



ΧΡΥΣΑΦΙΔΗΣ Α.Ε.

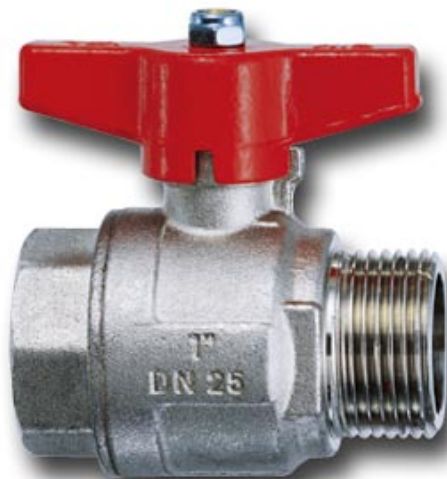
valve
cimberio

2938xxA 1/2

CIM 301/14

ΣΦΑΙΡΙΚΟΙ ΚΡΟΥΝΟΙ ΜΕΒ

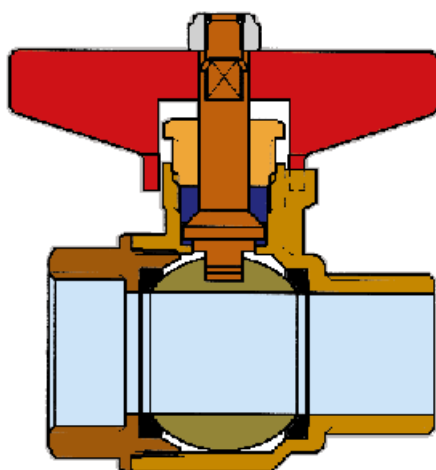
FULLWAY BALL VALVE - TYPES T14 - BUTTERFLY ALLUMINIUM HANDLE



SERVICE RECOMMENDATIONS:

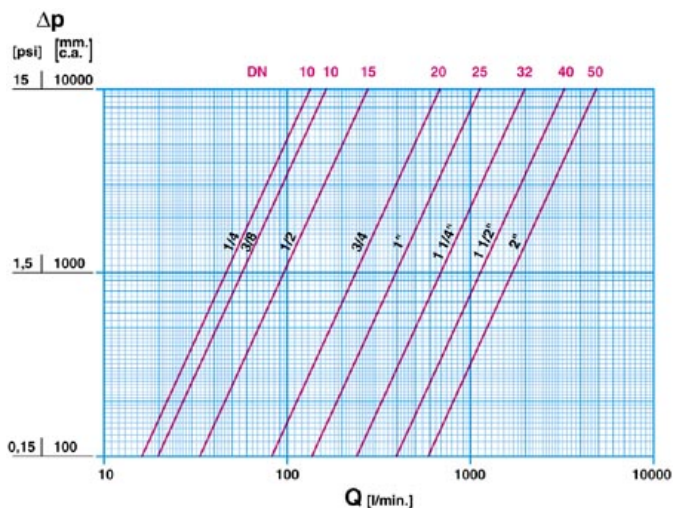
The CIM 14 ball valve is manufactured in accordance with EN29000 - ISO9000 and can be used for: domestic and commercial plumbing, industrial applications, agricultural requirements and heating, sanitary, pneumatic systems, waterworks, oil pipelines, oil, gasoline networks, saturated steam or high temperature, hot water services, condensate lines and is suitable for petrol and other hydrocarbon services, generally with every non aggressive fluid

CROSS SECTION



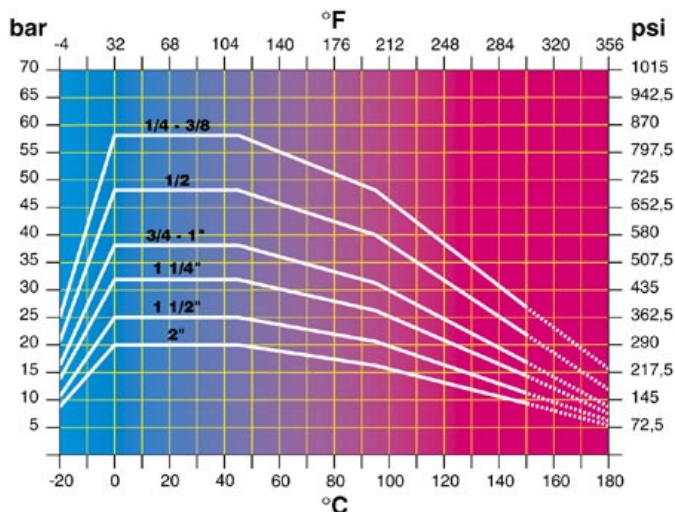
NUT :	SELF LOCKING TYPE
HANDLE :	ALLUMINIUM ALLOY AL-SI 12
STEM :	MACHINED FROM DRAWN BRASS BAR EN12164 CW 614N
GLAND SCREW :	MACHINED FROM DRAWN BRASS BAR EN12164 CW 614N
STEM GASKETS :	P.T.F.E.
SCREWED ENDS :	HOT FORGED BRASS EN12165 CW 617N
BALL GASKETS :	P.T.F.E.
BALL :	HOT FORGED BRASS EN12165 CW 617N

FLOW AND PRESSURE DROP



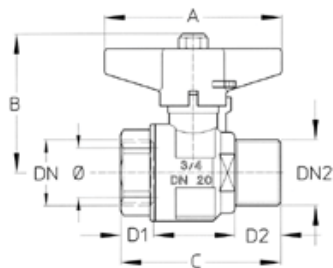
Flow and pressure drop
 1 l/min = 0,006 m³/h
 1 m³/h = 16,67 l/min

PRESSURE TEMPERATURE RATINGS



Pressure / temperature ratings
 1 bar = 14,5 p.s.i.
 $^{\circ}\text{C} = 5/9 (^{\circ}\text{F} - 32)$
 $^{\circ}\text{F} = 32 + 9/5 ^{\circ}\text{C}$

TECHNICAL DRAWING



DN	1/4	3/8	1/2	3/4	1"	1 1/4"	1 1/2"	2"
Ø mm.	10	10	15	20	25	32	40	50
Gross.	110	110	205	330	490	800	1150	1740
A	43	43	50	70	70	85	100	100
B	36	36	52	56	60	73	89	96
C	46	47	56	63	73	87	101	118
D1	11,5	12,5	12,5	12,5	14	17	18	20
D2	12,5	12,5	15,5	18	18,5	22	23	26
CH1	18	20	25	31	35	47	54	66
CH2	20	20	24	32	40	47	55	69

Connection:
 ISO 228

On request:
 ANSI B.1.20.1 (NPT)

TECHNICAL CHARACTERISTICS

	KV CM CS MT							
DN	1/4	3/8	1/2	3/4	1"	1 1/4"	1 1/2"	2"
Ø mm.	10	10	15	20	25	32	40	50
KV	8	10	17	41	68	123	198	290
CM	1	1	3	5	6	7	10	13
CS	2	2	6	10	12	14	20	26
MT	10	10	10	24	24	45	90	90

KV = Capacity in m³/h at pressure drop of 1 bar

CM = Working torque in Nm.

CS = Starting torque in Nm.

MT = Maximum torque on the stem in Nm.



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