



CIM 314

ΣΦΑΙΡΙΚΟΙ ΚΡΟΥΝΟΙ

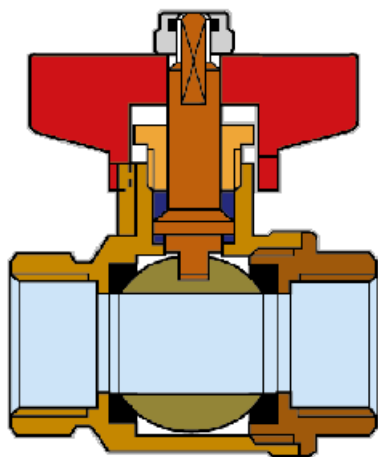
FULLWAY BALL VALVE - PN 25 - TYPES T14 - BUTTERFLY ALLUMINIUM HANDLE



SERVICE RECOMMENDATIONS:

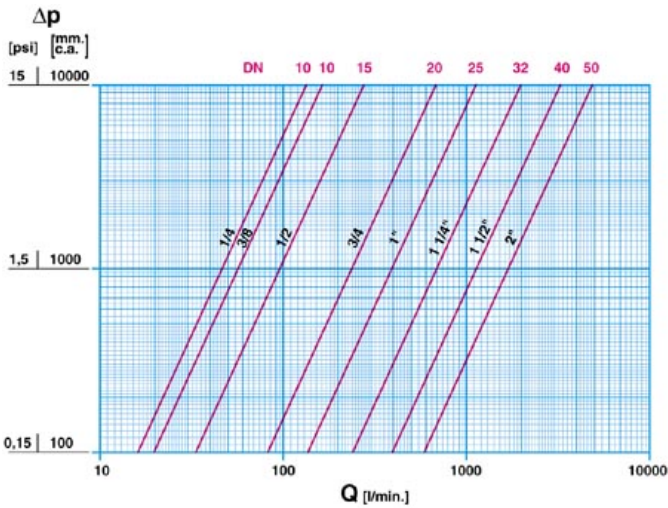
The CIM 314 ball valve is manufactured in accordance with EN29000 - ISO9000 and can be used for: domestic and commercial plumbing, industrial applications, agricultural requirements and heating, sanitary, pneumatic systems, waterworks, oil pipelines, oil, gasoline networks, saturated steam or high temperature, hot water services, condensate lines and is suitable for petrol and other hydrocarbon services, generally with every non aggressive fluid

CROSS SECTION



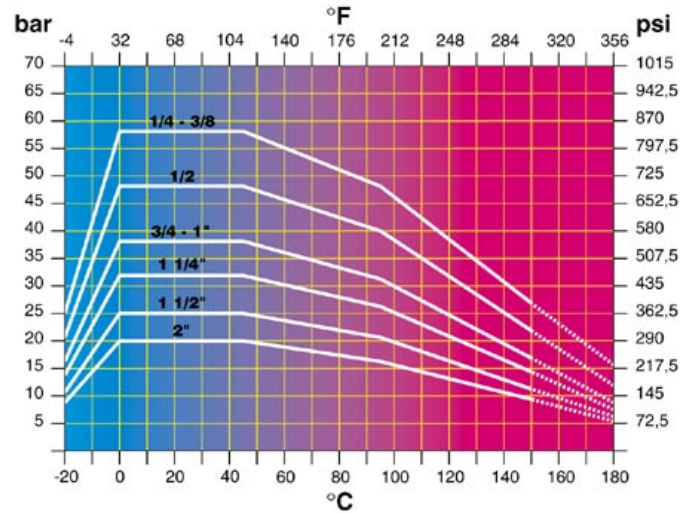
- NUT : SELF LOCKING TYPE
- HANDLE : ALLUMINIUM ALLOY AL-SI 12
- STEM : MACHINED FROM DRAWN BRASS BAR EN12164 CW 614N
- CAP : MACHINED FROM DRAWN BRASS BAR EN12164 CW 614N
- STEM GASKETS : P.T.F.E.
- STEM GASKETS : P.T.F.E.
- SCREWED ENDS : HOT FORGED BRASS EN12165 CW 617N
- BALL GASKETS : P.T.F.E.
-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

FLOW AND PRESSURE DROP



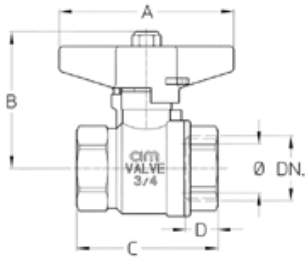
Flow and pressure drop
 1 l/min = 0,06 m³/h
 1 m³/h = 16,67 l/min

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



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
Grms.	115	120	200	330	480	785	1165	1660
A	43	43	50	70	70	85	100	100
B	36	36	52	56	60	73	88	96
C	45	47	52	57	68	61	96	112
D	11,5	12,5	12,5	12,5	14	17	16	20
CH	18	20	25	31	38	47	54	66

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.

