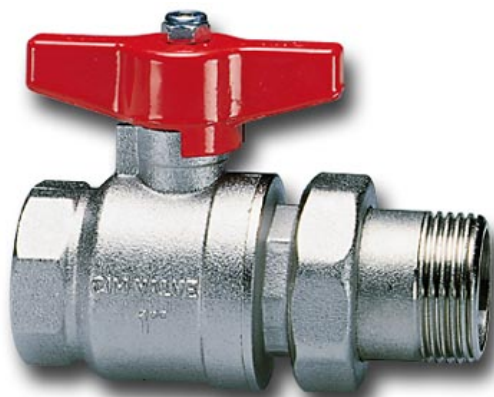


CIM 346

ΣΦΑΙΡΙΚΟΙ ΚΡΟΥΝΟΙ

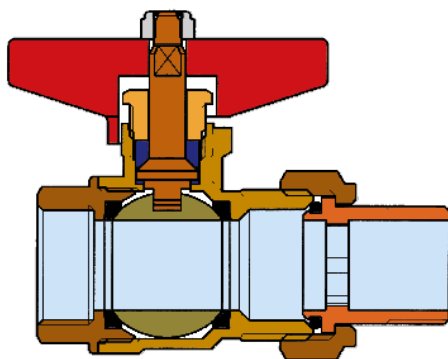
FULLWAY BALL VALVE MALE UNION JOINT - TYPES T14 - BUTTERFLY ALLUMINIUM HANDLE



SERVICE RECOMMENDATIONS:

The CIM 346 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

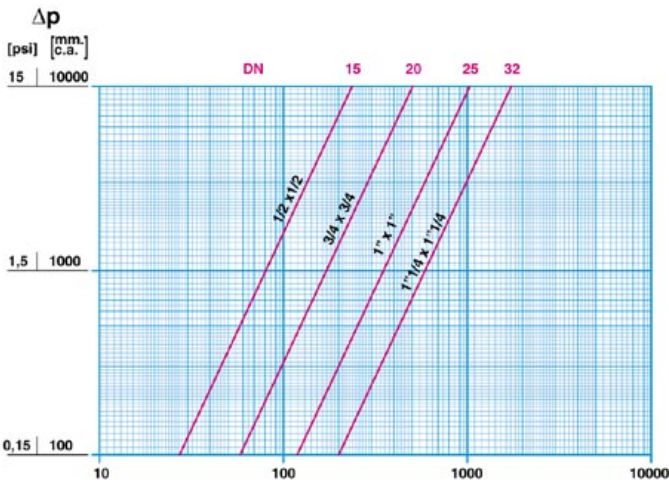


NUT :	SELF LOCKING TYPE
HANDLE :	ALLUMINIUM ALLOY AL-SI 12
STEM :	MACHINED FROM DRAWN BRASS BAR EN12164 CW 614N
CAP :	MACHINED FROM DRAWN BRASS BAR EN12164 CW 614N
STEM GASKETS :	P.T.F.E.
RING GASKET :	P.T.F.E.
SCREWED ENDS :	HOT FORGED BRASS EN12165 CW 617N
BALL GASKETS :	P.T.F.E.
BALL GASKETS :	HOT FORGED BRASS EN12165 CW 617N
BODY :	HOT FORGED BRASS EN12165 CW 617N
BONNET :	HOT FORGED BRASS EN12165 CW 617N
O-RING :	EPDM 75 SH
JOINT :	HOT FORGED BRASS EN12165 CW 617N



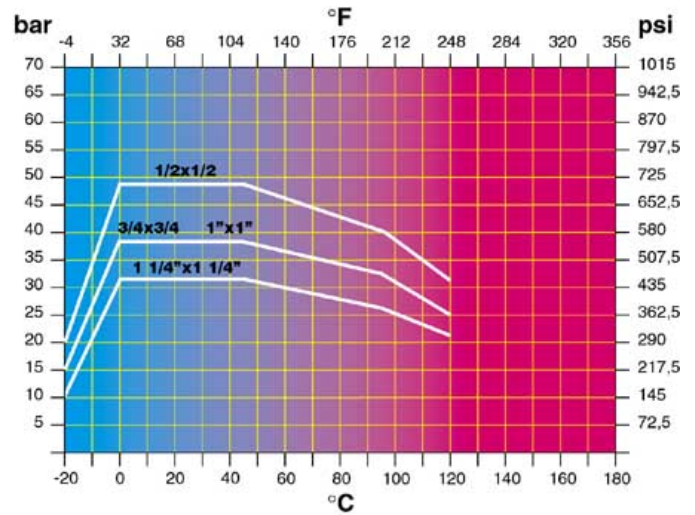
CHRYSSAFIDIS

FLOW AND PRESSURE DROP



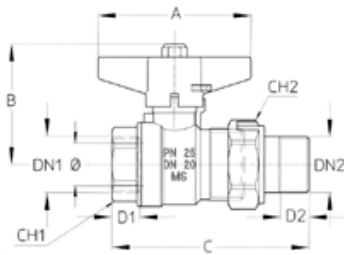
Flow and pressure drop
 1 l/min = 0,06 m³/h
 1 m³/h = 16,67 l/min

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



DN1 x DN2	1/2 x 1/2	3/4 x 3/4	1" x 1"	1 1/4" x 1 1/4"
Ø mm.	15	20	25	32
Grms.	270	435	690	980
A	50	70	70	85
B	52	56	60	73
C	81	91	105	120
D1	12,5	12,5	14	17
D2	11	13	14	14
CH1	25	31	38	47
CH2	31	37	47	52

Connection:
 ISO 228

On request:
 ANSI B.1.20.1 (NPT)

TECHNICAL CHARACTERISTICS

	KV	CM	CS	MT
DN1 x DN2	1/2 x 1/2	3/4 x 3/4	1" x 1"	1 1/4" x 1 1/4"
Ø mm.	15	20	25	32
KV	17	41	68	123
CM	3	5	6	7
CS	6	10	12	14
MT	10	24	24	45

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.

