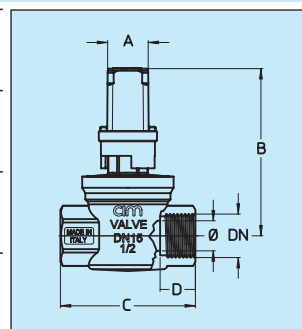
cim 87

BALL VALVE FEMALE/FEMALE WITH SQUARE CAP 20 X 20 - PN 32 - PATENT PENDING



DN	1/2	3/4
Box	15	10
Cart.	30	20

SERIES IDEA cim						
DN	Ø mm.	Grms.	A	B	C	D
1/2	15	460	20x20	79,5	65	17
3/4	15	505	20x20	79,5	73	18,5



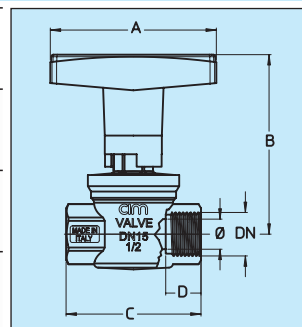
cim A85

BALL VALVE FEMALE/FEMALE WITH 6/6 NYLON HANDLE - PN 32 - PATENT PENDING



DN	1/2	3/4
Box	15	10
Cart.	30	20

SERIES IDEA cim						
DN	Ø mm.	Grms.	A	B	C	D
1/2	15	400	80	86,5	65	17
3/4	15	445	80	86,5	73	18,5



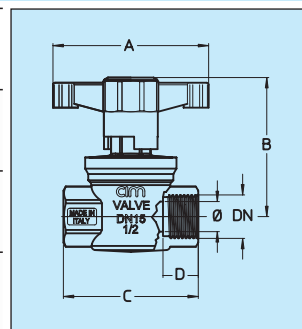
cim E85

BALL VALVE FEMALE/FEMALE BRASS HANDLE - PN 32 - PATENT PENDING



DN	1/2	3/4
Box	15	10
Cart.	30	20

SERIES IDEA cim						
DN	Ø mm.	Grms.	A	B	C	D
1/2	15	465	75	67	65	17
3/4	15	510	75	67	73	18,5



cim 25

FULLWAY BALL VALVE TO PANEL MOUNT WITH TWO PIECE KNOB HANDLE - T 10 SERIES



DN	3/8	1/2	3/4	1"
Box	16	16	12	10
Cart.	64	64	48	40

cim 26

FULLWAY BALL VALVE TO PANEL MOUNT WITH ROUND HANDLE-COVER PLATE Ø 100 (Cim 26S Ø 70) - T 10 SERIES



DN	3/8	1/2	3/4	1"
Box	10	10	10	8
Cart.	40	40	40	32

cim 27

FULLWAY BALL VALVE TO PANEL MOUNT WITH DEVIATOR HANDLE-COVER PLATE Ø 100 - T 10 SERIES



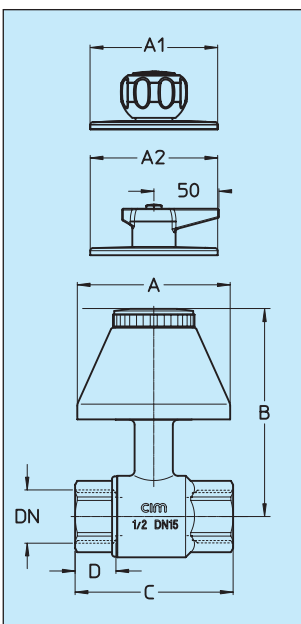
DN	3/8	1/2	3/4	1"
Box	10	10	10	8
Cart.	40	40	40	32

cim 28

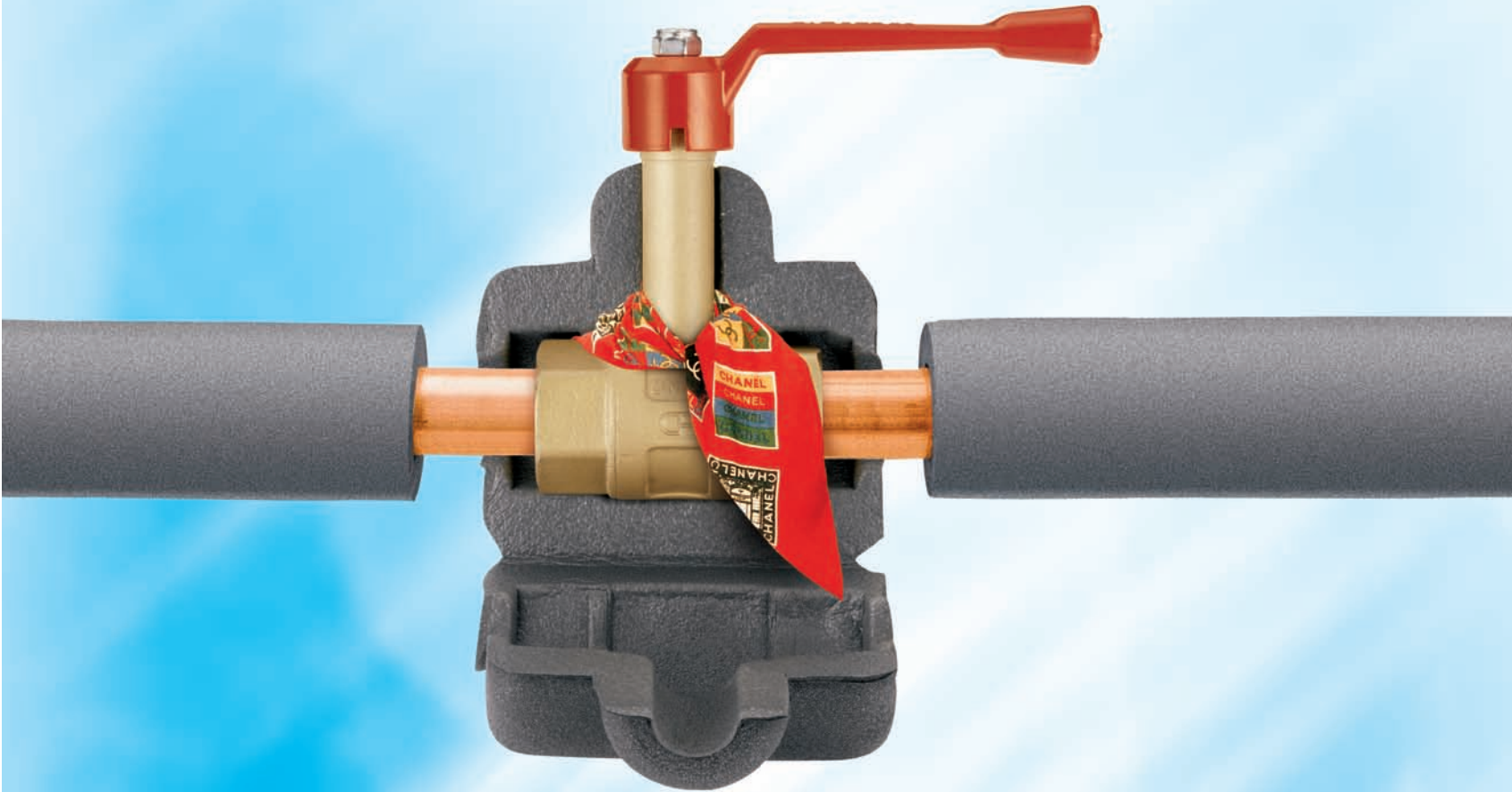
FULLWAY BALL VALVE TO PANEL MOUNT WITH DEVIATOR HANDLE-COVER PLATE Ø 70 T 10 SERIES



DN	3/8	1/2	3/4	1"
Box	10	10	10	8
Cart.	40	40	40	32



	DN	3/8	1/2	3/4	1"
Cim 25	Grms.	375	450	700	945
	A	60	60	60	60
	B	88	90	98	100
	C	50	62	74	88
	D	13,5	16	18,5	22
Cim 26 Cim 26 S	Grms.	460	540	785	1030
	A1	100	100	100	100
	A2	70	70	70	70
	B	52	56	60	73
	C	81	85	90	93
Cim 27	Grms.	420	500	740	990
	A2	100	100	100	100
	B	77	80	85	88
	C	50	62	74	88
	D	13,5	16	18,5	22
Cim 28	Grms.	420	500	740	990
	A2	70	70	70	70
	B	77	80	85	88
	C	50	62	74	88
	D	13,5	16	18,5	22



BVGGFORJH

Produktsertifikat

Sertifikat nr. 0080

Norges byggforskningsinstitutt
bekrefter at

**CIM klemringskoplinger for
kuleventiler, dimensjon 10 – 54 mm,
i CR messing**

er i samsvar med kravene i
NKB Produktregler 12

Produktsertifikatet tilhører
CIM Norge A/S

Utgitt: 15.04.2004
Gyldig frem til: 01.07.2009

Produsenten har kontrollertale med NBL,
og er sertifisert etter ISO 9001

Knut Ivar Edvardsen
Sertifiseringsleder

Prosjektleder	Byggherrens representant	Byggherrens representant	Byggherrens representant
12 00 02 05	12 00 02 05	12 00 02 05	12 00 02 05
12 00 02 05	12 00 02 05	12 00 02 05	12 00 02 05

BVGGFORJH

Produktsertifikat

Sertifikat nr. 0026

Norges byggforskningsinstitutt
bekrefter at

**CIM kuleventiler, type 11, 311, 201/12,
301/12, 501, 502, 505 612, 234, 235, 17 og
317 i CR messing**

er i samsvar med kravene i
NKB Produktregler 13

Produktsertifikatet tilhører
CIM Norge A/S

Utgitt: 05.06.2002
Rev. utgitt: 27.02.2006
Gyldig frem til: 01.07.2007

Produsenten har kontrollertale med NBL,
etter NKB Produktregler 13

Knut Ivar Edvardsen
Sertifiseringsleder

Prosjektleder	Byggherrens representant	Byggherrens representant	Byggherrens representant
12 00 02 05	12 00 02 05	12 00 02 05	12 00 02 05
12 00 02 05	12 00 02 05	12 00 02 05	12 00 02 05

ESEM

ÉPÍTŐPARI MŰSZAKI ENGEDÉLY

A termék megnevezése: **CIMBERIO gárművel ellátott építőipari szeleptelepek**
- csatlakozás, gázvezeték
- csatlakozás
- kőzetbe, falba, falon belül, falon kívül

A termék tervezett alkalmazási terület: **Lakó- és közösségi épületek és a villamos és vízvezeték elosztórendszer alkalmazásai.**

Kivitelezés: **Cs. E. E. Gáz- és Víztechnika Kft. (Gáz- és Víztechnika Kft.)**
Vásároló: **Cs. E. E. Gáz- és Víztechnika Kft. (Gáz- és Víztechnika Kft.)**

A termék gyártója: **Cs. E. E. Gáz- és Víztechnika Kft. (Gáz- és Víztechnika Kft.)**
Vásároló: **Cs. E. E. Gáz- és Víztechnika Kft. (Gáz- és Víztechnika Kft.)**

A termék forgalmazója: **Kristály Kft.**
8660 Sákány, P. sz. 15-17.

A termék (ESEM) előírásai (ESEM)	1.1.1. Építési előírások	1.1.2.1. Vízvezeték csatlakozás
1.1.1.1. Építési előírások	1.1.2.2. Vízvezeték csatlakozás	1.1.2.2. Vízvezeték csatlakozás
1.1.1.2. Építési előírások	1.1.2.3. Vízvezeték csatlakozás	1.1.2.3. Vízvezeték csatlakozás
1.1.1.3. Építési előírások	1.1.2.4. Vízvezeték csatlakozás	1.1.2.4. Vízvezeték csatlakozás
1.1.1.4. Építési előírások	1.1.2.5. Vízvezeték csatlakozás	1.1.2.5. Vízvezeték csatlakozás
1.1.1.5. Építési előírások	1.1.2.6. Vízvezeték csatlakozás	1.1.2.6. Vízvezeték csatlakozás
1.1.1.6. Építési előírások	1.1.2.7. Vízvezeték csatlakozás	1.1.2.7. Vízvezeték csatlakozás
1.1.1.7. Építési előírások	1.1.2.8. Vízvezeték csatlakozás	1.1.2.8. Vízvezeték csatlakozás
1.1.1.8. Építési előírások	1.1.2.9. Vízvezeték csatlakozás	1.1.2.9. Vízvezeték csatlakozás
1.1.1.9. Építési előírások	1.1.2.10. Vízvezeték csatlakozás	1.1.2.10. Vízvezeték csatlakozás
1.1.1.10. Építési előírások	1.1.2.11. Vízvezeték csatlakozás	1.1.2.11. Vízvezeték csatlakozás

Egyéb feltételek: **2011. október 31-ig**

Helyszín: **2006. október 18.**

Dr. Péter János
ESEM igazgatója

Dr. Péter János
ESEM igazgatója

Az ESEM azonosítója az ESEM 001. Számú alábbiakban.

ESEM 001. Számú alábbiakban.

SITAC

TYPGODKÄNNANDEBEVIS 5453/93

Med betegn som tillhöringskod enligt S-79 i lagen (1993:87) om tekniska specifikationer på byggvaror, se nr. 871.

SAKORD: TAPPVATTEN
Avvattning- och tvättvatten
Avvattningsventiler, sammanfall

CIM KULEVENTIL

Innehåller: CIM Norge A/S, Eiriksdalsveien 117, N-0400 OSLO, tel. +47 22 47 20 60, fax +47 22 47 20 25, kontakt: www.cimnorge.no, og.nr: 960 417 131

Informasjon: CIM Norge A/S Hval Sverige, Komshusetgata 11, S-237 32 BJÄRNEBY, tel. +46 46 73 88 76, fax +46 46 73 88 77, kontakt: www.cimnorge.no, E-post: skandinavien@nim.no

Produkt: Avvattningsventiler av kullfiber eller av stål med eller uten oljebelegg. Ventiler med eller uten oljebelegg. Ventiler med eller uten oljebelegg.

Avviks- eller-beskrivelse: Avvattningsventiler 80 till 100 mm og ventiler og tilbehør.

Standardreferanse: CIM 11CR, CIM 12CR, CIM 112CR, CIM A12CR, CIM 120CR, CIM 112CR, CIM 122CR, CIM 124CR, CIM 201/12CR, CIM 301/12CR, CIM 501CR, CIM 502CR, CIM 505 612CR, CIM 234CR, CIM 235CR, CIM 17CR, CIM 317CR, CIM 311CR, CIM 317CR

Gjeldende: Produktens oppføringskriterier i S 79 i BVL i de avsnittene og under de dimensjoner som angis i dette beviset og produktene derfor enligt bestemmelsen i 871-måls lov (1993:87) om tekniska specifikationer (SIS).

Tegningssett, utgitt: 04/11, 7 av 7 og 3 av 3 stykker
Material, utgitt: 04/11, 1 av 1 stykker og 3 av 3 stykker

Tillatelse til bruk: Cimberio ventiler datert 02/02/2005.

Kontakt: Spesifikasjonen skal utføres enligt kontrollforskriftene datert 2000-02-28 og forsvares av ett tilsvarende godkjent organ NBL.
Ved byggherrens kontroll på byggherrens sted, etter å ha utført kontroll med hjelp av måleutrustning, eller av en produsent leverans og at de er i samsvar med de tekniske kriteriene og i produktens og tilhørende tegninger. Deretter skal konstruksjonen av produktet utføres av en tilsvarende kvalifisert, etter å ha utført kontroll av utrustning og utrustning med de tegninger som ligger til grunn for dette beviset.

SITAC

Tj. bevis nr. 5453/93

Beskrivelse: Impulsventiler og ventiler, CIM Norge A/S, N-0400 OSLO.

Tillatelse til bruk: Cimberio, Italia.

Merknad: Ventilerne er utgitt med CIM VAS VE, CR som dimensjon. Vase (Impulsventil) i stål med.

Produktens oppføringskriterier: Produktens oppføringskriterier i S 79 i BVL i de avsnittene og under de dimensjoner som angis i dette beviset og produktene derfor enligt bestemmelsen i 871-måls lov (1993:87) om tekniska specifikationer (SIS).

Tegningssett, utgitt: 04/11, 7 av 7 og 3 av 3 stykker
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Ved byggherrens kontroll på byggherrens sted, etter å ha utført kontroll med hjelp av måleutrustning, eller av en produsent leverans og at de er i samsvar med de tekniske kriteriene og i produktens og tilhørende tegninger. Deretter skal konstruksjonen av produktet utføres av en tilsvarende kvalifisert, etter å ha utført kontroll av utrustning og utrustning med de tegninger som ligger til grunn for dette beviset.

STF

TYPFÄRSTÖRNINGSRISERION TYYPPIIVÄKSYNTÄPÄÄTÖS

Diini: YAM822/1206 1 (2)

Alustel: 18.3.2007

Välmetel: 18.3.2012

TUOTE: CIM klemringskoplinger, CIM 11CR, CIM 12CR, CIM 112CR, CIM A12CR, CIM 120CR, CIM 112CR, CIM 122CR, CIM 124CR, CIM 201/12CR, CIM 301/12CR, CIM 501CR, CIM 502CR, CIM 505 612CR, CIM 234CR, CIM 235CR, CIM 17CR, CIM 317CR, CIM 311CR, CIM 317CR

HAUVA: CIM NORGE A/S Norge

VALMISTAJA: Cim-Lit, Cimberio Denmark S.p.A. Italia

HVÄRSTÄLLNINGS- LAAGUS: TSB tyypistöörnös tulokset on tehty katsottujen tuotteen teknisten dokumenttien mukaisesti.

LAADUNVALVONTA: Laadunvalvonta on toteutettu Suomen Typpistöörnöskeskuksessa ja CIM Norge A/S:n 2006-02-28 päivätyn teknisen dokumentin mukaisesti.

MERKITSEMEN: Ventilerin on pystyttävä kestämään kanna "CIM VALVE" merkittö "CR" ja ventilin lämpötilan. Tuuletus on saat palauttaa on merkittö muut vaihtamalla tuuletinosa.

VORASAAJADAKKA: Päätös tulee voimaan 18.3.2007 ja on voimassa toistakymmentä kuukautta alkaen 18.3.2012 saakka.

cim 501 CR

FULLWAY BALL VALVE - SOLID STEM EXTENSION - IN DZR BRASS "CR" ALLOY
T 12 SERIES - PN 32 - FEMALE/FEMALE ENDS



DN	1/2	3/4	1"	1 1/4"	1 1/2"	2"
Box	20	15	10	8	4	2
Cart.	80	60	40	32	16	8

ON REQUEST



cim 501CROT

FULLWAY BALL VALVE - SOLID STEM EXTENSION - IN DZR BRASS "CR" ALLOY
T 12 SERIES - PN 32 - FEMALE/FEMALE ENDS - BRASS HANDLE



DN	1/2	3/4	1"	1 1/4"	1 1/2"	2"
Box	20	15	10	8	4	2
Cart.	80	60	40	32	16	8

ON REQUEST



cim 501/246

FULLWAY BALL VALVE - SOLID STEM EXTENSION - IN DZR BRASS "CR" ALLOY
T 12 SERIES - PN 32 - FEMALE/UNION ENDS



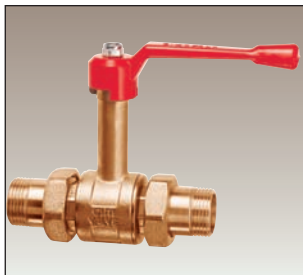
DN	1/2x1/2	3/4x3/4	1"x1"	1 1/4"x1 1/4"
Box	20	15	10	8
Cart.	80	60	40	32

ON REQUEST



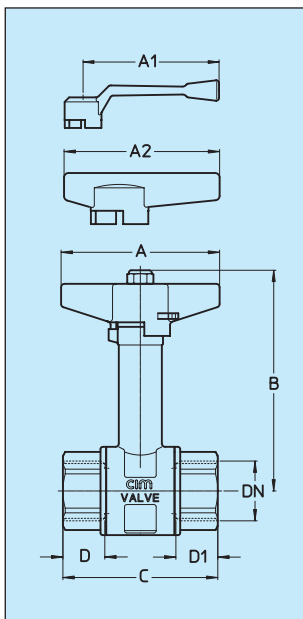
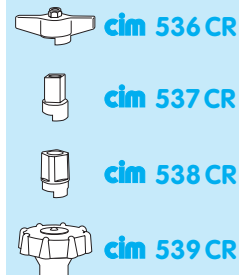
cim 535 CR

FULLWAY BALL VALVE - SOLID STEM EXTENSION - IN DZR BRASS "CR" ALLOY
T 12 SERIES - PN 32 - UNION ENDS



DN	1/2x1/2	3/4x3/4	1"x1"	1 1/4"x1 1/4"
Box	20	12	8	6
Cart.	80	48	32	24

ON REQUEST



DN	Cim 501CR							Cim 501CROT							DN	Cim 501/246							Cim 535 CR						
	Gms.	A	A1	B	C	D	D1	Gms.	A2	B	C	D	D1	Gms.		A	A1	B	C	D	D1	Gms.	A	A1	B	C	D	D1	
1/2	345	70	100	100	60	17	17	420	90	100	60	17	17	1/2x1/2	375	70	100	100	85,5	17	11	375	70	100	100	111	11	11	
3/4	475	70	100	104	68	18,5	18,5	550	90	104	68	18,5	18,5	3/4x3/4	525	70	100	104	96	18,5	13	525	70	100	104	124	13	13	
1"	810	85	120	120	82	21	21	905	105	120	82	21	21	1"x1"	865	85	120	120	111	21	14	865	85	120	120	140	14	14	
1 1/4"	1095	85	120	124	92	22,5	22,5	1190	105	124	92	22,5	22,5	1 1/4"x1 1/4"	1175	85	120	124	126,5	22,5	14	1175	85	120	124	161	14	14	
1 1/2"	1670	100	150	148	107	23	23	1740	105	148	107	23	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2"	2480	100	150	155	125	26,5	26,5	2550	105	155	125	26,5	26,5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

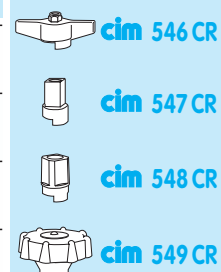
cim 545 CR

FULLWAY BALL VALVE - SOLID STEM EXTENSION - IN DZR BRASS "CR" ALLOY
T 12 SERIES - PN 32 - COMPRESSION ENDS FOR COPPER PIPE



DN	15x15	18x18	22x22	28x28	35x35	42x42	54x54
Box	20	15	15	10	8	4	2
Cart.	80	60	60	40	32	16	8

ON REQUEST



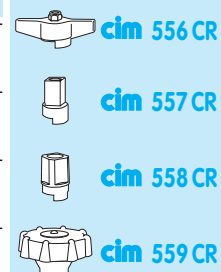
cim 555 CR

FULLWAY BALL VALVE - SOLID STEM EXTENSION - IN DZR BRASS "CR" ALLOY
T 12 SERIES - PN 32 - COMPRESSION ENDS FOR IRON PIPE



DN	1/2 21x21	3/4 27x27	1" 34x34				
Box	15	10	8				
Cart.	60	40	32				

ON REQUEST



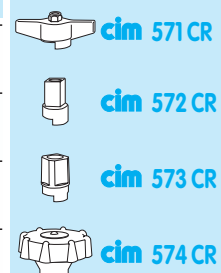
cim 570 CR

FULLWAY BALL VALVE - SOLID STEM EXTENSION - IN DZR BRASS "CR" ALLOY
T 12 SERIES - PN 32 - FEMALE/FEMALE ENDS WITH NON RETURN VALVE



DN	1/2	3/4	1"	1 1/4"	1 1/2"	2"	
Box	20	15	10	8	4	2	
Cart.	80	60	40	32	16	8	

ON REQUEST



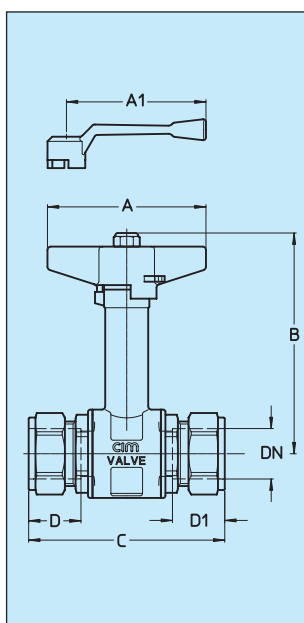
cim 728 B

INSULATING CASE FOR SOLID STEM EXTENSION BALL VALVES



DN	1/2	3/4	1"	1 1/4"	1 1/2"	2"	
Box	10	10	10	10	10	10	
Cart.	30	30	30	30	30	30	

Insulating case:
CROSS-LIN160 Polyolefin (PO)Foam
Fire resistance
ISO 3795
DIN 75200



DN	Cim 545 CR							DN	Cim 555 CR							DN	Cim 570 CR						
	Grms.	A	A1	B	C	D	D1		Grms.	A	A1	B	C	D	D1		Grms.	A	A1	B	C	D	D1
15x15	385	70	100	100	60	21,5	21,5	1/2 21x21	585	70	100	104	98	15	15	1/2	370	70	100	100	74	17	15
18x18	450	70	100	100	70	22	22	3/4 27x27	880	85	120	120	111	16	16	3/4	495	70	100	104	86	18,5	16
22x22	560	70	100	104	69	25	25	1" 34x34	1235	85	120	124	127	23	23	1"	830	85	120	120	107	21	20
28x28	845	85	120	120	77	26	26	-	-	-	-	-	-	-	1 1/4"	1155	85	120	124	117	22,5	17	
35x35	1190	85	120	124	92	34,5	34,5	-	-	-	-	-	-	-	1 1/2"	1785	100	150	148	139	23	19	
42x42	1735	100	150	148	105	35,5	35,5	-	-	-	-	-	-	-	2"	2720	100	150	155	170	26,5	20	
54x54	2655	100	150	155	120	40,5	40,5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	





FULLWAY BALL VALVE COLD PRESSURE CONNECTION SYSTEM

SERVICE RECOMMENDATIONS:

CIMPRESS ball valves are designed for direct connection to stainless steel and copper pipe work using standard cold pressure press tools. The CIMPRESS valves conform to UNI 11065 and DIN 1988 and are suitable for sanitary and heating applications and to drinking water and compressed air networks.

FOR HYDROCARBONS NETWORKS:

Cim 220 DK



Rapid

- CIMPRESS valves ensure a fast installation due to the use of standard cold pressure press tools.

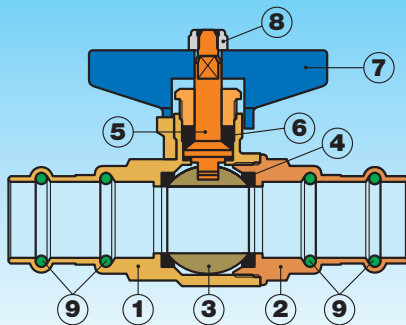
Secure and safe

- CIMPRESS valves do not require welding or brazing and thus avoid any fire risk or damage.
- Two O-rings ensure against possible leakage.

- DZR brass "CR" gives added protection against possible corrosion.

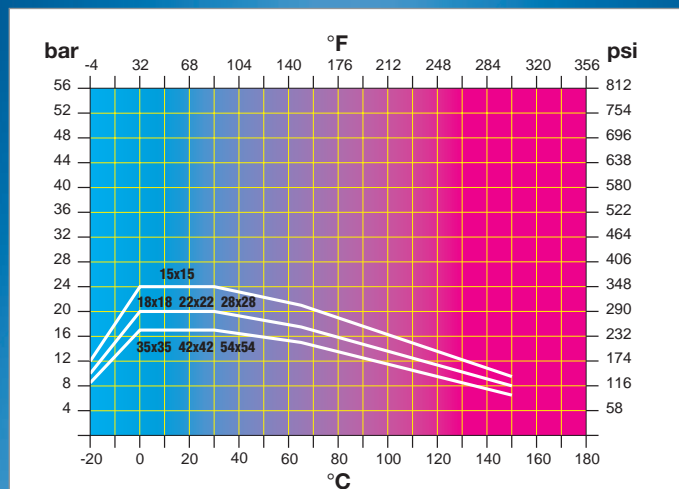
Economic

- CIMPRESS incorporates valve and pressfitting as one without the need to assemble separate components, which are potential weak/leak points and which increases labour costs.
- CIMPRESS offers versatility of application being suitable for both sanitary and heating applications, compressed air with maximum temperatures according to pressure/temperature rating shown here below.
- CIMPRESS is suitable for use with both stainless steel and copper pipe and galvanized tubes to DIN 2934/C - 8TT.2 - 34.2.

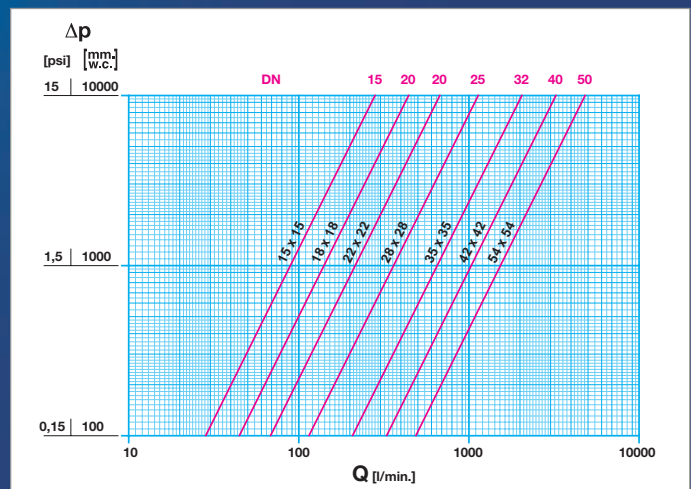


Part name	Materials
1 Body	"CR" Brass EN 12165 CW602N
2 End	"CR" Brass EN 12165 CW602N
3 Ball	"CR" Brass EN 12165 CW602N
4 Ball gasket	P.T.F.E.
5 Stem	"CR" Brass EN 12164 CW602N
6 Stem gasket	P.T.F.E.
7 Handle	EN AB 46100
8 Self locking nut	Steel
9 Seal rings	Cim 220 EPDM 70 PEROX - Cim 220DK FPM

PRESSURE/TEMPERATURE RATINGS



FLOW AND PRESSURE DROP



cim 220

cimpress "CR" PATENTED
PRESSFITTING BALL VALVE - PRESS/PRESS

cim 225



Ø PFT	15	18	22	28	35	42	54
Cim 220	30	20	20	15	8	6	3
Box Cim 220 L	30	20	20	15	8	6	3
Cim 225	20	15	15	12	6	4	2
Box Cim 225 L	20	15	15	12	6	4	2



cim 220 OT

cimpress "CR" PATENTED
BRASS HANDLE PRESS/PRESS 6/6 NYLON HANDLE

cim A220



Ø PFT	15	18	22	28	35	42	54
DN	15	20	20	25	32	40	50
Box Cim 220 OT	30	20	20	15	8	6	3
Box Cim A220	15	10	10	8	5	3	2



cim 221

cimpress "CR" PATENTED
FEMALE/PRESS

cim 241



Ø PFT	15	18	22	28	35	42	54
DN	1/2	3/4	3/4	1"	1 1/4"	1 1/2"	2"
Box Cim 221	30	20	20	15	8	6	3
Box Cim 221 L	30	20	20	15	8	6	3
Box Cim 241	20	15	15	12	4	2	2
Box Cim 241 L	20	12	12	10	4	2	2



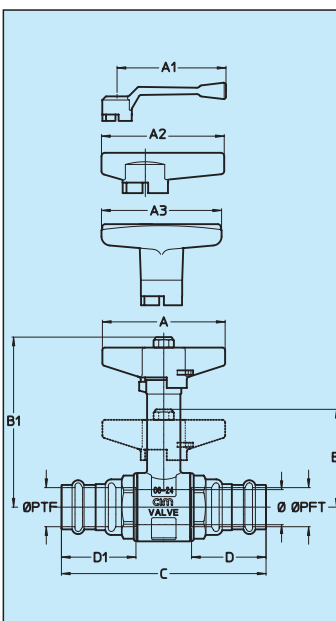
cim 222

cimpress "CR" PATENTED
MALE/PRESS

cim 242



Ø PFT	15	18	22	28	35	42	54
DN	1/2	3/4	3/4	1"	1 1/4"	1 1/2"	2"
Box Cim 222	30	20	20	15	8	6	3
Box Cim 222 L	30	20	20	15	8	6	3
Box Cim 242	20	15	15	12	6	4	2
Box Cim 242 L	20	12	12	10	6	4	2



Ø PFT	Cim 220							Cim 225							Cim 220 OT							Cim A220							
	Grms.	A	A1	B	C	D	-	Grms.	A	A1	B1	C	D	-	Grms.	A2	B	C	D	-	Grms.	A3	B1	C	D	-			
15	270	50	80	52	107	39,8	-	400	70	100	94	107	39,8	-	300	70	52	107	39,8	-	282	80	77	107	39,8	-			
18	390	70	100	56	114,5	41,3	-	505	70	100	97,5	114,5	41,3	-	430	70	56	114,5	41,3	-	390	80	81	114,5	41,3	-			
22	425	70	100	56	120	44	-	545	70	100	97,5	120	44	-	470	70	56	120	44	-	430	80	81	120	44	-			
28	600	70	100	60	127,5	44	-	800	85	120	112,5	127,5	44	-	620	70	60	127,5	44	-	607	80	85	127,5	44	-			
35	920	85	120	72,5	133,5	43	-	1100	85	120	117	133,5	43	-	995	90	72,5	133,5	43	-	913	95	95	133,5	43	-			
42	1370	100	150	88,5	155	48	-	1670	100	150	136,5	155	48	-	1485	105	88,5	155	48	-	1368	110	109	155	48	-			
54	2030	100	150	95,5	182	54	-	2430	100	150	143,5	182	54	-	2150	105	95,5	182	54	-	2030	110	116,5	182	54	-			
Ø PFT	Cim 221							Cim 241							Cim 222							Cim 242							
	DN	Grms.	A	A1	B	C	D	D1	Grms.	A	A1	B1	C	D	D1	Grms.	A	A1	B	C	D	D1	Grms.	A	A1	B1	C	D	D1
15	1/2	240	50	80	52	83,5	39,8	17	375	70	100	94	83,5	39,8	17	260	50	80	52	92	39,8	17	390	70	100	94	92	39,8	17
18	3/4	370	70	100	56	91,5	41,3	18,5	495	70	100	97,5	91,5	41,3	18,5	380	70	100	56	99,5	41,3	18	500	70	100	97,5	99,5	41,3	18
22	3/4	390	70	100	56	94,5	44	18,5	510	70	100	97,5	94,5	44	18,5	400	70	100	56	102	44	18	510	70	100	97,5	102	44	18
28	1"	600	70	100	60	105	44	21	800	85	120	112,5	105	44	21	590	70	100	60	112,5	44	21	790	85	120	112,5	112,5	44	21
35	1 1/4"	915	85	120	72,5	112,5	43	22,5	1100	85	120	117	112,5	43	22,5	950	85	120	72,5	124	43	25	1140	85	120	117	124	43	25
42	1 1/2"	1350	100	150	88,5	131	48	23	1650	100	150	136,5	131	48	23	1320	100	150	88,5	141	48	26	1620	100	150	136,5	141	48	26
54	2"	2015	100	150	95,5	152,5	54	26,5	2400	100	150	143,5	152,5	54	26,5	1990	100	150	95,5	167	54	29,5	2380	100	150	143,5	167	54	30

cim 615

WITH SPEED REDUCER HANDLE
PRESS/PRESS "CR"

cimpress
PATENTED

WITH SQUARE CAP 20x20
PRESS/PRESS "CR"

cim 220/206



Ø PFT	15	18	22	28	35	42	54
DN	15	20	20	25	32	40	50
Box Cim 615	2	2	2	2	1	1	1
Box Cim 220/206	2	2	2	2	2	2	2



cim 223

WITH DRAIN
FEMALE/PRESS

cimpress
PATENTED

WITH UNION JOINT
PRESS/UNION JOINT "CR"

cim 224



Ø PFT	15	18	22	28	35	42	54
DN	1/2	3/4	3/4	1"	1 1/4"	1 1/2"	2"
Box Cim 223	30	20	20	15	6	4	2
Box Cim 223 L	25	16	16	12	6	4	2
DN	1/2	3/4	3/4	1"	1 1/4"	1 1/2"	-
Box Cim 224	30	20	20	15	6	4	-
Box Cim 224 L	25	16	16	12	6	4	-



cim 226

WITH STRAINER
FEMALE/PRESS

cimpress
PATENTED

WITH STRAINER
COMPRESSION/PRESS

cim 227



Ø PFT	15	18	22	28	-	-	-
DN	1/2	3/4	3/4	1"	-	-	-
Box Cim 226	20	12	12	8	-	-	-
Box Cim 226 L	20	12	12	8	-	-	-
Ø PFT	15	18	22	28	-	-	-
Ø CP	15	18	22	28	-	-	-
Box Cim 227	20	12	12	8	-	-	-



cim 228

COMPRESSION/PRESS "CR"

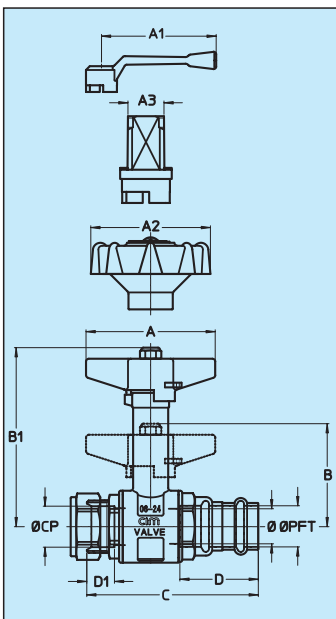
cimpress
PATENTED

COMPRESSION/PRESS "CR"

cim 219



Ø PFT	15	18	22	28	35	42	54
Ø CP	15	-	22	28	35	42	54
Box Cim 228	30	-	20	20	15	6	4
Box Cim 228 L	25	-	16	16	12	6	4
Box Cim 219	15	-	12	8	6	4	2
Box Cim 219 L	15	-	10	8	6	4	2



Ø PFT	Cim 615								Cim 220/206								Cim 223								Cim 224							
	Gms.	A2	B	C	D	-	-	-	Gms.	A3	B	C	D	-	-	-	DN	Gms.	A	A1	B	C	D	D1	Gms.	A	A1	B	C	D	D1	
15	370	80	67	107	39,8	-	-	-	345	20x20	73	107	39,8	-	-	-	1/2	300	50	80	52	84	39,8	10,5	310	50	80	52	108,5	39,8	11	
18	480	80	70	114,5	41,3	-	-	-	455	20x20	77	114,5	41,3	-	-	-	3/4	415	70	100	56	90	41,3	11	475	70	100	56	119	41,3	13	
22	518	80	71	120	44	-	-	-	490	20x20	77	120	44	-	-	-	3/4	430	70	100	56	93	44	11	495	70	100	56	121,5	44	13	
28	696	80	75	127,5	44	-	-	-	665	20x20	80	127,5	44	-	-	-	1"	620	70	100	60	106	44	14	740	70	100	60	133,5	44	14	
35	990	80	83	133,5	43	-	-	-	955	20x20	88	133,5	43	-	-	-	1 1/4"	930	85	120	72,5	118,5	43	16,5	1080	85	120	72,5	147	43	16,5	
42	1522	110	101	155	48	-	-	-	1430	20x20	100	155	48	-	-	-	1 1/2"	1340	100	150	88,5	136,5	48	18	1780	100	150	88,5	173,5	48	16	
54	2184	110	109	182	54	-	-	-	2090	20x20	105	182	54	-	-	-	2"	1930	100	150	95,5	158	54	20	-	-	-	-	-	-	-	
Ø PFT	Cim 226								Cim 227								Cim 228								Cim 219							
	DN	Gms.	A	A1	B	C	D	D1	Ø CP	Gms.	A	A1	B	C	D	D1	Ø CP	Gms.	A	A1	B	C	D	D1	Gms.	A	A1	B1	C	D	D1	
15	1/2	350	50	80	52	104	39,8	16,5	15	370	50	80	52	112	39,8	16,5	18	250	50	80	52	83,5	39,8	13	400	70	100	94	83,5	39,8	13	
18	3/4	540	70	100	56	115,5	41,3	18,5	18	540	70	100	56	123,5	41,3	18	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
22	3/4	560	70	100	56	118	44	18,5	22	590	70	100	56	126,5	44	18	22	410	70	100	56	94,5	44	15	550	70	100	97,5	94,5	44	15	
28	1"	800	70	100	60	134,5	44	21	28	840	70	100	60	143	44	21	28	580	70	100	60	102,5	44	16	800	85	120	112,5	102,5	44	16	
35	1 1/4"	-	-	-	-	-	-	-	35	-	-	-	-	-	-	-	35	940	85	120	72,5	113	43	23	1140	85	120	117	113	43	23	
42	1 1/2"	-	-	-	-	-	-	-	42	-	-	-	-	-	-	-	42	1320	100	150	88,5	132,5	48	23	1680	100	150	136,5	132,5	48	23	
54	2"	-	-	-	-	-	-	-	54	-	-	-	-	-	-	-	54	2110	100	150	95,5	154	54	26	2350	100	150	143,5	154	54	26	

cim 215

RIGHT ANGLE
FEMALE/PRESS

cimpress
PATENTED

RIGHT ANGLE
MALE/PRESS

cim 216



DN	3/4	3/4	1"	-	-	-	-
Ø PFT	18	22	28	-	-	-	-
Box Cim 215	20	18	10	-	-	-	-
Box Cim 216	20	18	10	-	-	-	-



cim 217

cimpress
POLYETHYLENE/PRESS

PATENTED

cim 214



Ø PE	20	25	25	25	32	32	32	40	50
Ø PFT	15	15	18	22	18	22	28	35	42
Box Cim 217	20	20	15	15	15	15	10	6	2
Box Cim 214		20	15	15	15	15	-	6	2



cim 218

cimpress "CR" PATENTED
PRESS/SWIVEL NUT FIXING RING/BACKET

cim 218 BR



Ø PFT	15	18	18	22	22	28	28	35	35	35	42	42	54
DN	3/4	3/4	1"	3/4	1"	1"	1 1/4"	1"	1 1/4"	1 1/2"	1 1/2"	2"	2"
Box Cim 218	20	15	15	15	15	10	10	10	6	6	4	2	2
Box Cim 218 L	16	12	12	12	12	8	8	8	6	6	2	2	2
Box Cim 218 BR	20	15	15	15	15	10	10	10	6	6	4	2	2
Box Cim 218 BRL	16	12	12	12	12	8	8	8	6	6	4	2	2



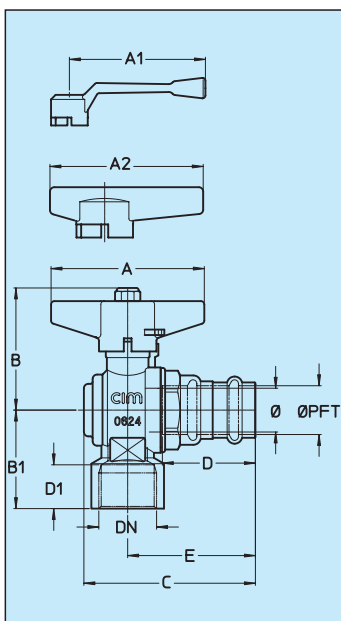
cim 244

cimpress PATENTED
WITH 4 INTAKES DRAIN AND NON RETURN VALVE

cim 244 OT



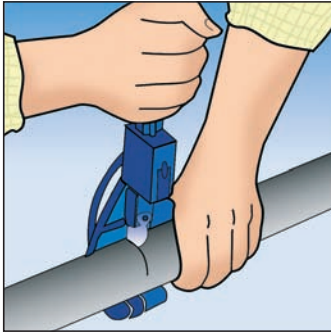
Ø PFT	15	-	18	-	22	-	28	-	-
DN	1/2	-	3/4	-	3/4	-	1	-	-
Box Cim 244	10		10		10		5		
Box Cim 244OT	10		10		10		5		



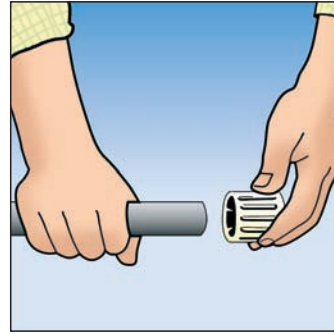
		Cim 215							Cim 216							Cim 217							Cim 214						
DN	Ø PFT	Grms.	A	B	B1	D	D1	E	Grms.	A	B	B1	D	D1	E	Ø PE	Ø PTF	Grms.	A	A1	B	C	D1	Grms.	A	B	B1	D	E
3/4	18	400	70	56	45	41,3	20	57	375	70	56	42	41,3	17	57	20	15	290	50	80	52	88	39,8	-	-	-	-	-	
3/4	22	420	70	56	45	44	20	60	390	70	56	42	44	17	60	25	15	370	50	80	52	90,5	39,8	410	50	52	45	39,8	55
1"	28	560	70	60	50,5	44	21	64	560	70	60	48	44	18	64	25	18	470	70	100	56	95	41,3	420	70	56	48	39,8	57
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	22	480	70	100	56	98	44	435	70	56	48	41,3	60
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32	18	550	70	100	56	98,5	41,3	500	70	56	50	44	62,5
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32	22	565	70	100	56	101	44	515	70	56	50	41,3	65
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32	28	710	70	100	60	109,5	44	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40	35	1170	85	120	72,5	118,5	43	975	85	72,5	61,5	44	67
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50	42	1690	100	150	88,5	137,5	48	2120	100	88,5	74	48	77,5
		Cim 218							Cim 218 BR							Cim 244 - Cim 244 OT													
Ø PFT	DN	Grms.	A	A1	B	C	D	-	Grms.	A	A1	B	C	D	-	Ø PTF	DN	Grms.	Grms.	A	B	C	D	D1	-	-	-	-	-
15	3/4	320	50	80	52	97,5	39,8	-	360	50	80	52	101,5	39,8	-			Cim 244	Cim 244 OT										
18	3/4	430	70	100	56	103,5	41,3	-	470	70	100	56	109	41,3	-			15	1/2	405	440	70	52	122	39,8	15	-	-	-
18	1	470	70	100	56	104,5	41,3	-	540	70	100	56	109,5	41,3	-			18	3/4	540	575	70	56	130	41,3	16	-	-	-
22	3/4	450	70	100	56	106	44	-	490	70	100	56	111,5	44	-			22	3/4	555	555	70	56	133	44	16	-	-	-
22	1"	490	70	100	56	107	44	-	550	70	100	56	112	44	-			28	1"	775	810	70	60	140	44	15	-	-	-
28	1"	650	70	100	60	112,5	44	-	700	70	100	60	120	44	-			-	-	-	-	-	-	-	-	-	-	-	-
28	1 1/4"	690	70	100	60	112,5	44	-	900	70	100	60	122,5	44	-			-	-	-	-	-	-	-	-	-	-	-	-
35	1"	1024	85	120	72,5	128	43	-	1090	85	120	72,5	128	43	-			-	-	-	-	-	-	-	-	-	-	-	-
35	1 1/4"	1135	85	120	72,5	130	43	-	1170	85	120	72,5	130	43	-			-	-	-	-	-	-	-	-	-	-	-	-
35	1 1/2"	1140	85	120	72,5	132	43	-	1200	85	120	72,5	132	43	-			-	-	-	-	-	-	-	-	-	-	-	-
42	1 1/2"	1675	100	150	88,5	149	48	-	1720	100	150	88,5	149	48	-			-	-	-	-	-	-	-	-	-	-	-	-
42	2"	1990	100	150	88,5	155	48	-	1930	100	150	88,5	155	48	-			-	-	-	-	-	-	-	-	-	-	-	-
54	2"	2550	100	150	95,5	174	54	-	2450	100	150	95,5	174	54	-			-	-	-	-	-	-	-	-	-	-	-	-



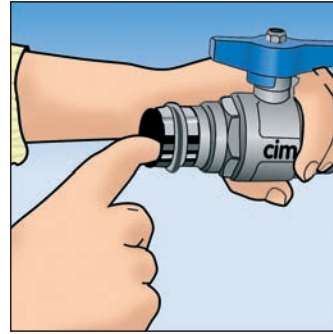
Assembling instructions



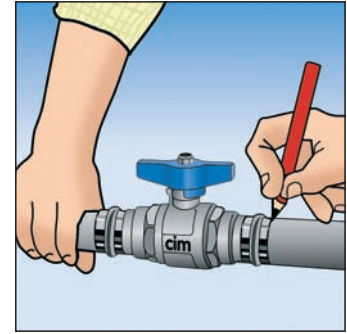
1) Cut pipe at right angle.



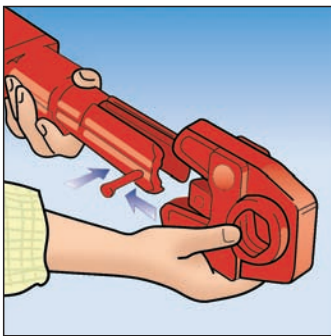
2) Remove all burr (inside and out) from the pipe end.



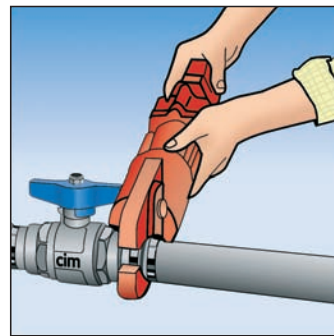
3) Check that the seal rings in the valve are placed correctly. Do not oil or grease the seal rings.



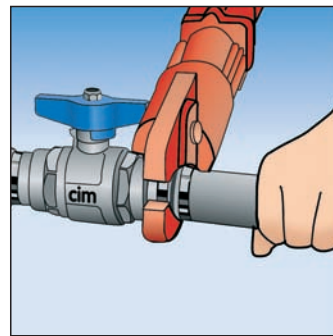
4) Insert pre-prepared pipe end into the valve and push it until the pipe stop, marking the depth of the clutch.



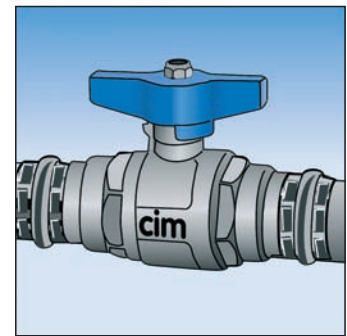
5) Fit the correct jaw for the press tool, as per here blow chart.



6) Place jaw of press tool around valve end connection, paying attention that depth of the clutch is correct (4).




7) Apply required pressure.



8) The press connection ensures a sound connection.

Jaws type

Fitting	Jaws	Profile	Sizes
	VIEGA	"V"	15÷54 mm
	NUSSBAUM	"V"	15÷54 mm
	REMS	"V"	15÷54 mm
	REMS	"SA"	15÷35 mm
	REMS	"M"	15÷35 mm
	MAPRESS	"M"	15÷35 mm
	NOVOPRESS	"M"	15÷35 mm

cim 350

cimpress "CR"

BALL VALVE DOUBLE FLAT FACE



cim 350L

DN2	3/4	1"	1 1/4"	1 1/2"	1 3/4"	2"	2 1/4"	2 3/8"
Box Cim 350	50	30	20	12	7	7	4	4
Cim 350 L	40	25	16	10	6	6	4	4
Box Cim 352	20	15	10	8	4	4	2	2
Cim 352 L	20	15	10	8	4	4	2	2

cim 352



cim 352L

cim 351

cimpress "CR"

BALL VALVE F. - FLAT FACE



cim 351L

DN1	1/2	3/4	1"	1 1/4"	1 1/2"	1 1/2"	2"	2"
DN2	3/4	1"	1 1/4"	1 1/2"	1 3/4"	2"	2 1/4"	2 3/8"
Box Cim 351	50	30	20	12	7	7	4	4
Cim 351 L	40	25	16	10	6	6	4	4
Box Cim 355	20	15	10	8	4	4	2	2
Cim 355 L	20	15	10	8	4	4	2	2

cim 355

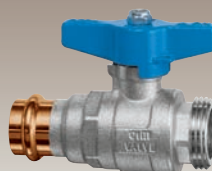


cim 355L

cim 358

cimpress "CR"

BALL VALVE PRESS - FLAT FACE



cim 358L

Ø PFT	15	18	22	28	35	42	42	54	54
DN2	3/4	1"	1"	1 1/4"	1 1/2"	1 3/4"	2"	2 1/4"	2 3/8"
Box Cim 358	20		15	10	6	6	2	2	2
Cim 358 L	16		12	10	6	6	2	2	2
Box Cim 359	15		12	10	6	6	2	2	2
Cim 359 L	15		12	10	6	6	2	2	2

cim 359



cim 359L

cim 360

cimpress "CR"

BALL VALVE COPPER - FLAT FACE



cim 360L

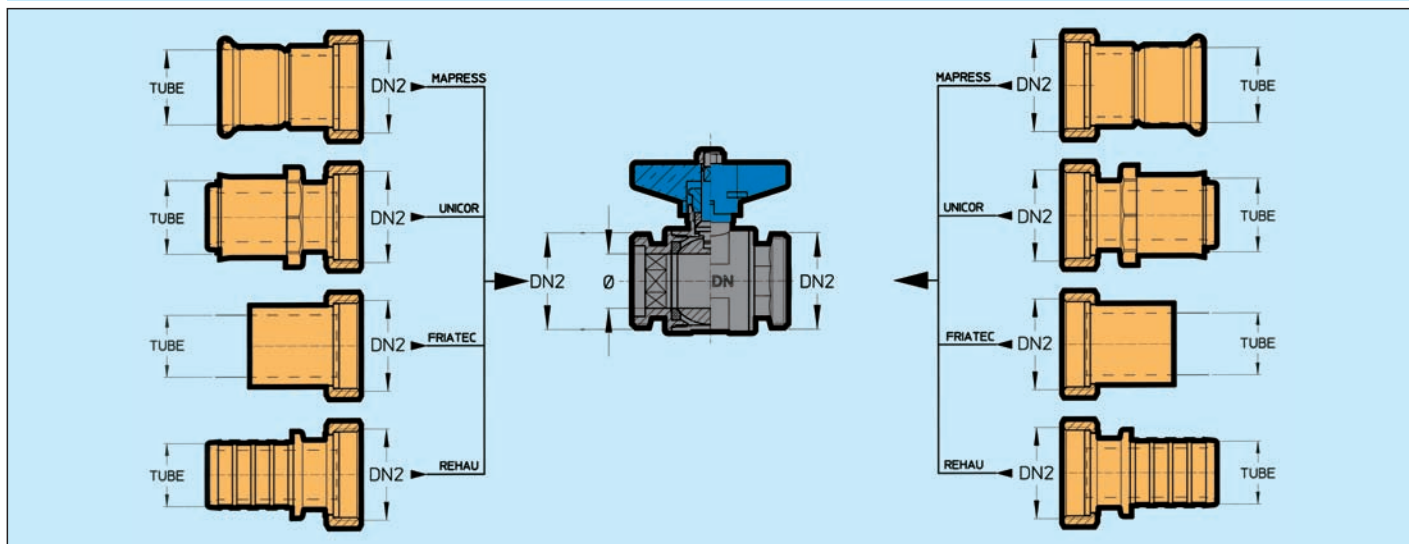
DN1	15	22	28	35	42	42	54	54
DN2	3/4	1"	1 1/4"	1 1/2"	1 3/4"	2"	2 1/4"	2 3/8"
Box Cim 360	50	30	20	12	7	7	4	4
Cim 360 L	40	25	16	10	6	6	4	4
Box Cim 361	20	15	10	8	4	4	2	2
Cim 361 L	20	15	10	8	4	4	2	2

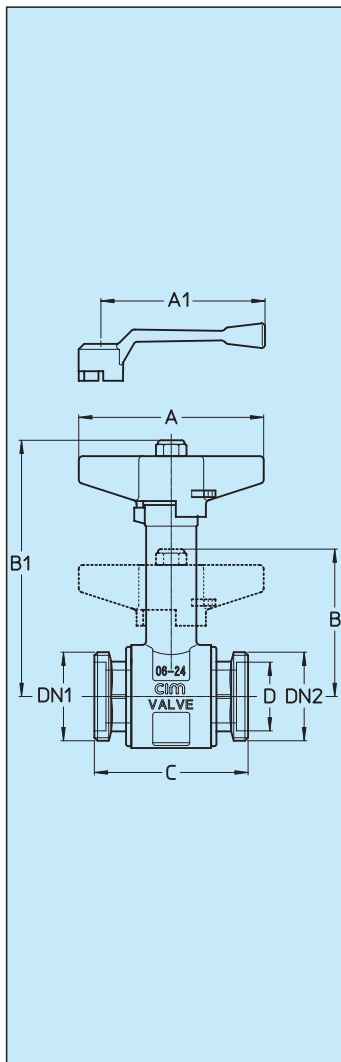
cim 361



cim 361L

EXAMPLES OF USE





Cim 350								Cim 352					
DN1	DN2	Grms.	A	A1	B	C	D (Ø)	Grms.	A	A1	B	C	D (Ø)
3/4"	3/4"	220	50	80	52	57	17,5	340	70	100	94	57	17,5
1"	1"	360	70	100	56	64	23	470	70	100	98	64	23
1 1/4"	1 1/4"	550	70	100	60	70	27,5	725	85	120	113	70	27,5
1 1/2"	1 1/2"	850	85	120	73	82	35	990	85	120	117	82	35
1 3/4"	1 3/4"	1320	100	150	89	107,5	40	1550	100	150	136	107,5	40
2"	2"	1440	100	150	89	107,5	40	1665	100	150	136	107,5	40
2 1/4"	2 1/4"	2060	100	150	96	129	51	2260	100	150	144	129	51
2 3/8"	2 3/8"	2100	100	150	96	129	51	2330	100	150	144	129	51
Cim 351								Cim 355					
DN1	DN2	Grms.	A	A1	B	C	D (Ø)	Grms.	A	A1	B	C	D (Ø)
1/2"	3/4"	215	50	80	52	59	17,5	340	70	100	94	59	17,5
3/4"	1"	355	70	100	56	66	23	470	70	100	98	66,5	23
1"	1 1/4"	540	70	100	60	76	27,5	750	85	120	113	76	27,5
1 1/4"	1 1/2"	855	85	120	73	88	35	1035	85	120	117	87	35
1 1/2"	1 3/4"	1270	100	150	89	107	40	1610	100	150	136	107	40
1 1/2"	2"	1360	100	150	89	107	40	1675	100	150	136	107	40
2"	2 1/4"	1945	100	150	96	127	51	2360	100	150	144	127	51
2"	2 3/8"	1985	100	150	96	127	51	2400	100	150	144	127	51
Cim 358								Cim 359					
DN1	DN2	Grms.	A	A1	B	C	D (Ø)	Grms.	A	A1	B	C	D (Ø)
15	3/4"	235	50	80	52	82	17,5	365	70	100	94	82	17,5
18	1"	370	70	100	56	89,5	23	500	70	100	98	89	23
22	1"	400	70	100	56	92	23	505	70	100	98	92	23
28	1 1/4"	570	70	100	60	99	27,5	760	85	120	113	99	27,5
35	1 1/2"	870	85	120	73	107,5	35	1055	85	120	117	108	35
42	1 3/4"	1310	100	150	89	131,5	40	1615	100	150	136	131,3	40
42	2"	1370	100	150	89	131,5	40	1675	100	150	136	131,3	40
54	2 1/4"	1950	100	150	96	155	51	2335	100	150	144	154,5	51
54	2 3/8"	1990	100	150	96	155	51	2370	100	150	144	154,5	51
Cim 360								Cim 361					
DN1	DN2	Grms.	A	A1	B	C	D (Ø)	Grms.	A	A1	B	C	D (Ø)
15	3/4"	230	50	80	52	58,5	17,5	360	70	100	94	58,5	17,5
22	1"	370	70	100	56	66,5	23	510	70	100	98	66,5	23
28	1 1/4"	590	70	100	60	73,5	27,5	750	85	120	113	73,5	27,5
35	1 1/2"	870	85	120	73	87	35	1080	85	120	117	87	35
42	1 3/4"	1352	100	150	89	106,5	40	1690	100	150	136	106,5	40
42	2"	1382	100	150	89	106,5	40	1755	100	150	136	106,5	40
54	2 1/4"	2060	100	150	96	126,5	51	2455	100	150	144	126,5	51
54	2 3/8"	2100	100	150	96	126,5	51	2495	100	150	144	126,5	51

To build SEA GIANT "QUEEN MARY 2", ALSTOM Marine has chosen CIMBERIO **cimpress** series



Foto ALSTOM Marine / Bernard BIGER

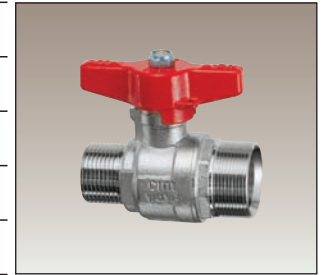
The QUEEN MARY 2 sailing from St. Nazaire on 23rd December 2003



cim 312 FAR FEMALE/FAR **cimfar** **PATENTED** MALE/FAR **cim 301/12 FAR**



DN	1/2x1/2 FAR	3/4x3/4 FAR	1"x1" FAR
Box	50	30	20
Cart.	200	120	80



cim 502 FAR FEMALE/FAR **cimfar** **PATENTED** MALE/FAR **cim 530 FAR**



DN	1/2x1/2 FAR	3/4x3/4 FAR	1"x1" FAR
Box	20	15	10
Cart.	80	60	40



cim 620 FAR WITH STRAINER FEMALE/FAR **cimfar** **PATENTED** FAR/SWIVEL NUT **cim 205 FAR**



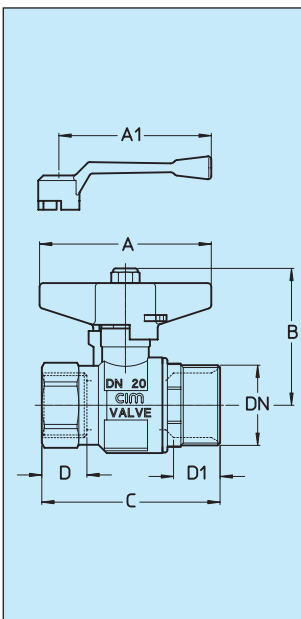
DN	1/2x1/2 FAR	3/4x3/4 FAR	1"x1" FAR
Box Cim 620 FAR	25	15	10
DN	1/2 FAR x 1/2	3/4 FAR x 3/4	1" FAR x 1"
Box Cim 205 FAR	30	30	16



cim 309 FAR COMPRESSION/FAR **cimfar** **PATENTED** UNION/FAR **cim 346 FAR**



DN	15x1/2 FAR	22x3/4 FAR	28x1" FAR
Box Cim 309 FAR	30	20	15
DN	1/2 x 1/2 FAR	3/4 x 3/4 FAR	1" x 1" FAR
Box Cim 346 FAR	35	24	15



DN	Cim 312 FAR						Cim 301/12 FAR					Cim 502 FAR					Cim 530 FAR							
	Grms.	A	B	C	D	D1	Grms.	A	B	C	D	D1	Grms.	A	B	C	D	D1	Grms.	A	B	C	D	D1
1/2 x 1/2 FAR	210	50	52	64	17	15,5	225	50	52	65	15,5	15,5	355	70	94	64	17	15,5	360	70	94	75	17	15,5
3/4x3/4 FAR	350	70	56	73	18,5	19	350	70	56	72,5	14	19	485	70	97,5	73	18,5	19	485	70	97,5	81	18	19
1" x 1" FAR	565	70	60	88	21	20	570	70	60	80,5	14	20	835	85	112,5	88	21	20	820	85	112,5	95	21	20
DN	Cim 620 FAR						Cim 205 FAR					Cim 309 FAR					Cim 346 FAR							
	Grms.	A	B	C	D	D1	Grms.	A	B	C	D	D1	Grms.	A	B	C	D	D1	Grms.	A	B	C	D	D1
1/2 x 1/2 FAR	330	50	52	84	16,5	15,5	-	-	-	-	-	-	-	-	-	-	-	-	300	50	52	94	11	15,5
3/4 x 3/4 FAR	530	70	56	96,5	18,5	19	-	-	-	-	-	-	-	-	-	-	-	-	470	70	56	100	13	19
1" x 1" FAR	710	70	60	117	21	20	-	-	-	-	-	-	-	-	-	-	-	-	760	70	60	115	14	20
1/2 FAR x 1/2	-	-	-	-	-	-	265	50	52	68	9	15,5	-	-	-	-	-	-	-	-	-	-	-	-
3/4 FAR x 3/4	-	-	-	-	-	-	440	70	56	80,5	10	19	-	-	-	-	-	-	-	-	-	-	-	-
1" FAR x 1"	-	-	-	-	-	-	630	70	60	95	11	20	-	-	-	-	-	-	-	-	-	-	-	-
15 x 1/2 FAR	-	-	-	-	-	-	-	-	-	-	-	-	245	50	52	71	21,5	15,5	-	-	-	-	-	-
22 x 3/4 FAR	-	-	-	-	-	-	-	-	-	-	-	-	390	70	56	81,5	25	19	-	-	-	-	-	-
28 x 1" FAR	-	-	-	-	-	-	-	-	-	-	-	-	650	70	60	94	26	20	-	-	-	-	-	-

FAR ADAPTERS - PLASTIC PIPE



Art.	Derivation	Sizes
P1	Nicoper	8x12
P2	Polietilene	8x12
P3	Polietilene	9x12
P4	Nicoper S	10x14
P5	Polietilene	10x15
P6	Acorn	11x15
P7	Meppla/Welco Valsir	11x16
P8	Rehau	11,6x16
P9	Nicoper/Waluterm	12x16
P10	Nicoper/Waluterm	13x16

Art.	Derivation	Sizes
P11	Fusiostabi	13x17
P12	Rehau	13x17,7
P13	Rehau	10,6x17,8
P14	Polietilene	13x18
P15	Nicoper	14x18
P16	Nupi/Tech	13x20
P17	Nupi/Tech	14x20
P18	Valsir/Welco	15x20
P19	Valsir/Welco	16x20

box: 10 pcs.

P

FAR ADAPTERS - MULTILAYER PIPE



Art.	Sizes
M1	14x2
M2	16x2
M3	16x2,25
M4	18x2
M5	20x2
M6	20x2,25
M7	20x2,5
M8	25x2,5
M9	26x3
M10	32x3

M

FAR ADAPTERS - COPPER PIPE



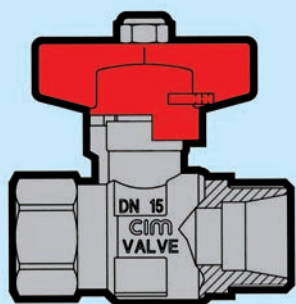
Art.	Sizes
R1	Ø 10
R2	Ø 12
R3	Ø 14
R4	Ø 15
R5	Ø 16

box: 10 pcs.

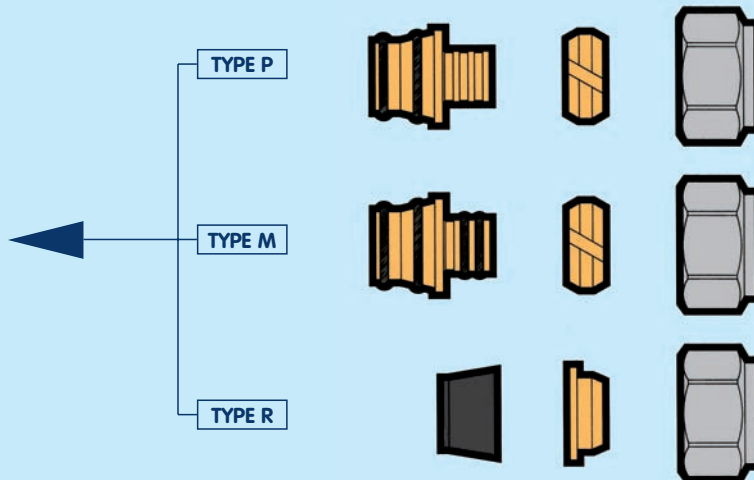
R

VALVE MATCH TO ADAPTORS

1/2 FAR: from P1 to P19 3/4 FAR: from M8 to M9
from M1 to M7 from R1 to R5 1" FAR: M10



cim 312 FAR



WHEN PLACING AN ORDER, PLEASE STATE VALVE CODE + ADAPTOR CORDE: **CIM 312/FAR + P1**



cimpush®

PATENT PENDING

QUICK CONNECTION SYSTEM FOR COPPER - CPVC - POLYBUTHYLENE - PEX PIPE

The **cimpush** system ensures fast installation, with quick connection of copper - CPVC - Polybutylene and Pex pipes, using a single valve model.

The **cimpush** range, available in sizes 1/2" (15mm and 16mm) 3/4" (22mm) and 1" (28mm) can be used in total safety on heating, potable water and sanitation systems (max 16 BAR/90°C).

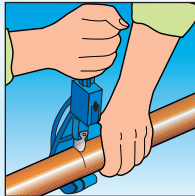
The **cimpush** system guarantees:

FAST INSTALLATION: pipe connection is made by inserting the pipe into the integrated valve fitting, the internal O-ring guarantees no leaking and the special fixing ring firmly locks the pipe. No tools, no glue, no soldering and no brazing are required.

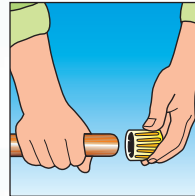
SAFETY: The **push** ball valves series with integrated fittings ensures greater safety and easier installation; the ability to rotate the pipe within the fitting allows fine adjustments - even in tight spaces.

COST EFFECTIVE: as well as fast installation, stock can be kept to a minimum: COPPER, CPVC, PED and POLYBUTHYLENE PIPES can all be connected using a single valve. (IMPORTANT: when connecting Ped and Polybutylene pipes, the appropriate inserts must be used).

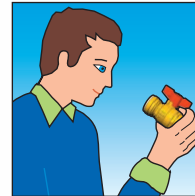
Assembling instructions



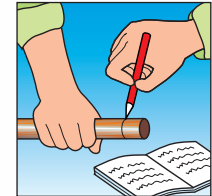
1. Cut the copper pipe at a right angle using a pipe cutter, check that the pipe is cut squarely and that the pipe is not oval shaped (especially with annealed pipe).



2. De-burr the inside and outside of the pipe, to remove any sharp edges.

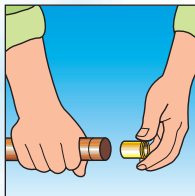


3. Check that the inner surface of the valve and the outer surface of the pipe are clean. No lubrication is required.

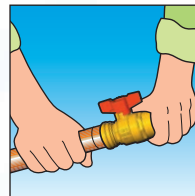


4. Mark the depth of engagement on the pipe.

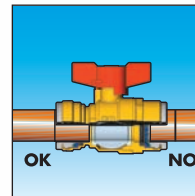
DN.1/2"	mm 20.5
DN.3/4"	mm 23
DN.1"	mm 28.5



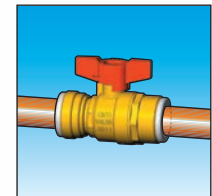
5. IMPORTANT
When using Pex Pipe or Polubutylene, BEFORE connecting the pipe to the CIMPUSH valve, it is necessary to insert appropriate INSERT into the end of the pipe.



6. Insert the pipe by pushing firmly with a twisting action until it fits tight against the base of the valve end.



7. Ensure that the safe-seal depth mark corresponds with the mouth of the fitting. (See point 4).

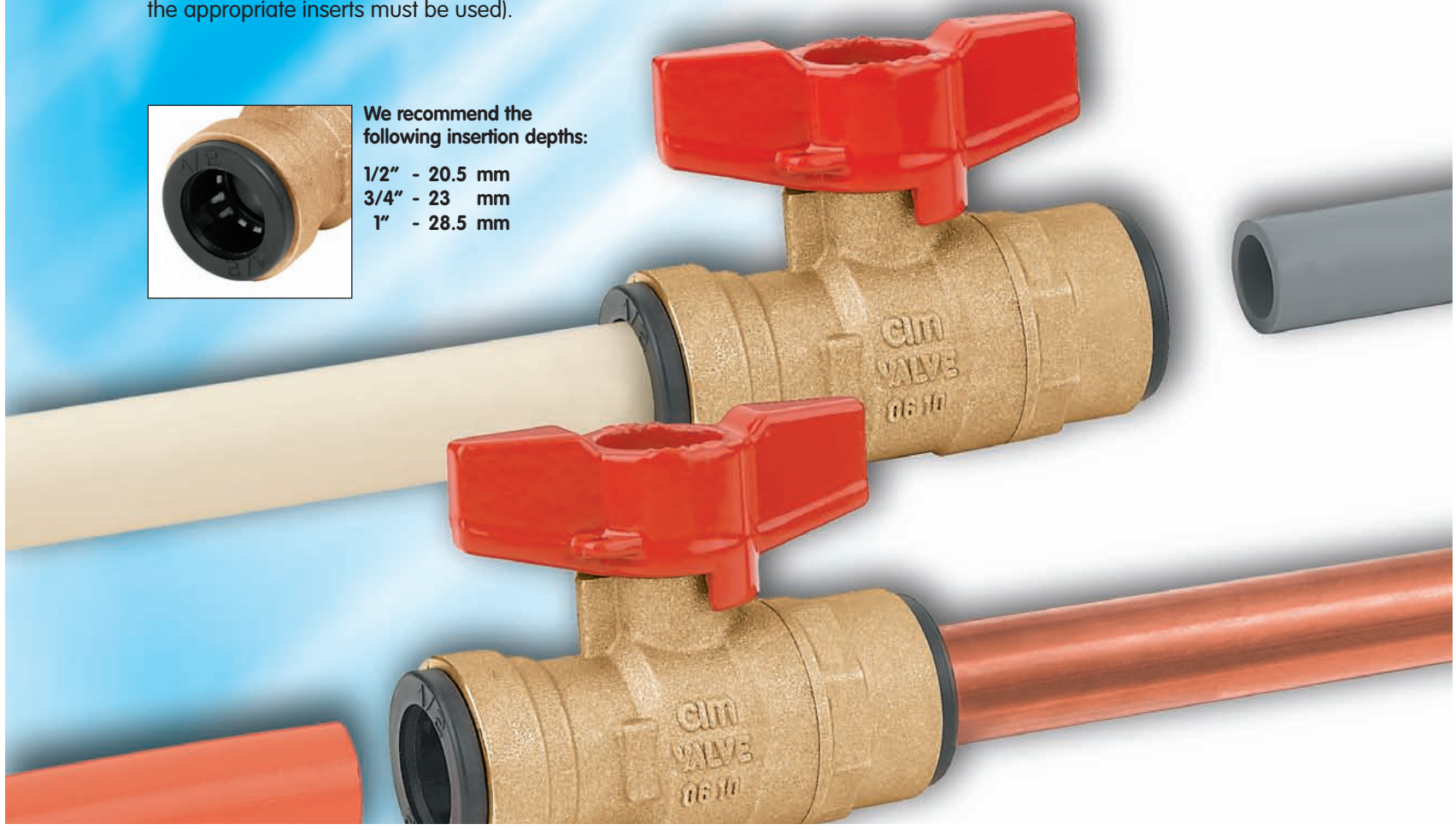


8. Connection is completed. The CIMPUSH system guarantees rapid connection of different types of pipe with a safe, cost effective and easy to use single valve - CIMPUSH.



We recommend the following insertion depths:

1/2" - 20.5 mm
3/4" - 23 mm
1" - 28.5 mm

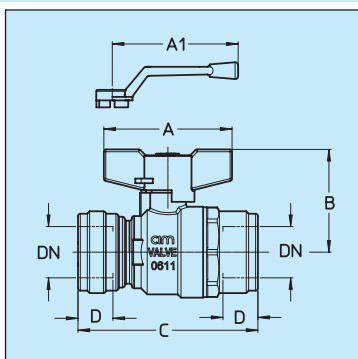


cim 820

FULLWAY BALL VALVE WITH PUSH/PUSH ENDS



mm x mm	15x15	16x16	22x22	28x28
Box Cim 820	15	15	10	16
Box Cim 820 L	15	15	10	16
Grms.	216	213	300	535
A	55	55	55	75
A1	90	90	90	110
B	39,8	39,8	44,3	49,5
C	68	68	77	96
D	20,5	20,5	23	28,5

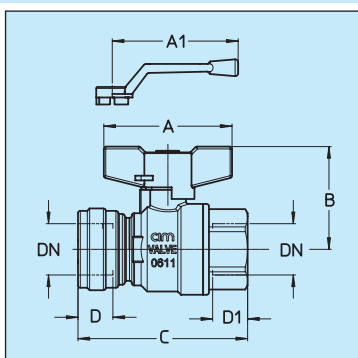


cim 821

FULLWAY BALL VALVE WITH PUSH/FEMALE ENDS



mm x DN	15x1/2	16x1/2	22x3/4	28x1"
Box Cim 821	15	15	10	16
Box Cim 821 L	15	15	10	16
Grms.	192	190	297	486
A	55	55	55	75
A1	90	90	90	110
B	39,8	39,8	44,3	49,5
C	65	65	73	89,5
D	20,5	20,5	23	28,5
D1	17,5	17,5	19	22

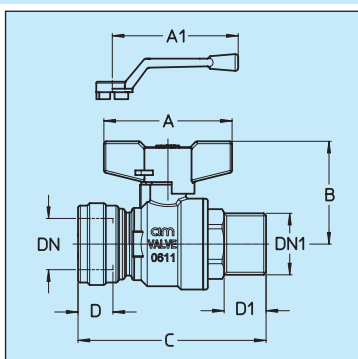


cim 822

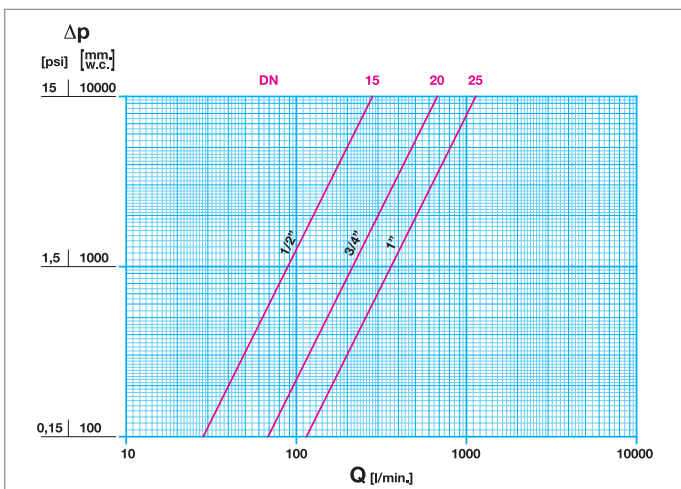
FULLWAY BALL VALVE WITH PUSH/MALE ENDS



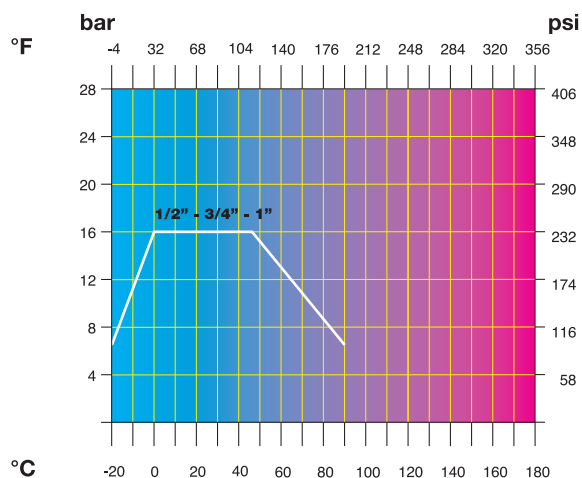
mm x DN	15x1/2	16x1/2	22x3/4	28x1"
Box Cim 822	15	15	10	16
Box Cim 822 L	15	15	10	16
Grms.	200	198	304	508
A	55	55	55	75
A1	90	90	90	110
B	39,8	39,8	44,3	49,5
C	72,5	72,5	81	96,5
D	20,5	20,5	23	28,5
D1	17	17	18	21



PRESSURE / TEMPERATURE RATINGS



FLOW AND PRESSURE DROP



cim 229**RIGHT ANGLE FULLWAY BALL VALVE - T 10 SERIES - PN 40**
FEMALE/FEMALE**cim 230**

DN	1/2x1/2	3/4x3/4	1"x1"
Box	30	18	10
Cart.	120	72	40

**cim 231****RIGHT ANGLE FULLWAY BALL VALVE - T 10 SERIES - PN 40**
MALE/FEMALE**cim 232**

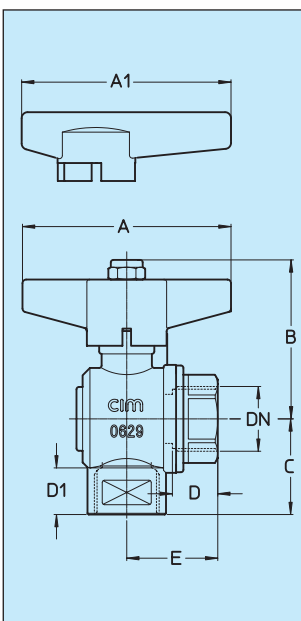
DN	1/2x1/2	3/4x3/4	1"x1"
Box	30	18	10
Cart.	120	72	40

**cim 229 OT****RIGHT ANGLE FULLWAY BALL VALVE - T 10 SERIES - PN 40**
FEMALE/FEMALE**cim 230 OT**

DN	1/2x1/2	3/4x3/4	1"x1"
Box	30	18	10
Cart.	120	72	40

**cim 231 OT****RIGHT ANGLE FULLWAY BALL VALVE - T 10 SERIES - PN 40**
MALE/FEMALE**cim 232 OT**

DN	1/2x1/2	3/4x3/4	1"x1"
Box	30	18	10
Cart.	120	72	40



DN	Cim 229							Cim 230							Cim 231							Cim 232						
	Grms.	A	B	C	D	D1	E	Grms.	A	B	C	D	D1	E	Grms.	A	B	C	D	D1	E	Grms.	A	B	C	D	D1	E
1/2 x 1/2	265	70	53	35	16	17	31	285	70	53	35	16	17	38,5	265	70	53	35	16	17	31	285	70	53	35	16	17	38,5
3/4 x 3/4	545	85	65	39	18	18	37	565	85	65	39	18	18	48	545	85	65	42	18	18	37	565	85	65	42	18	18	48
1" x 1"	755	85	69	47	22	22	44	780	85	69	47	21	22	52	755	85	69	49	22	22	44	780	85	69	49	21	22	52
DN	Cim 229 OT							Cim 230 OT							Cim 231 OT							Cim 232 OT						
	Grms.	A1	B	C	D	D1	E	Grms.	A1	B	C	D	D1	E	Grms.	A1	B	C	D	D1	E	Grms.	A1	B	C	D	D1	E
1/2 x 1/2	295	70	53	35	16	17	31	315	70	53	35	16	17	38,5	295	70	77,5	35	16	17	31	315	70	77,5	35	16	17	38,5
3/4 x 3/4	600	90	65	39	18	18	37	620	90	65	39	18	18	48	600	90	87,8	42	18	18	37	620	90	87,8	42	18	18	48
1" x 1"	810	90	69	47	22	22	44	835	90	69	47	21	22	52	810	90	91,8	49	22	22	44	835	90	91,8	49	21	22	52

cim 234

RIGHT ANGLE FULLWAY BALL VALVE - T 12 SERIES - PN 32 FEMALE/FEMALE FEMALE/MALE

cim 235



DN		3/4x3/4	1"x1"
Box		18	10
Cart.		72	40



cim 236

RIGHT ANGLE FULLWAY BALL VALVE - T 12 SERIES - PN 32 MALE/FEMALE MALE/MALE

cim 237



DN	1/2x1/2	3/4x3/4	1"x1"
Box	35	18	10
Cart.	140	72	40



cim 238

RIGHT ANGLE FULLWAY BALL VALVE - T 12 SERIES - PN 32 FEMALE/UNION JOINT MALE/ UNION JOINT

cim 239



DN	1/2x1/2	3/4x3/4	1"x1"
Box	20	20	12
Cart.	80	80	48



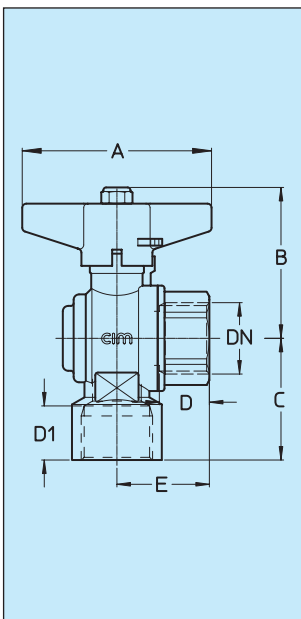
cim 245

RIGHT ANGLE FULLWAY BALL VALVE - T 12 SERIES - PN 32 FEMALE/COMPRESSION MALE/COMPRESSION

cim 249



DN	1/2x15	3/4x22	1"x28
Box	25	18	10
Cart.	100	72	40

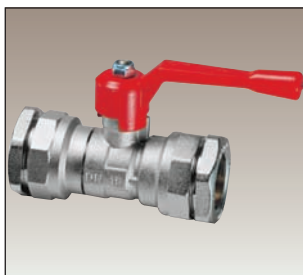


DN	Cim 234							Cim 235							Cim 236							Cim 237						
	Grms.	A	B	C	D	D1	E	Grms.	A	B	C	D	D1	E	Grms.	A	B	C	D	D1	E	Grms.	A	B	C	D	D1	E
1/2x1/2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	210	50	52	35	12,5	15	26	230	50	52	35	17	15	39
3/4x3/4	390	70	56	45	19	20	34	390	70	56	45	18	20	42	390	70	56	42	19	17	34	390	70	56	42	18	17	42
1"x1"	535	70	60	48	21	18	41	520	70	60	48	21	18	49	535	70	60	48	21	18	41	520	70	60	48	21	18	49
DN	Cim 238							Cim 239							Cim 245							Cim 249						
	Grms.	A	B	C	D	D1	E	Grms.	A	B	C	D	D1	E	Grms.	A	B	C	D1	D2	E	Grms.	A	B	C	D1	D2	E
1/2x15	-	-	-	-	-	-	-	285	50	52	35	10	15	54,5	-	-	-	-	-	-	-	240	50	52	35	21,5	15	38
3/4x3/4	490	70	56	45	13	20	63	490	70	56	42	13	17	63	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1"x1"	670	70	60	48	14	18	71	670	70	60	48	14	18	71	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3/4x22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	430	70	56	45	25	20	43	430	70	56	42	25	17	43
1"x28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	535	70	60	48	26	18	47,5	535	70	60	48	26	18	47,5

cim 280

BALL VALVE - POLYETHYLENE/POLYETHYLENE ENDS - T 12 SERIES

cim 380



PE x PE		20x20	25x25		25x25	32x32		
Ø mm.		15	15		20	20		
Box		25	20		15	15		
Cart.		100	80		60	60		



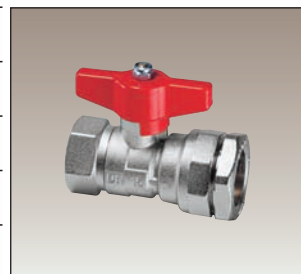
cim 281

BALL VALVE - FEMALE/POLYETHYLENE ENDS - T 12 SERIES

cim 381



DN x PE		1/2x20	3/4x20	1/2x25	3/4x25	1"x25	1"x32	1 1/4"x40	1 1/2"x50
Ø mm.		15	15	15	20	20	25	32	40
Box		30	30	25	15	15	10	6	4
Cart.		120	120	100	60	60	40	24	16



cim 282

BALL VALVE-MALE/POLYETHYLENE ENDS - T 12 SERIES

cim 382



DN x PE		1/2x20	3/4x20	1/2x25	3/4x25	1"x25	1"x32	1 1/4"x40	1 1/2"x50
Ø mm.		15	15	15	20	20	25	32	40
Box		30	30	25	15	15	10	6	4
Cart.		120	120	100	60	60	40	24	16



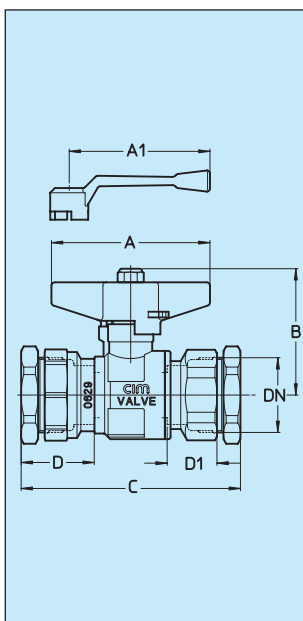
cim 291

BALL VALVE -COMPRESSION/POLYETHYLENE ENDS - T 12 SERIES

cim 391



DN x PE		15x20		15x25		22x25	22x32	28x32
Ø mm.		15		15		20	20	25
Box		30		15		15	15	10
Cart.		120		100		60	60	40



Ø TR	Cim 280 - Cim 380							Cim 281 - Cim 381							Cim 282 - Cim 382							Cim 291 - Cim 391							
	Grms.	A	A1	B	C	D	D1	Grms.	A	A1	B	C	D	D1	Grms.	A	A1	B	C	D	D1	Grms.	A	A1	B	C	D	D1	
20x20	335	50	80	52	69	21	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25x25	445	70	80	52	74	22	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25x25	535	70	100	56	76	22	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32x32	705	70	100	56	84	25	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1/2x20	-	-	-	-	-	-	-	275	50	80	52	65	17	21	260	50	80	52	73	17	21	-	-	-	-	-	-	-	-
3/4x20	-	-	-	-	-	-	-	280	50	80	52	68	18,5	21	280	50	80	52	74	18	21	-	-	-	-	-	-	-	-
1/2x25	-	-	-	-	-	-	-	340	50	80	52	67	17	22	350	50	80	52	75,5	17	22	-	-	-	-	-	-	-	-
3/4x25	-	-	-	-	-	-	-	465	70	100	56	72	18,5	22	460	70	100	56	80	18	22	-	-	-	-	-	-	-	-
1"x25	-	-	-	-	-	-	-	520	70	100	56	79	24,5	22	500	70	100	56	82	20	22	-	-	-	-	-	-	-	-
1"x32	-	-	-	-	-	-	-	590	70	100	60	86,5	24,5	25	820	70	100	60	94	20	25	-	-	-	-	-	-	-	-
1 1/4"x40	-	-	-	-	-	-	-	1205	85	120	73	97,5	22,5	28	1235	85	120	73	109	25	28	-	-	-	-	-	-	-	-
1 1/2"x50	-	-	-	-	-	-	-	1355	100	150	89	113	23	30	1330	100	150	89	123,5	26	30	-	-	-	-	-	-	-	-
15x20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	275	50	80	52	65	21	-	
15x25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	365	50	80	52	67	22	-	
22x25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	500	70	100	56	72,5	22	-	
22x32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	590	70	100	56	76	25	-	
28x32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	835	70	100	60	84	25	-	

cim 620

"FILTRASFERA" - FULLWAY BALL VALVE WITH STRAINER FEMALE/FEMALE PATENTED MALE/FEMALE

cim 620 MA



DN	1/2	3/4	1"	STRAINER
				strainer 0,65 mm.
Box	25	15	10	
Cart.	100	60	40	
				strainer 0,25 mm.



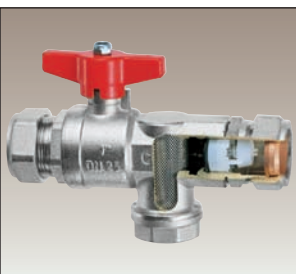
cim 621

"FILTRASFERA" - FULLWAY BALL VALVE WITH STRAINER AND NON RETURN VALVE FEMALE/FEMALE PATENTED COMPRESSION/COMPRESSION

cim 628



DN	1/2	3/4	1"	STRAINER
				strainer 0,65 mm.
Box	25	15	10	
				strainer 0,25 mm.
DN	15x15	22x22	28x28	
				strainer 0,65 mm.
Box	15	10	8	



cim 629

"FILTRASFERA" - FULLWAY BALL VALVE WITH STRAINER FEMALE/COMPRESSION PATENTED COMPRESSION/COMPRESSION

cim 623



DN	1/2x15	3/4x22	1"x28	STRAINER
				strainer 0,65 mm.
Box	25	15	10	
DN	15x15	22x22	28x28	
				strainer 0,65 mm.
Box	15	15	8	



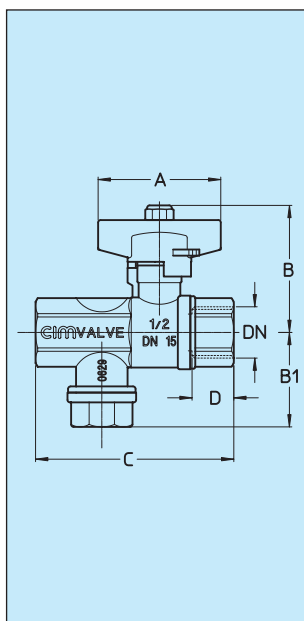
cim 630

cim 630 - FULLWAY BALL VALVE WITH STRAINER, DRAIN COCK, BRASS CAP AND CHAIN cim 631 - FULLWAY BALL VALVE CIM 630 WITH NON RETURN VALVE, BRASS CAP AND CHAIN

cim 631

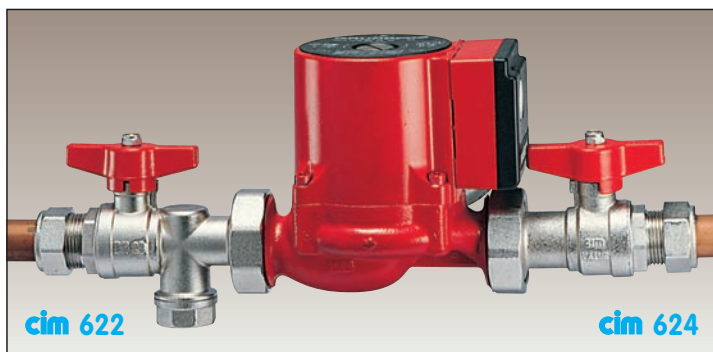


DN	1/2	3/4	1"	STRAINER
				strainer 0,65 mm.
Box	20	12	8	
				strainer 0,65 mm.



DN	Cim 620						Cim 620 MA						Cim 621						Cim 628							
	Grms.	A	B	B1	C	D	Grms.	A	B	B1	C	D	Grms.	A	B	B1	C	D	Grms.	A	B	B1	C	D		
1/2	320	50	52	39	81	17	320	50	52	39	89	17	400	50	52	39	101	17	-	-	-	-	-	-		
3/4	520	70	56	43	92	19	520	70	56	43	100	18	585	70	56	43	117	19	-	-	-	-	-	-		
1"	685	70	60	50	112	21	685	70	60	50	119	21	840	70	60	50	141	21	-	-	-	-	-	-		
15x15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	405	50	52	39	112	21,5	
22x22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	710	70	56	43	132	25	
28x28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	990	70	60	50	150	26	
DN	Cim 623						Cim 629						Cim 630 - Cim 630 PLA						Cim 631 - Cim 631 PLA							
	Grms.	A	B	B1	C	D	Grms.	A	B	B1	C	D	Grms.	Grms.	A	B	B1	C	D	Grms.	Grms.	A	B	B1	C	D
15x15	360	50	52	39	97	21,5	460	50	52	39	115	21,5	630	630 PLA	-	-	-	-	-	631	631 PLA	-	-	-	-	
22x22	600	70	56	43	110	25	760	70	56	43	142	25	-	-	-	-	-	-	-	-	-	-	-	-		
28x28	860	70	60	50	127	26	1005	70	60	50	160	26	-	-	-	-	-	-	-	-	-	-	-	-		
1/2	-	-	-	-	-	-	-	-	-	-	-	-	500	485	50	52	70	81	17	680	665	50	52	70	101	17
3/4	-	-	-	-	-	-	-	-	-	-	-	-	710	695	70	56	75	92	19	775	760	70	56	75	117	19
1"	-	-	-	-	-	-	-	-	-	-	-	-	965	950	70	60	100	112	21	1115	1100	70	60	100	141	21

filtracim



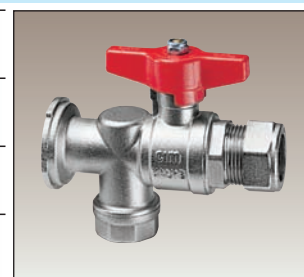
cim 622

BALL VALVE WITH FILTER FOR PUMPS - COMPRESSION ENDS - PN 32

cim 622 SC



DN	Cim 622 22x1 1/2" nut	Cim 622 SC 22x1" w/o nut
Box	10	10
Cart.	40	40



cim 626

BALL VALVE WITH FILTER FOR PUMPS - FEMALE ENDS - PN 32

cim 626 SC



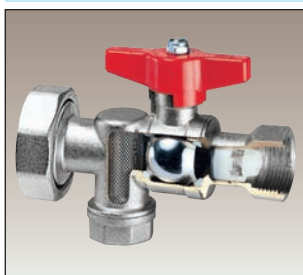
DN	Cim 626 3/4x1 1/2" nut	Cim 626 SC 3/4x1" w/o nut
Box	10	10
Cart.	40	40



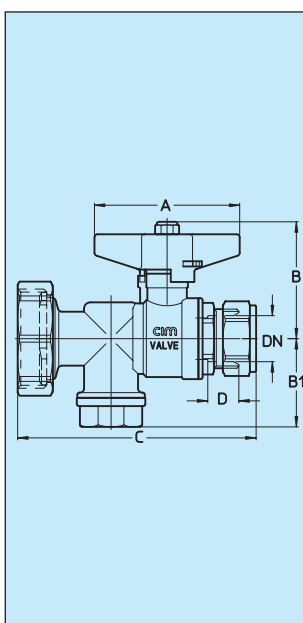
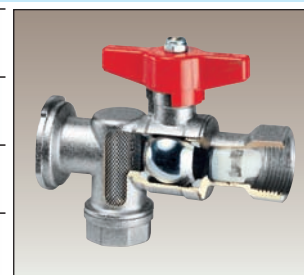
cim 627

BALL VALVE WITH FILTER AND NON RETURN VALVE FOR PUMPS - PN 32

cim 627 SC



DN	Cim 627 3/4x1 1/2" nut	Cim 627 SC 3/4x1" w/o nut
Box	10	10
Cart.	40	40



DN	Cim 622						Cim 622 SC						Cim 626					
	Grms.	A	B	B1	C	D	Grms.	A	B	B1	C	D	Grms.	A	B	B1	C	D
22x1 1/2" nut	635	70	56	43	105	25	-	-	-	-	-	-	-	-	-	-	-	-
22x1" w/o nut	-	-	-	-	-	-	555	70	56	43	105	25	-	-	-	-	-	-
3/4x1 1/2" nut	-	-	-	-	-	-	-	-	-	-	-	-	515	70	56	43	96	19
DN	Cim 626 SC						Cim 627						Cim 627 SC					
	Grms.	A	B	B1	C	D	Grms.	A	B	B1	C	D	Grms.	A	B	B1	C	D
3/4x1" w/o nut	435	70	56	43	96	19	-	-	-	-	-	-	550	70	56	43	115	19
3/4x1 1/2" nut	-	-	-	-	-	-	630	70	56	43	115	16	-	-	-	-	-	-



cim 624

BALL VALVE FOR PUMPS WITH COMPRESSION ENDS

cim 624 SC



DN	Cim 624 22x1 1/2" nut	Cim 624 SC 22x1" w/o nut
Box	18	20
Cart.	72	80



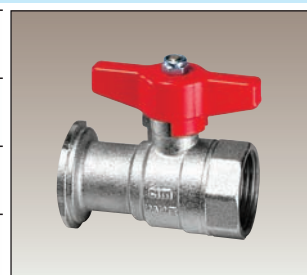
cim 353

BALL VALVE FOR PUMPS FEMALE ENDS

cim 353 SC



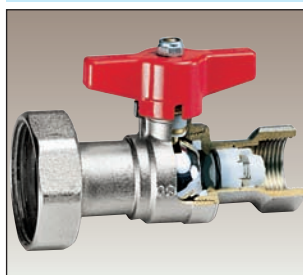
DN	Cim 353 3/4x1 1/2" nut	Cim 353 1"x1 1/2" nut	Cim 353 SC 3/4x1" w/o nut	Cim 353 SC 1"x1" w/o nut
Box	18	18	20	20
Cart.	72	72	80	80



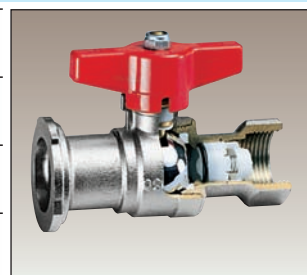
cim 354

BALL VALVE FOR PUMPS WITH NON RETURN VALVE

cim 354 SC



DN	Cim 354 3/4x1 1/2" nut	Cim 354 1"x1 1/2" nut	Cim 354 SC 3/4x1" w/o nut	Cim 354 SC 1"x1" w/o nut
Box	12	12	16	16
Cart.	48	48	64	64



cim 633

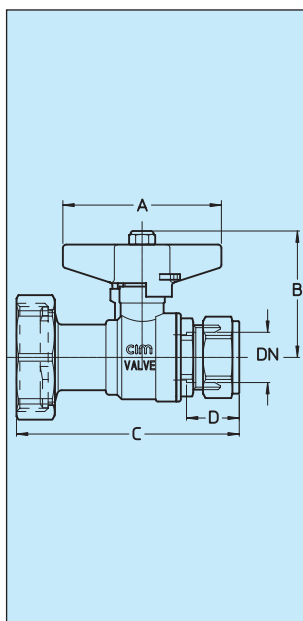
DRAIN COCK WITH PLUG AND CHAIN FOR "FILTRASFERA"

RIGHT ANGLE BALL VALVE FOR PUMPS WITH NUT

cim 632



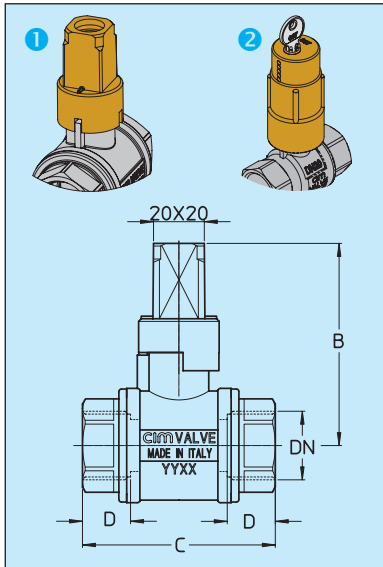
"FILTRASFERA" DN 1/2"	"FILTRASFERA" DN 3/4"	"FILTRASFERA" DN 1"	DN	Cim 632 22x1 1/2" nut
Cim 633 with brass cap and chain				
Cim 633PLA with plastic cap and chain			Box	16
			Cart.	64



DN	Cim 624					Cim 624 SC					Cim 632					Cim 633 - Cim 633 PLA										
	Grms.	A	B	C	D	Grms.	A	B	C	D	Grms.	A	B	C	D	Cim 633	Cim 633 PLA	Grms.	Grms.	A	B	C	D			
22 x 1 1/2" nut	580	70	56	89	25	-	-	-	-	-	570	70	55,8	62,6	20											
22 x 1" w/o nut	-	-	-	-	-	500	70	56	89	25	-	-	-	-	-	Grms.	Grms.	A	B	C	D					
1/2"	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	180	165	37	38,5	44	6					
3/4"	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	190	175	37	38,5	44	6					
1"	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	280	265	37	38,5	62,5	6					
DN	Cim 353					Cim 353 SC					Cim 354					Cim 354 SC										
	Grms.	A	B	C	D	Grms.	A	B	C	D	Grms.	A	B	C	D	Grms.	A	B	C	D	Grms.	A	B	C	D	
3/4 x 1 1/2" nut	395	70	56	79	18,5	-	-	-	-	-	433	70	56	98,5	16											
1" x 1 1/2" nut	415	70	56	86	23	-	-	-	-	-	470	70	56	106	20											
3/4 x 1" w/o nut	-	-	-	-	-	315	70	56	79	18,5	-	-	-	-	-							353	70	56	98,5	16
1" x 1" w/o nut	-	-	-	-	-	335	70	56	86	23	-	-	-	-	-							390	70	56	106	20

cim 206 - 206/12 - 206/14

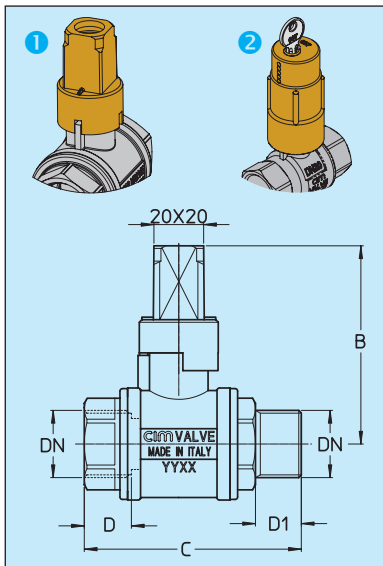
① Available with key control safety cap cim 953B - 955B - ② Lockable cap in "open-closed" position



	DN	1/4	3/8	1/2	3/4	1"	1 1/4"	1 1/2"	2"
Cim 206	Grms.	255	260	410	660	880	1325	1725	2990
	B	68	68	71,5	79	83	94	100	106,5
	C	47	50	64	74	88	101	106	130
	D	13	14	17	19	22	24	23	29
Cim 206/12	Grms.	-	-	300	425	660	965	1360	2055
	B	-	-	70	74	78	86,5	100	106,5
	C	-	-	61	68	82	92	107	125
	D	-	-	17	19	21	23	23	27
Cim 206/14	Grms.	-	-	280	400	550	835	1165	1655
	B	-	-	70	74	78	86,5	100	106,5
	C	-	-	52	57	68	81	96	112
	D	-	-	13	13	14	17	18	20

cim 207 - 207/12 - 207/14

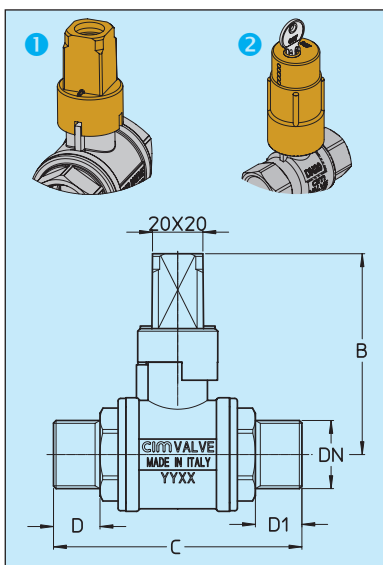
① Available with key control safety cap cim 953B - 955B - ② Lockable cap in "open-closed" position



	DN	1/4	3/8	1/2	3/4	1"	1 1/4"	1 1/2"	2"
Cim 207	Grms.	260	270	410	680	885	1405	1785	2930
	B	68	68	71,5	79	83	94	100	106,5
	C	56	57	72	85	96	112	120	144
	D	13	14	17	19	22	24	23	29
Cim 207/12	Grms.	-	-	285	410	610	915	1225	1915
	B	-	-	70	74	78	86,5	100	106,5
	C	-	-	60	69	79,5	92	106	124
	D	-	-	17	19	21	23	23	27
Cim 207/14	Grms.	-	-	280	400	550	850	1150	1740
	B	-	-	70	74	78	86,5	100	106,5
	C	-	-	56	63	73	86,5	101	118
	D	-	-	13	13	14	17	18	20
	D1	-	-	16	18	19	22	23	26

cim 208 - 208/12 - 208/14

① Available with key control safety cap cim 953B - 955B - ② Lockable cap in "open-closed" position



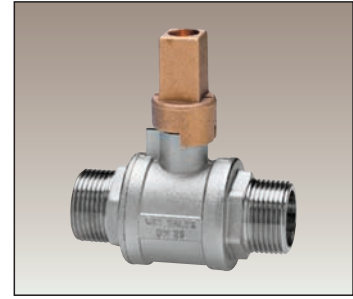
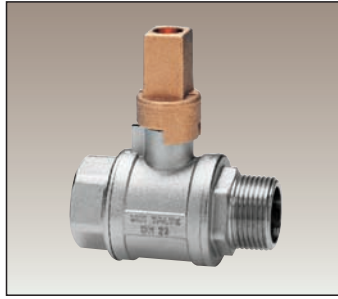
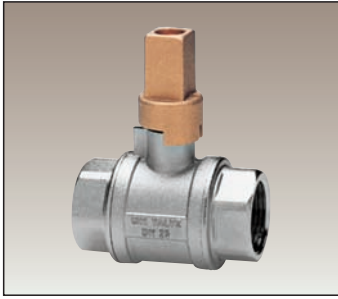
	DN	1/4	3/8	1/2	3/4	1"	1 1/4"	1 1/2"	2"
Cim 208	Grms.	265	275	400	705	900	1460	1860	3020
	B	68	68	71,5	79	83	94	100	106,5
	C	64	64	80	96	105	123	134	158
	D	13	13	16	18	21	24	25	28
Cim 208/12 Cim 208/14	Grms.	-	-	295	415	600	965	1190	1885
	B	-	-	70	74	78	86,5	100	106,5
	C	-	-	69	77	87	104	116	139
	D	-	-	17	18	21	25	26	29,5
	D1	-	-	16	18	19	22	23	26

FULLWAY BALL VALVES T10 WITH SQUARE CAP CONTROL 20x20

cim 206

cim 207

cim 208



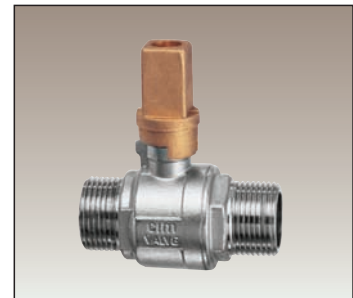
DN	1/4	3/8	1/2	3/4	1"	1 1/4"	1 1/2"	2"
Box Cim 206	50	50	30	20	15	10	6	3
Box Cim 207	50	50	30	20	15	10	6	3
Box Cim 208	50	50	30	20	15	10	6	3

FULLWAY BALL VALVES T12 WITH SQUARE CAP CONTROL 20x20

cim 206/12

cim 207/12

cim 208/12



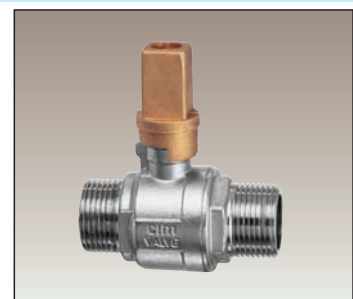
DN			1/2	3/4	1"	1 1/4"	1 1/2"	2"
Box Cim 206/12			40	30	20	12	7	4
Box Cim 207/12			40	25	20	12	7	4
Box Cim 208/12			40	30	20	12	7	4

FULLWAY BALL VALVES T14 WITH SQUARE CAP CONTROL 20x20

cim 206/14

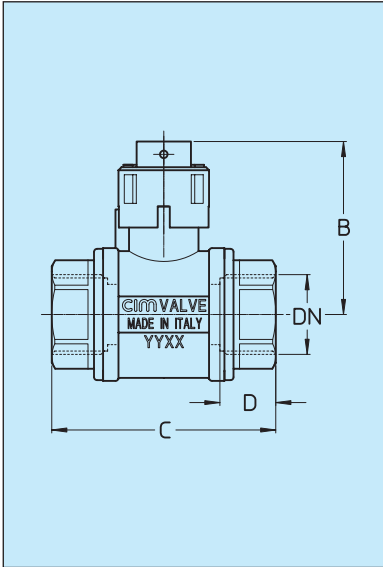
cim 207/14

cim 208/14



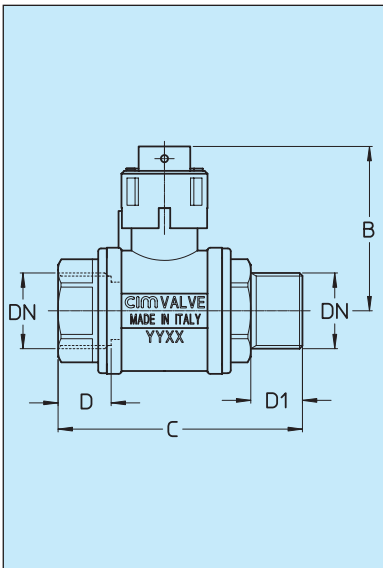
DN			1/2	3/4	1"	1 1/4"	1 1/2"	2"
Box Cim 206/14			40	25	20	12	8	5
Box Cim 207/14			40	25	20	12	8	5
Box Cim 208/14			40	25	20	12	8	5

cim 306 - 306/12 - 306/14



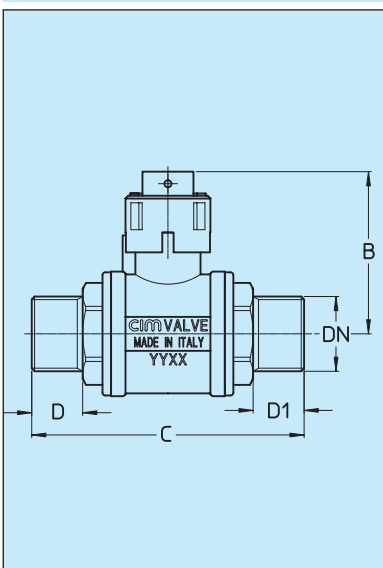
	DN	1/4	3/8	1/2	3/4	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
Cim 306	Grms.	185	190	340	600	820	1270	1695	2960	6505	10235
	B	49	49	53	66,5	70	83	88	95	118,5	127,5
	C	47	50	64	74	88	101	105	130	158	183
	D	13	14	17	19	22	24	23	29	31	35
Cim 306/12	Grms.	-	-	230	355	590	905	1325	2025	4135	6100
	B	-	-	52	56	60	74	88	95	118,5	127,5
	C	-	-	61	68	82	92	107	125	151	171
	D	-	-	17	19	21	23	23	27	27	28
Cim 306/14	Grms.	-	-	210	325	480	775	1130	1625	2975	4130
	B	-	-	52	56	60	74	89	95	118,5	127,5
	C	-	-	52	57	68	81	96	112	133	150
	D	-	-	13	13	14	17	18	20	23	25

cim 307 - 307/12 - 307/14



	DN	1/4	3/8	1/2	3/4	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
Cim 307	Grms.	190	200	340	625	825	1370	1750	2895	-	-
	B	49	49	53	66,5	70	83	88	95	-	-
	C	56	57	72	85	96	112	120	144	-	-
	D	13	14	17	19	22	24	23	29	-	-
	D1	13	13	16	18	21	24	25	28	-	-
Cim 307/12	Grms.	-	-	215	340	540	855	1190	1880	-	-
	B	-	-	52	56	60	74	88	95	-	-
	C	-	-	60	69	79,5	92	106	124	-	-
	D	-	-	17	19	21	23	23	27	-	-
	D1	-	-	16	18	19	22	23	26	-	-
Cim 307/14	Grms.	-	-	210	330	485	790	1120	1710	-	-
	B	-	-	52	56	60	74	89	95	-	-
	C	-	-	56	63	73	86,5	101	118	-	-
	D	-	-	13	13	14	17	18	20	-	-
	D1	-	-	16	18	19	22	23	26	-	-

cim 308 - 308/12 - 308/14



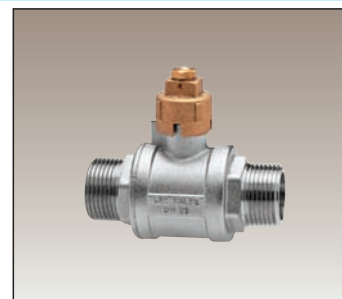
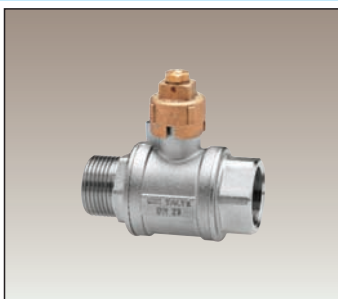
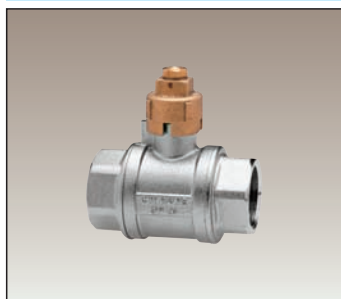
	DN	1/4	3/8	1/2	3/4	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
Cim 308	Grms.	195	205	330	645	840	1430	1830	2985	-	-
	B	49	49	53	66,5	70	83	88	95	-	-
	C	64	64	80	96	105	123	134	158	-	-
	D	13	13	16	18	21	24	25	28	-	-
	D1	13	13	16	18	21	24	25	28	-	-
Cim 308/12 Cim 308/14	Grms.	-	-	225	345	530	905	1160	1855	-	-
	B	-	-	52	56	60	74	88	95	-	-
	C	-	-	69	77	87	104	116	139	-	-
	D	-	-	17	18	21	25	26	29,5	-	-
	D1	-	-	16	18	19	22	23	26	-	-

FULLWAY BALL VALVES T10 WITH LOCKING CAP SEALING TYPE "OPEN/CLOSED"

cim 306

cim 307

cim 308



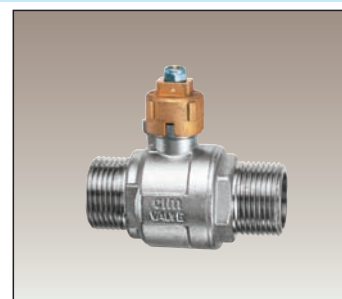
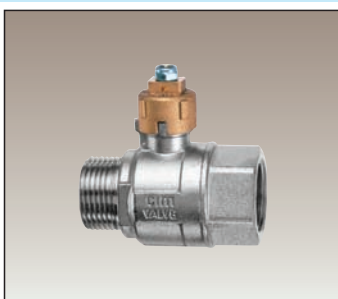
DN	1/4	3/8	1/2	3/4	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
Box Cim 306	50	50	40	20	15	10	6	3	1	1
Box Cim 307	50	50	40	20	15	10	6	3		
Box Cim 308	50	50	40	20	15	10	6	3		

FULLWAY BALL VALVES T12 WITH LOCKING CAP SEALING TYPE "OPEN/CLOSED"

cim 306/12

cim 307/12

cim 308/12



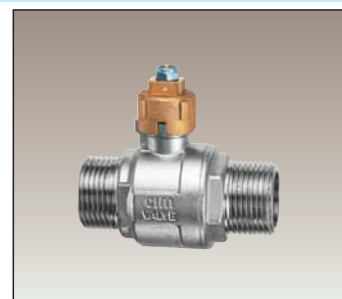
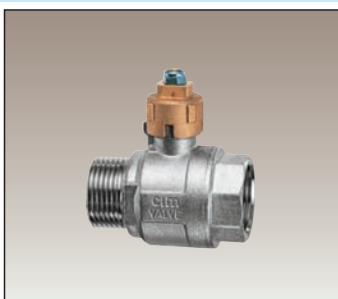
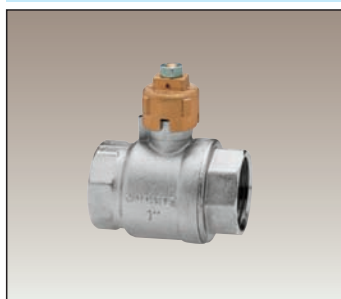
DN	1/4	3/8	1/2	3/4	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
Box Cim 306/12			50	30	20	12	7	4	2	2
Box Cim 307/12			50	30	20	12	7	4		
Box Cim 308/12			50	30	20	12	7	4		

FULLWAY BALL VALVES T14 WITH LOCKING CAP SEALING TYPE "OPEN/CLOSED"

cim 306/14

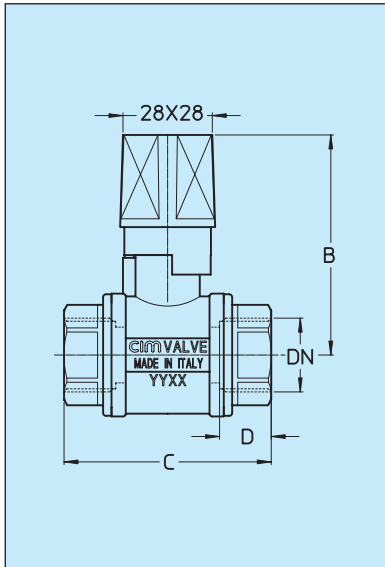
cim 307/14

cim 308/14



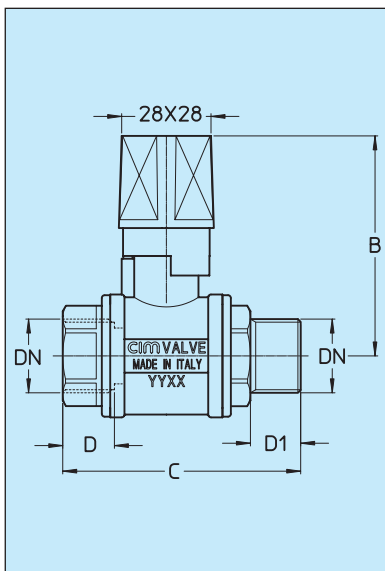
DN	1/4	3/8	1/2	3/4	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
Box Cim 306/14			50	30	20	12	8	5	2	2
Box Cim 307/14			50	30	20	12	8	5		
Box Cim 308/14			50	30	20	12	8	5		

cim 406 - 406/12 - 406/14



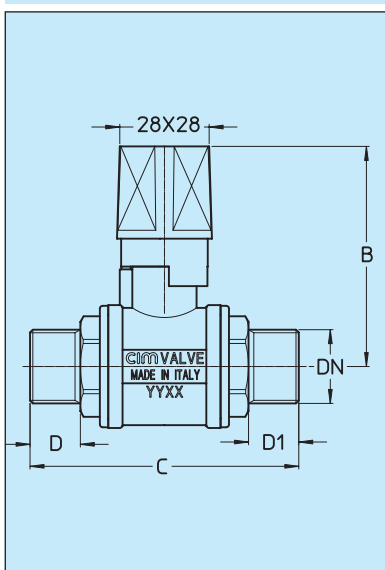
	DN	1/4	3/8	1/2	3/4	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
Cim 406	Grms.	275	280	430	700	915	1390	1790	3055	6510	9970
	B	59	59	63	79	84	94	100	107	127,5	138,5
	C	47	50	64	74	88	101	106	130	158	183
	D	13	14	17	19	22	24	23	29	31	35
Cim 406/12	Grms.	-	-	320	445	680	1000	1405	2100	-	-
	B	-	-	62	66	70	88	100	106,5	-	-
	C	-	-	61	68	82	92	107	125	-	-
	D	-	-	17	19	21	23	23	27	-	-
Cim 406/14	Grms.	-	-	300	420	570	870	1210	1705	-	-
	B	-	-	62	66	70	86,5	100	106,5	-	-
	C	-	-	52	57	68	81	96	112	-	-
	D	-	-	13	13	14	17	18	20	-	-

cim 407 - 407/12 - 407/14



	DN	1/4	3/8	1/2	3/4	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
Cim 407	Grms.	285	395	435	720	900	1470	1850	2995	-	-
	B	59	59	63	79	84	94	100	107	-	-
	C	56	57	72	85	96	112	120	144	-	-
	D	13	14	17	19	22	24	23	29	-	-
Cim 407/12	Grms.	-	-	310	430	635	950	1290	1980	-	-
	B	-	-	62	66	70	88	100	106,5	-	-
	C	-	-	60	69	79,5	92	106	124	-	-
	D	-	-	17	19	21	23	23	27	-	-
Cim 407/14	Grms.	-	-	280	400	550	850	1150	1740	-	-
	B	-	-	62	66	70	86,5	100	106,5	-	-
	C	-	-	56	63	73	86,5	101	118	-	-
	D	-	-	13	13	14	17	18	20	-	-
	D1	-	-	16	18	19	22	23	26	-	-

cim 408 - 408/12 - 408/14



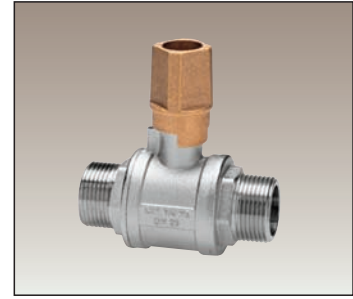
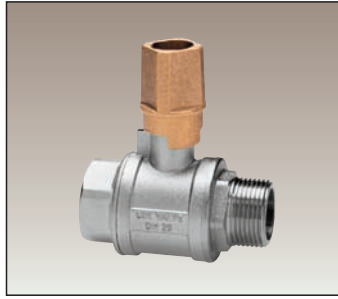
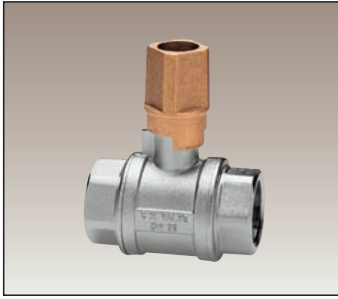
	DN	1/4	3/8	1/2	3/4	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
Cim 408	Grms.	290	300	425	740	940	1525	1925	3085	-	-
	B	59	59	63	79	84	94	100	107	-	-
	C	64	64	80	96	105	123	134	158	-	-
	D	13	13	16	18	21	24	25	28	-	-
Cim 408/12	Grms.	-	-	320	435	625	1000	1255	1950	-	-
	B	-	-	62	66	70	88	100	106,5	-	-
	C	-	-	69	77	87	104	116	139	-	-
	D	-	-	17	18	21	25	26	29,5	-	-
Cim 408/14	D1	-	-	16	18	19	22	23	26	-	-

FULLWAY BALL VALVES T10 WITH SQUARE CAP CONTROL 28x28

cim 406

cim 407

cim 408



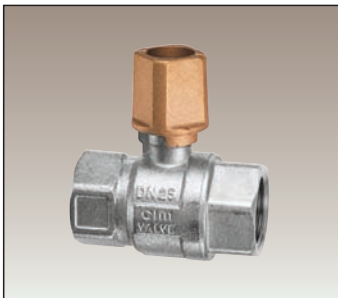
DN	1/4	3/8	1/2	3/4	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
Box Cim 406	50	50	30	20	12	10	6	3	2	1
Box Cim 407	50	50	30	20	12	10	6	3		
Box Cim 408	50	50	30	20	12	10	6	3		

FULLWAY BALL VALVES T12 WITH SQUARE CAP CONTROL 28x28

cim 406/12

cim 407/12

cim 408/12



DN	1/4	3/8	1/2	3/4	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
Box Cim 406/12			40	25	20	12	7	4	2	1
Box Cim 407/12			40	25	20	12	7	4		
Box Cim 408/12			40	25	20	12	7	4		

FULLWAY BALL VALVES T14 WITH SQUARE CAP CONTROL 28x28

cim 406/14

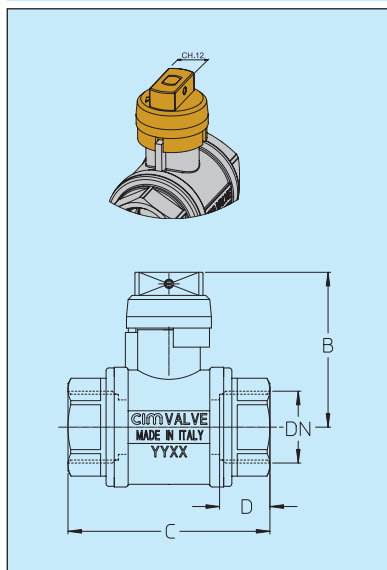
cim 407/14

cim 408/14



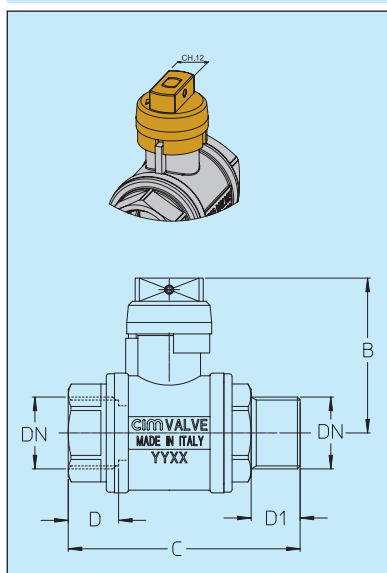
DN	1/4	3/8	1/2	3/4	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
Box Cim 406/14			40	25	20	12	8	5	2	1
Box Cim 407/14			40	25	20	12	8	5		
Box Cim 408/14			40	25	20	12	8	5		

cim 506 - 506/12 - 506/14



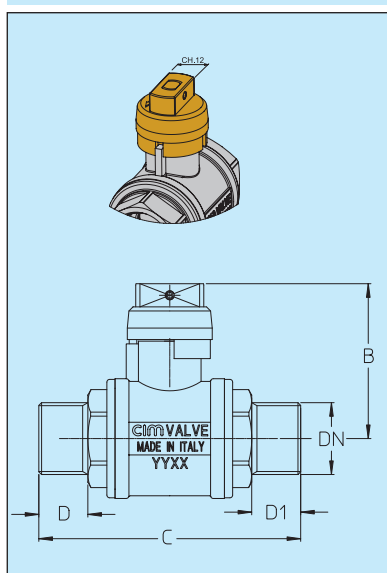
	DN	3/4	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
Cim 506	Grms.	595	825	1290	1680	2905	6400	9850
	B	57	61	75	81	87,5	106,5	117,5
	C	74	88	101	106	130	158	183
	D	19	22	24	23	29	31	35
Cim 506/12	Grms.	385	615	910	1305	2010	-	-
	B	53,5	57,5	64,5	80,5	87,5	-	-
	C	68	82	92	107	125	-	-
	D	19	21	23	23	27	-	-
Cim 506/14	Grms.	355	505	780	1115	1610	-	-
	B	53,5	57,5	64,5	80,5	87,5	-	-
	C	57	68	81	96	112	-	-
	D	13	14	17	18	20	-	-

cim 507 - 507/12 - 507/14



	DN	3/4	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
Cim 507	Grms.	650	855	1380	1750	2980	-	-
	B	57	61	75	81	87,5	-	-
	C	85	96	112	120	144	-	-
	D	19	22	24	23	29	-	-
	D1	18	21	24	25	28	-	-
Cim 507/12	Grms.	365	570	865	1180	1870	-	-
	B	53,5	57,5	64,5	80,5	87,5	-	-
	C	69	79,5	92	106	124	-	-
	D	19	21	23	23	27	-	-
	D	18	19	22	23	26	-	-
Cim 507/14	Grms.	355	515	795	1100	1690	-	-
	B	53,5	57,5	64,5	80,5	87,5	-	-
	C	63	73	86,5	101	118	-	-
	D	13	14	17	18	20	-	-
	D1	18	19	22	23	26	-	-

cim 508 - 508/12 - 508/14



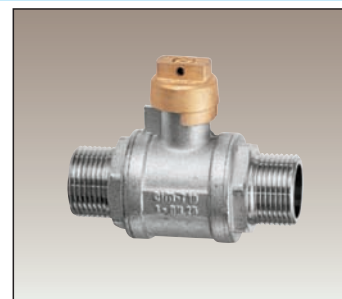
	DN	3/4	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
Cim 508	Grms.	640	845	1425	1810	2920	-	-
	B	57	61	75	81	87,5	-	-
	C	96	105	123	134	158	-	-
	D	18	21	24	25	28	-	-
	D1	18	21	24	25	28	-	-
Cim 508/12	Grms.	370	555	910	1140	1840	-	-
Cim 508/14	B	53,5	57,5	64,5	80,5	87,5	-	-
	C	68	82	92	107	125	-	-
	D	18	21	25	26	29,5	-	-
	D1	18	19	22	23	26	-	-

FULLWAY BALL VALVES T10 WITH LOCKING CAP SEALING TYPE CH12 "OPEN/CLOSED"

cim 506

cim 507

cim 508



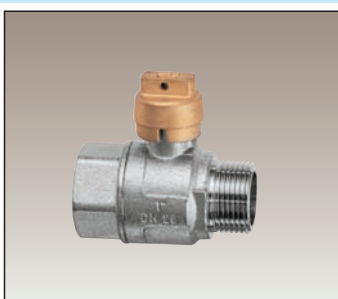
DN	3/4	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
Box Cim 506	20	15	10	6	3	1	1
Box Cim 507	20	15	10	6	3		
Box Cim 508	20	15	7	6	3		

FULLWAY BALL VALVES T12 WITH LOCKING CAP SEALING TYPE CH12 "OPEN/CLOSED"

cim 506/12

cim 507/12

cim 508/12



DN	3/4	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
Box Cim 506/12	30	20	12	7	4	2	2
Box Cim 507/12	30	20	12	7	4		
Box Cim 508/12	30	20	12	7	4		

FULLWAY BALL VALVES T14 WITH LOCKING CAP SEALING TYPE CH12 "OPEN/CLOSED"

cim 506/14

cim 507/14

cim 508/14



DN	3/4	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
Box Cim 506/14	30	20	12	8	5	2	2
Box Cim 507/14	30	20	12	8	5		
Box Cim 508/14	30	20	12	8	5		

FULLWAY BALL VALVES T12CR WITH SQUARE CAP CONTROL

cim 206/12 CR

cim 306/12 CR

cim 406/12 CR

cim 506/12 CR



DN	1/2	3/4	1"	1 1/4"	1 1/2"	2"
Box Cim 206/12 CR	40	25	20	12	7	4
Box Cim 306/12 CR	50	30	20	12	7	4
Box Cim 406/12 CR	40	25	20	12	7	4
Box Cim 506/12 CR		30	20	12	7	4

FULLWAY BALL VALVES T12 WITH SQUARE CAP CONTROL

cim 207/12 CR

cim 307/12 CR

cim 407/12 CR

cim 507/12 CR



DN	1/2	3/4	1"	1 1/4"	1 1/2"	2"
Box Cim 207/12 CR	40	30	20	12	7	4
Box Cim 307/12 CR	50	30	20	12	7	4
Box Cim 407/12 CR	40	25	20	12	7	4
Box Cim 507/12 CR		30	20	12	7	4

cim 91

BALL VALVE FOR RADIATORS PATENTED

cim 92



DN	1/2
Box / Cart.	25 / 100



SERVICE RECOMMENDATIONS:

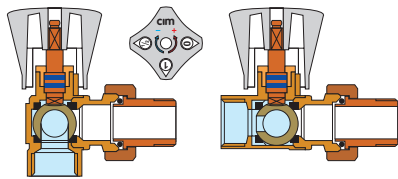
The CIM ball valves for radiator are designed to guarantee an efficient service on heating plants. These ball valves are full bore and can reduce water flow with a 100% full opening or 50% reduced opening. A 1/4 handle turn enables all opening, closing and regulating actions.

PRESSURE DROP KV - Values

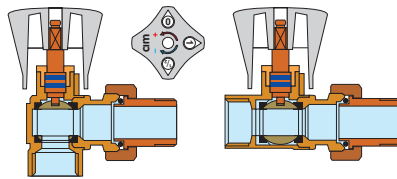
KV: flow rate in m³/h at a pressure drop of 1 bar

CIM 91 - 1/2 = 3,9 (100% open) 1,3 (50% open)

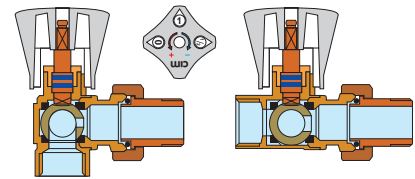
CIM 92 - 1/2 = 10. (100% open) 0,5 (50% open)



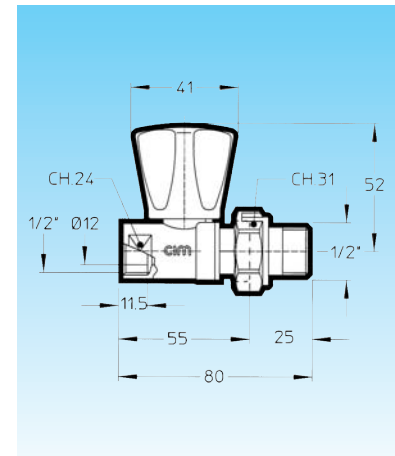
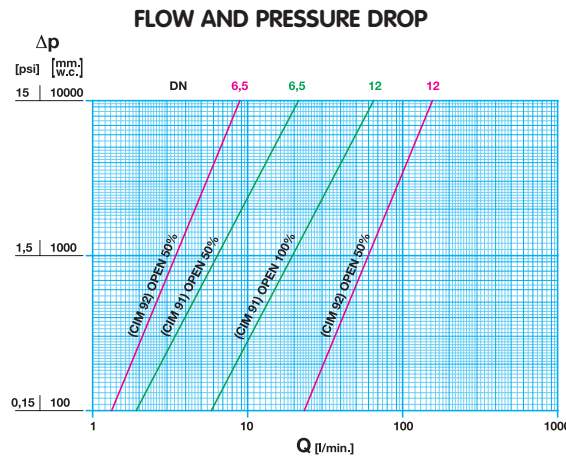
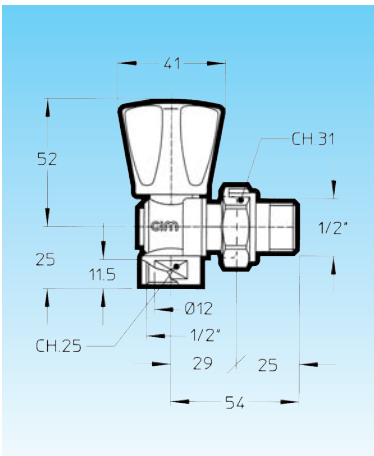
CLOSED



100% OPEN



50% OPEN



EXTENSIONS FOR BALL VALVES - ALUMINIUM HANDLE Cim 10-12-14 TYPE

cim 510

cim 511

cim 512

cim 513

cim 514



DN	1/2	3/4	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
Cim 10	510	511	511	512	512	512	513	513	514
Cim 12	510	510	510	511	512	512	513	513	514
Cim 14	510	510	510	511	512	512	513	513	513

EXTENSIONS FOR BALL VALVES - STEEL HANDLES Cim 11-11/CR-14M TYPE

cim 520

cim 521

cim 522

cim 523



DN	1/2	3/4	1"	1 1/4"	1 1/2"	2"
Cim 11	520	521	521	522	523	523
Cim 14 M	520	521	521	522	523	523



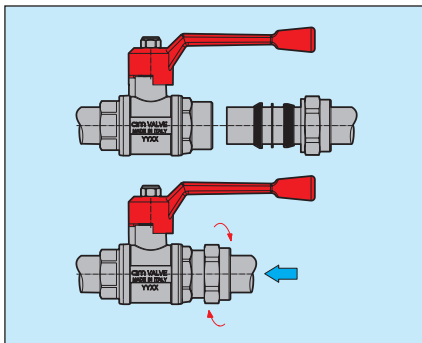
cim 285

FULLWAY BALL VALVE QUICK CONNECTIONS - T10 SERIES IRON/IRON ENDS

cim 286



Ø Tubo Ferro	21x21	27x27	34x34
Ø mm.	15	20	25
Box	25	16	12
Cart.	100	64	48

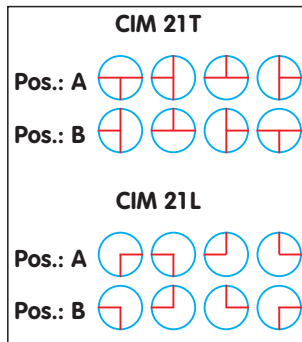


cim 21

THREE WAYS BALL VALVE WITH "T" OR "L" PORTS



DN	1/4	3/8	1/2	3/4	1"	1 1/4"	1 1/2"	2"
Box	5	5	5	5	4	3	3	2
Cart.	20	20	20	20	16	12	6	4

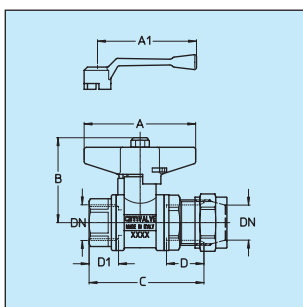
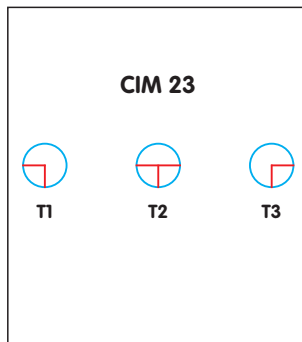


cim 23

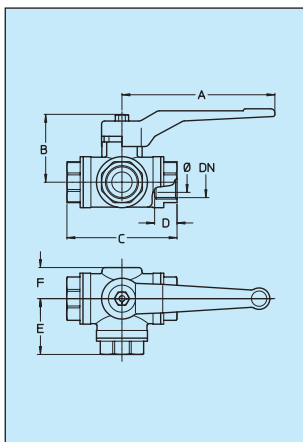
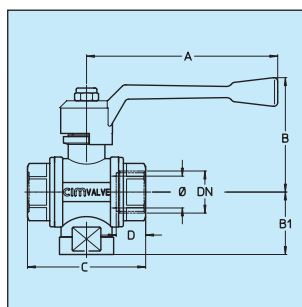
FULLWAY BALL VALVE THREE WAYS DIVERTER - "T" PORTS



DN			1/2	3/4	1"			
Box			25	15	10			
Cart.			100	60	40			



DN	Cim 285							DN	Cim 23					
	Grms.	A	A1	B	C	D	D1		Grms.	A	B	B1	C	D
21x21	480	70	100	53	80	23,5	23,5	1/2	370	100	60	34	64	17
21x27	760	85	120	65	90	25	25	3/4	585	120	72	39	74	18,5
34x34	1060	85	120	69	95	19	19	1"	865	120	76	46	88	22



DN	Cim 21							
	1/4	3/8	1/2	3/4	1"	1 1/4"	1 1/2"	2"
Grms.	660	635	655	830	1470	2040	3730	5750
A	115	115	115	115	150	150	240	240
B	52	52	52	55,5	64	67,5	93,5	103,5
C	76	78	82	90	106,5	120	142	165
D	18	18	17	18,5	20	23,5	28,5	32
E	38	38	41	45	53	61	71	82
F	24,5	24,5	23,5	28,5	33	35	43,5	48

cim 427

T FITTING WITH BALL VALVE - FEMALE/FEMALE ENDS



DN1 x DN2	1/2x1/2	3/4x1/2	1"x1/2
Box	20	20	15
Cart.	80	80	60

T FITTING WITH BALL VALVE - FEMALE/FEMALE ENDS

cim 3427

DN1 x DN2	1/2x1/2	3/4x1/2	1"x1/2
Box	20	20	15
Cart.	80	80	60



cim 3427 RB

T FITTING WITH BALL VALVE - COMPRESSION ENDS



DN1 x DN2	15x1/2	20x1/2	22x1/2
Box	20	20	15
Cart.	80	80	60

T FITTING WITH BALL VALVE - LOCKABLE HANDLE

cim 427 SI

DN1 x DN2	1/2x1/2	3/4x1/2	1"x1/2
Box	20	20	15
Cart.	80	80	60



cim A427

T FITTING WITH BALL VALVE - NYLON HANDLE



DN1 x DN2	1/2x1/2	3/4x1/2	1"x1/2
Box	15	15	10
Cart.	60	60	40

cim 63

FULLWAY BALL VALVE WITH EXPANSION UNION - T10 SERIES FEMALE/IRON CIM JOINT MALE/IRON

cim 163



DN	1/2	3/4	1"
Ø Iron pipe	21	27	34



cim 64

FULLWAY BALL VALVE WITH EXPANSION UNION - T10 SERIES FEMALE/MALE CIM JOINT MALE/MALE

cim 164



DN	1/2	3/4	1"



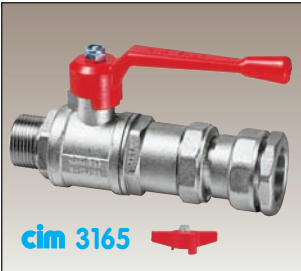
cim 65

FULLWAY BALL VALVE WITH EXPANSION UNION - T10 SERIES FEMALE/POLYETHYLENE CIM JOINT MALE/POLYETHYLENE

cim 165



DN	1/2	3/4	1"
Ø PE pipe	20	25	32



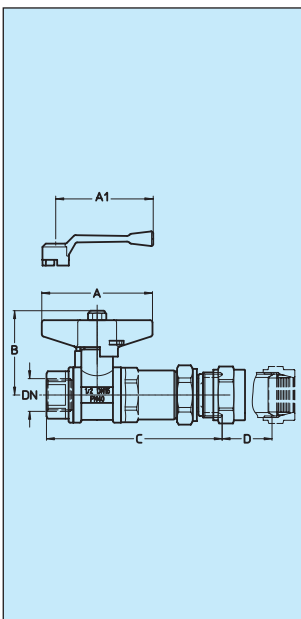
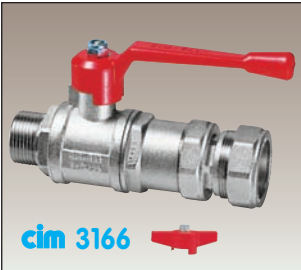
cim 66

FULLWAY BALL VALVE WITH EXPANSION UNION - T10 SERIES FEMALE/COPPER CIM JOINT MALE/COPPER

cim 166



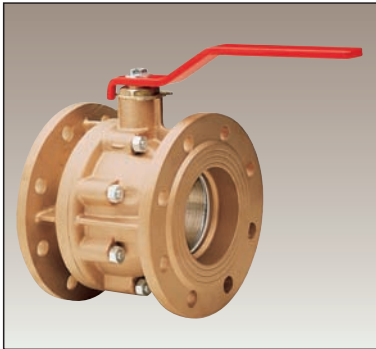
DN	1/2	1/2	3/4	3/4	1"	1"	1 1/4"
Ø Copper pipe	15	22	22	28	28	35	35



DN	Cim 63						Cim 163						Cim 64						Cim 164					
	Grms.	A	A1	B	C	D	Grms.	A	A1	B	C	D	Grms.	A	A1	B	C	D	Grms.	A	A1	B	C	D
1/2 x 21	595	70	100	53	111	32	575	70	100	53	119	32	-	-	-	-	-	-	-	-	-	-	-	-
3/4 x 27	910	85	120	65	121	33	880	85	120	65	132	33	-	-	-	-	-	-	-	-	-	-	-	-
1" x 34	1235	85	120	69	135	35	1250	85	120	69	143	35	-	-	-	-	-	-	-	-	-	-	-	-
1/2 x 1/2	-	-	-	-	-	-	-	-	-	-	-	-	530	70	100	53	113	32	495	70	100	53	121	32
3/4 x 3/4	-	-	-	-	-	-	-	-	-	-	-	-	810	85	120	65	123	33	795	85	120	65	134	33
1" x 1"	-	-	-	-	-	-	-	-	-	-	-	-	1115	85	120	69	140	35	1095	85	120	69	148	35
DN	Cim 65						Cim 165						Cim 66						Cim 166					
Grms.	A	A1	B	C	D	Grms.	A	A1	B	C	D	Grms.	A	A1	B	C	D	Grms.	A	A1	B	C	D	
1/2 x 20	565	70	100	53	119	32	565	70	100	53	127	32	-	-	-	-	-	-	-	-	-	-	-	-
3/4 x 25	955	85	120	65	129	33	955	85	120	65	140	33	-	-	-	-	-	-	-	-	-	-	-	-
1" x 32	1350	85	120	69	145	35	1350	85	120	69	153	35	-	-	-	-	-	-	-	-	-	-	-	-
1/2 x 15	-	-	-	-	-	-	-	-	-	-	-	-	525	70	100	53	113	32	520	70	100	53	121	32
1/2 x 22	-	-	-	-	-	-	-	-	-	-	-	-	565	70	100	53	111	32	560	70	100	53	119	32
3/4 x 22	-	-	-	-	-	-	-	-	-	-	-	-	590	70	100	53	111	32	570	70	100	53	119	32
3/4 x 28	-	-	-	-	-	-	-	-	-	-	-	-	865	85	120	65	121	33	880	85	120	65	132	33
1" x 28	-	-	-	-	-	-	-	-	-	-	-	-	930	85	120	65	121	33	920	85	120	65	130	33
1" x 35	-	-	-	-	-	-	-	-	-	-	-	-	1200	85	120	69	135	35	1215	85	120	69	143	35
1 1/4" x 35	-	-	-	-	-	-	-	-	-	-	-	-	1215	85	120	69	132	35	1230	85	120	69	138	35

cim 22

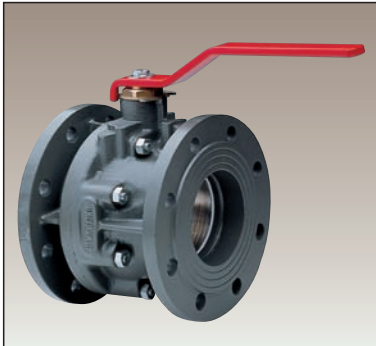
FLANGED BRONZE FULLWAY BALL VALVE - PN 16



DN	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"
Ø mm.	20	25	32	40	50	65	80	100	125	150	200

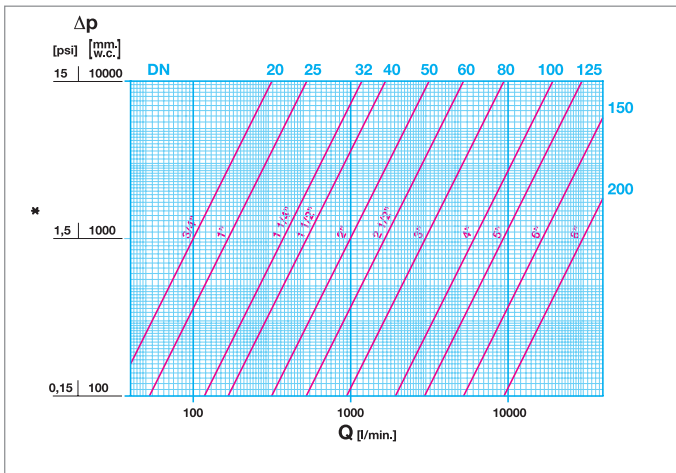
cim 122

FLANGED GG25 CAST IRON FULLWAY BALL VALVE - PN 16

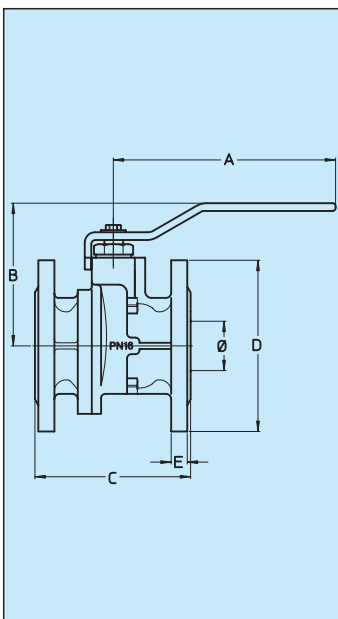
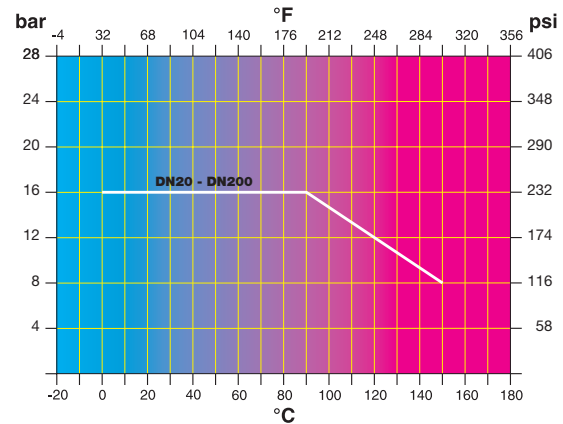


DN	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"
Ø mm.	20	25	32	40	50	65	80	100	125	150	200

FLOW AND PRESSURE DROP



PRESSURE/TEMPERATURE RATINGS



DN	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"
Ø	20	25	32	40	50	65	80	100	125	150	200
Grms.	2700	3600	4800	6200	9000	12200	15500	20000	28000	38500	93000
A	130	170	170	220	220	284	284	360	447	560	1000
B	85	95	100	118	125	152	166	180	225	242	320
C	120	125	130	140	150	170	180	190	200	210	400
D	105	115	140	150	165	185	200	220	250	285	340
E	15	15	15	15	16	16	18	19	20	20	25



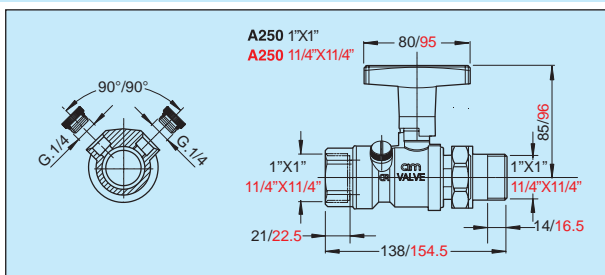
Ball valves with pressure and temperature test points

cim A250

BALL VALVE WITH PRESSURE AND TEMPERATURE TEST POINTS
FEMALE/UNION ENDS- IN DZR BRASS "CR" ALLOY



DN	1 x 1	1 1/4" x 1 1/4"
Box	8	6
Cart.	32	24

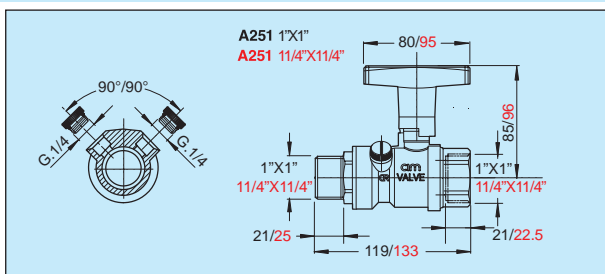


cim A251

BALL VALVE WITH PRESSURE AND TEMPERATURE TEST POINTS
MALE/FEMALE ENDS - IN DZR BRASS "CR" ALLOY



DN	1 x 1	1 1/4" x 1 1/4"
Box	8	6
Cart.	32	24

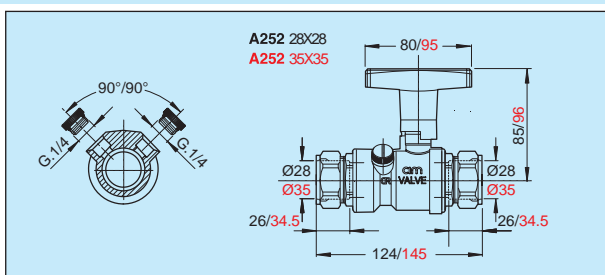


cim A252

BALL VALVE WITH PRESSURE AND TEMPERATURE TEST POINTS
COMPRESSION/COMPRESSION ENDS - IN DZR BRASS "CR" ALLOY



DN	28 x 28	35 x 35
Box	8	6
Cart.	32	24

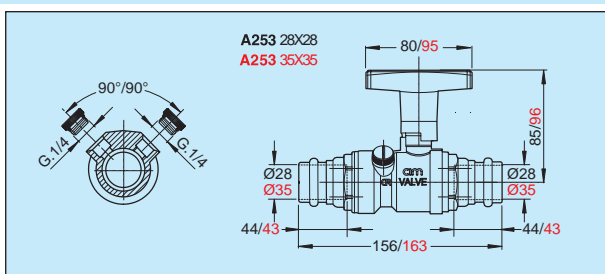


cim A253

BALL VALVE WITH PRESSURE AND TEMPERATURE TEST POINTS
PRESS/PRESS ENDS - IN DZR BRASS "CR" ALLOY



DN	28 x 28	35 x 35
Box	8	6
Cart.	32	24

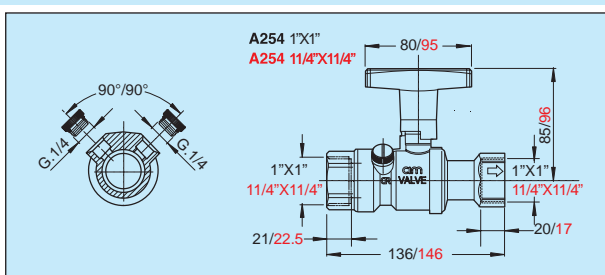


cim A254

BALL VALVE WITH PRESSURE AND TEMPERATURE TEST POINTS
FE./FE. ENDS WITH NON RETURN VALVE - IN DZR BRASS "CR" ALLOY



DN	1 x 1	1 1/4" x 1 1/4"
Box	8	6
Cart.	32	24



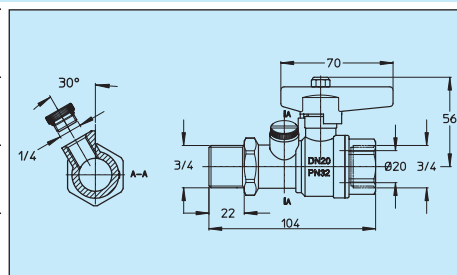
Special items

cim 262

BALL VALVE FOR PERIPHERAL THERMAL MODULES



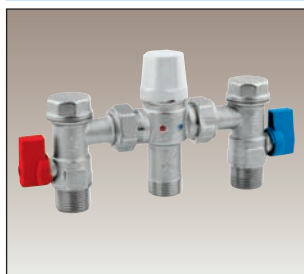
DN	BLUE/RED HANDLES	3/4 x 3/4
	Brass	
	Aluminium	
	Nylon 6/6	



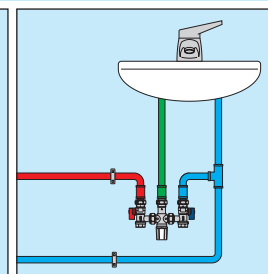
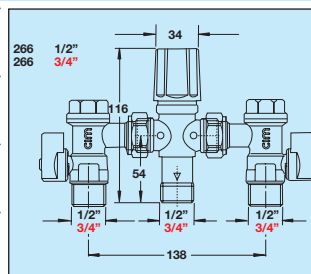
Anti-scald kit

cim 266

THERMOSTATIC MIXING VALVES MALE-MALE



DN	1/2 x 1/2 x 1/2
DN	3/4 x 3/4 x 3/4



The employ of CIM 266 "ANTISCALD" kit is recommended to all hot water for sanitary use distribution installations which are located in places where protection of more exposed people is needed against the hot water burn risks, such as hospitals, sporting centres, schools. The mixing valve maintains the temperature of the delivery mixed water available to end-user, despite temperature or inlet pressures changes or high flow rate. CIM 266 "ANTISCALD" kit has a standard calibration of 48°C. On demand, the mixing valve can be calibrated at any temperature within the range from 30°C up to 70°C.

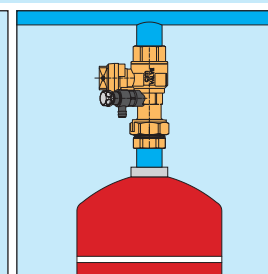
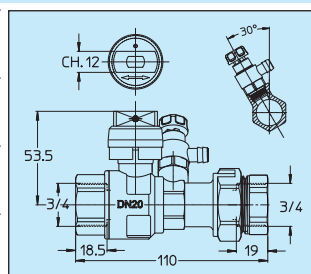
Ball valve for expansion vessels

cim 267

BALL VALVE WITH DRAIN COCK FOR INTERCEPTING EXPANSION VESSEL



DN	3/4 x 3/4
Box	15
Cart.	60



No shock

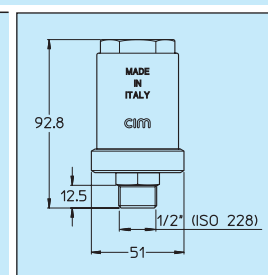
cim 1450

WATER HAMMER SHOCK ABSORBER



DN	1/2
Box	1
Cart.	10

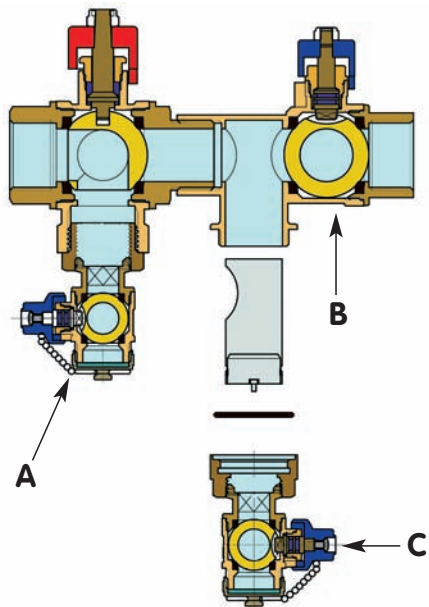
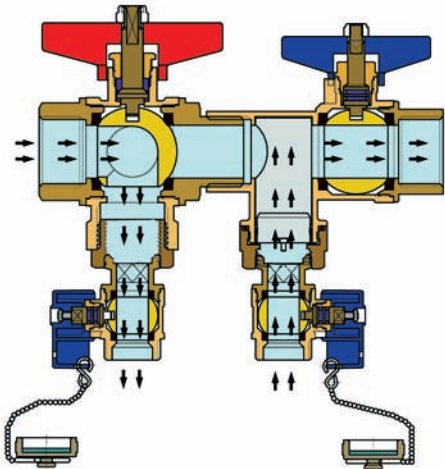
Water hammer is quite common in hydraulic installation with ball valves, mixing valves or valves with electric actuator. The back pressure generated by each starting of the above devices may cause breakages and a noisy installation working; the no shock valves can absorb the water hammer and reduce the installation noise. The Cimberio no shock valves shall be installed upstream the component which may cause water hammer.



Intercepting and filtering kit for geothermal circuit

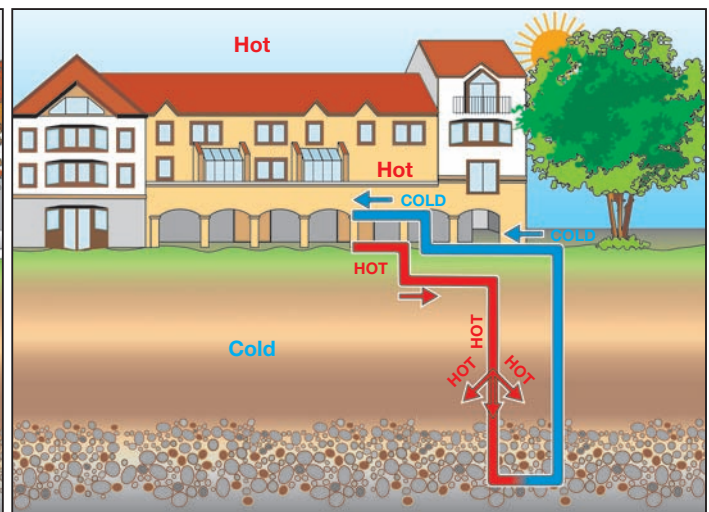
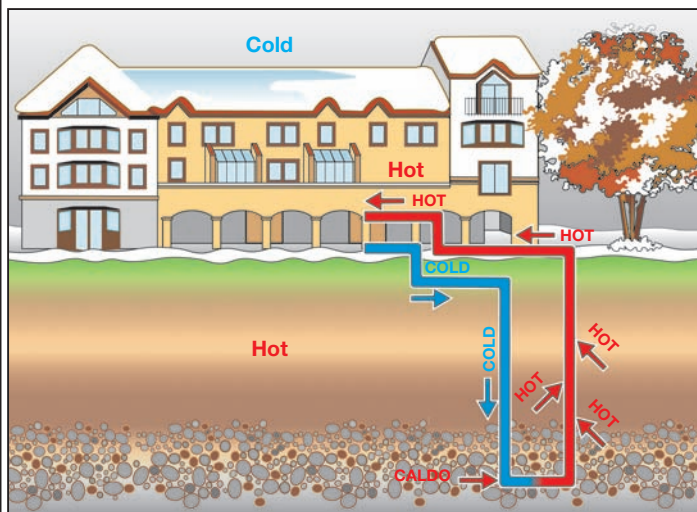
The installation with heating pump connected to the geothermal probes has lately become the most popular application both in residential and industrial installations, being an interesting alternative to traditional heating systems stoked by wooden, liquid or gas fuels, having also a better effect to the environmental protection. The Cimberio filtering system, which must be installed to the geothermal probes system end, enables the fluid interception and filtration, which is essential for a correct working of the system and which must be done immediately after the connection to the plant.

The Cimberio geothermal installation system is offered with different connection ends (female/male/compression and press end connections Cimpress).



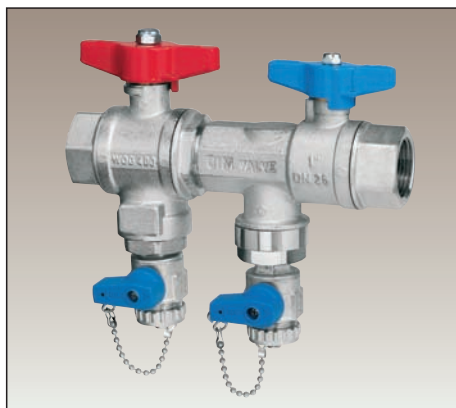
INSTALLATION

1. Connect the filling valve to the pipes, when using CIMPRESS ends, be aware that both M and V jaws can be used (profile V from mm.15 to mm.54 - profile SA and M from 15mm to mm.35).
2. Be sure that the valve is installed in the right flow direction (see drawing on the left) with inverted installation, the strainer must be turned 180°, in order to have the opening correctly positioned.
3. Connect the external open container to the filling valves "C" (3/4" male).
4. Once the circuit is filled, close the valves A and B.
5. Clean the filter as shown in the drawing.
6. Replace the filter and C valve.
7. Open the main valves: the handles of the main valves shall be parallel to the pipe when finished.
8. Fit the CIM 728EPS insulation around the valve.

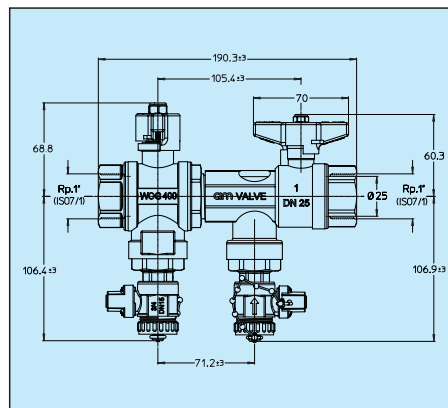


cim C3727

INTERCEPTING AND FILTERING KIT FOR GEOTHERMAL CIRCUIT - F/F ENDS

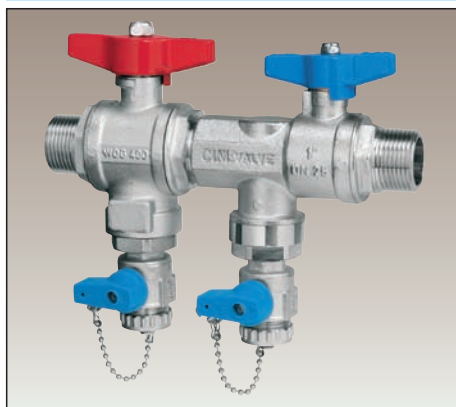


DN	1" x 1"
Box	25
Cart.	100

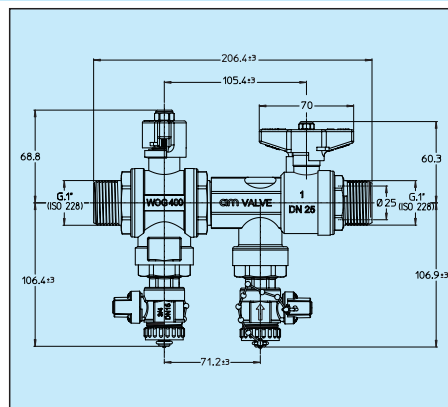


cim C3728

INTERCEPTING AND FILTERING KIT FOR GEOTHERMAL CIRCUIT - M/M ENDS

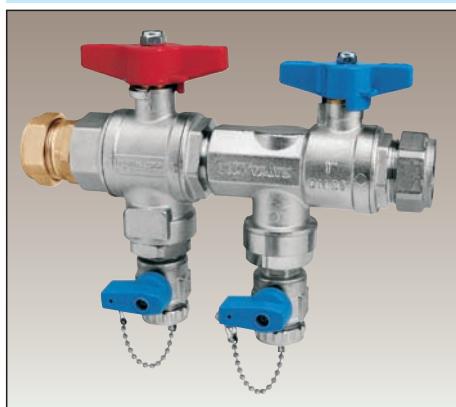


DN	1" x 1"
Box	25
Cart.	100

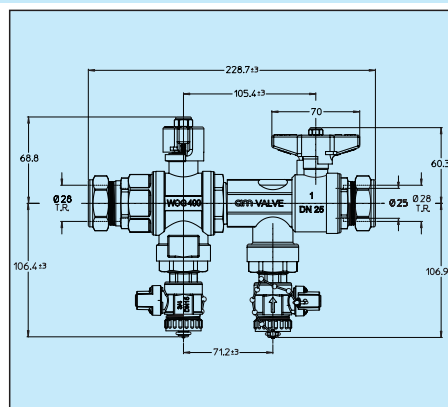


cim C3729

INTERCEPTING AND FILTERING KIT FOR GEOTHERMAL CIRCUIT - COMPRESSION ENDS

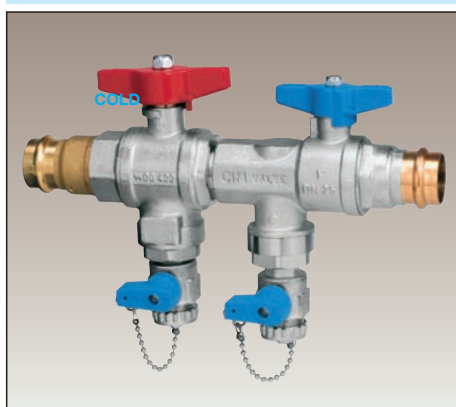


DN	28 x 28
Box	25
Cart.	100

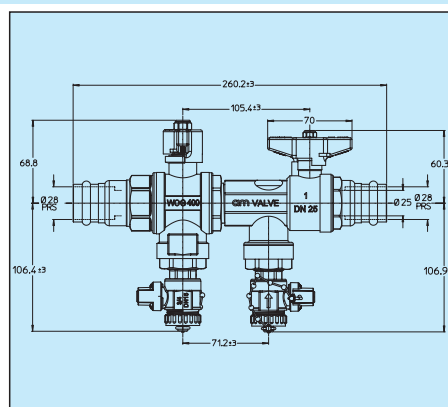


cim C3730

INTERCEPTING AND FILTERING KIT FOR GEOTHERMAL CIRCUIT - PRESS ENDS



DN	28 x 28
Box	25
Cart.	100



OEM division

cim C3764/5



1 1/2" x 35

cim 46 OCF



1/2 x 1/2

cim 47 OCF



3/4 x 3/4

cim 15761



3/4 x 3/4 1" x 1"

cim 202 OC



1/2

cim 202 OCG



3/4

cim 311 RMG



3/4

cim 3994



3/4 x 3/4

cim 460/1B



3/4 x 3/4 1" x 1"

cim 460/1R



3/4 x 3/4 1" x 1"

cim 5643



1/2 x 1/2 3/4 x 3/4

cim 3150



1/2 x 1/2 x 3/8

cim 3134 BL



1/2 x 1/2 3/4 x 3/4

cim 3134 RS



1/2 x 1/2 3/4 x 3/4

cim 25346/A



3/4 x 3/4

cim 25369



1/2 x 1/2 x 3/8