VÁLVULAS DE ESFERA PASO TOTAL IDEAL

092 Válvula de esfera Ideal, paso total

MEDIDA	PRESIÓN	CÓDIGO	EMBALAJE
1/4" (DN 8)	50bar/725psi	0920014/N	15/240
3/8" (DN 10)	50bar/725psi	0920038/N	15/240
1/2" (DN 15)	50bar/725psi	0920012/N	12/132
3/4" (DN 20)	40bar/580psi	0920034/N	8/88
1" (DN 25)	40bar/580psi	0920100/N	8/64
1"1/4 (DN 32)	30bar/435psi	0920114/N	4/32

CERTIFICACIONES

ESPECIFICACIONES

Conexiones roscadas hembra/hembra o macho/hembra.
Mando palanca en acero (aluminio en las medidas 2”1/2 - 3” - 4”) o mando mariposa en aluminio o mando palanca plana en acero recubierta.
Cuerpo de latón niquelado.
Temperatura mínima y máxima de trabajo: -20°C, 150°C en ausencia de vapor.
Attacchi filettati ISO 228 (equivalente a DIN EN ISO 228 e BS EN ISO 228).
Indique “N” solo para la adquisición de la válvula con manilla negra.
Disponible con rosca americana NPT en las medidas de 1/4”a 1”.

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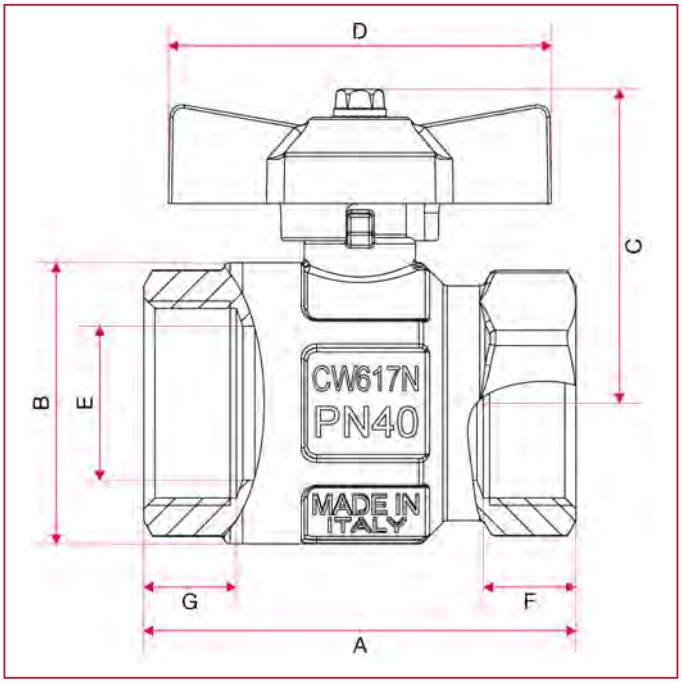
Dimensiones totales



	1/4"	3/8"	1/2"	3/4"	1"	1"1/4
DN	8	10	15	20	25	32
A	44,4	44,4	50,5	57,5	70	80,5
B	23,5	24	30,5	37	45,5	57
C	37	37	41	47	51	64
D	47	47	47	62	62	70
E	10	10	15	20	25	32
F	10	10	12	12,5	15	17
G	10	10	12,5	13,5	15	16,5
Kg/cm2 bar	50	50	50	40	40	30
LBS - psi	725	725	725	580	580	435

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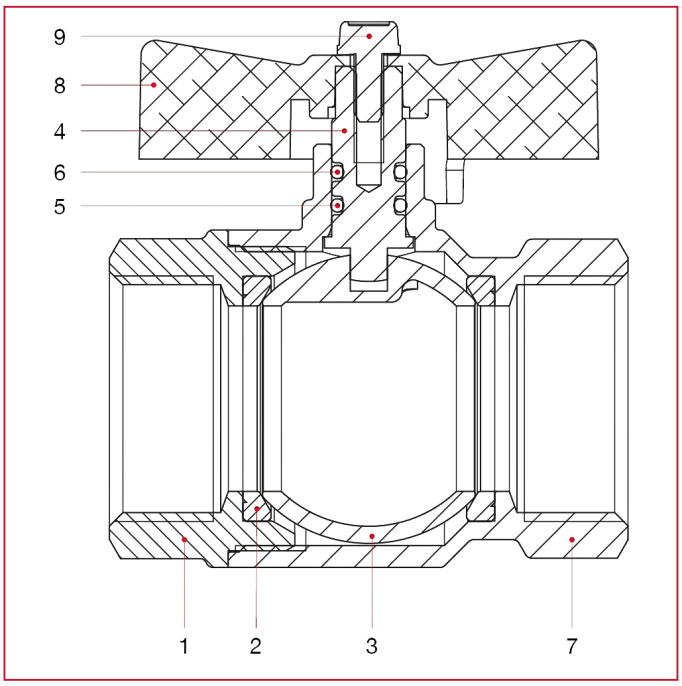
MATERIALES



POS.	DESCRIPCIÓN	N.	MATERIAL
1	Female end adapter	1	Nickel-plated brass CW617N
2	Seat	2	P.T.F.E.
3	Ball	1	Chrome-plated brass CW617N
4	Stem	1	Brass CW614N
5	O-ring	1	NBR
6	O-ring	1	Viton®
7	Body	1	Nickel-plated brass CW617N
8	T handle	1	Varnished aluminium
9	Screw	1	Zinc-plated steel C4C

INSTALACIÓN

The itap S.p.A.'s valves are bi-directional, that means they manage the flow in both the directions.
The valves are composed by a ball, two seal in PTFE material, one stem, two sailing rings (O-Rings), one handle and a couple of parts made of brass (body and end adopter) that contain them and that are assembled by means of threat and a sealed material to obtain their aim.
In order to avoid that the sealed material gets broken and then the valve looses the connection between the body and the end-adapter, it's necessary to avoid to submit the two parts under the influence of a torque.
For the installation normal hydraulic practices must be used, and especially:
- ones have to be sure that the two pipes are correctly aligned;
- during the assembling process the installer has to apply its assembling tools at the end that is nearest to the pipe;
- the application of the sealing materials by the fitter (PTFE or hempen cloth) must be limited at the threat zone. An excess should interferes in the ball-gasket's closure zone, compromising the tightness.
- in the case that the fluid transported presents some impurities (dust, water too hard, etc.) ones have to remove these impurities by the means of a filter. Otherwise they could damage the seals.

DESINSTALAR

To remove the valve from the pipe line or anyhow before to unscrew the junctions linked to it:
- wear the clothing protective normally required to work with the fluid transported within the line;
- depressurizze the line and operate in this way:
  - positioning the valve in opened position and than empty the line;
  - handle the valve to put down the residue pressure contained inside the space between the ball and the body before of remove it from the line;
  - during the disassembly apply the screw tool at the end of the valve nearest the pipe;

MANTENIMIENTO

Verify the valve periodically, according to its application's field and its works' field and its work's conditions, in order to be sure that the valve works correctly.

FABRICANTE

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DIAGRAMA DE PÉRDIDAS DE CARGA (con agua)

	1/4"	3/8"	1/2"	3/4"	1"	1"1/4
KV	3,45	5,00	15,65	26,26	41,44	63,69

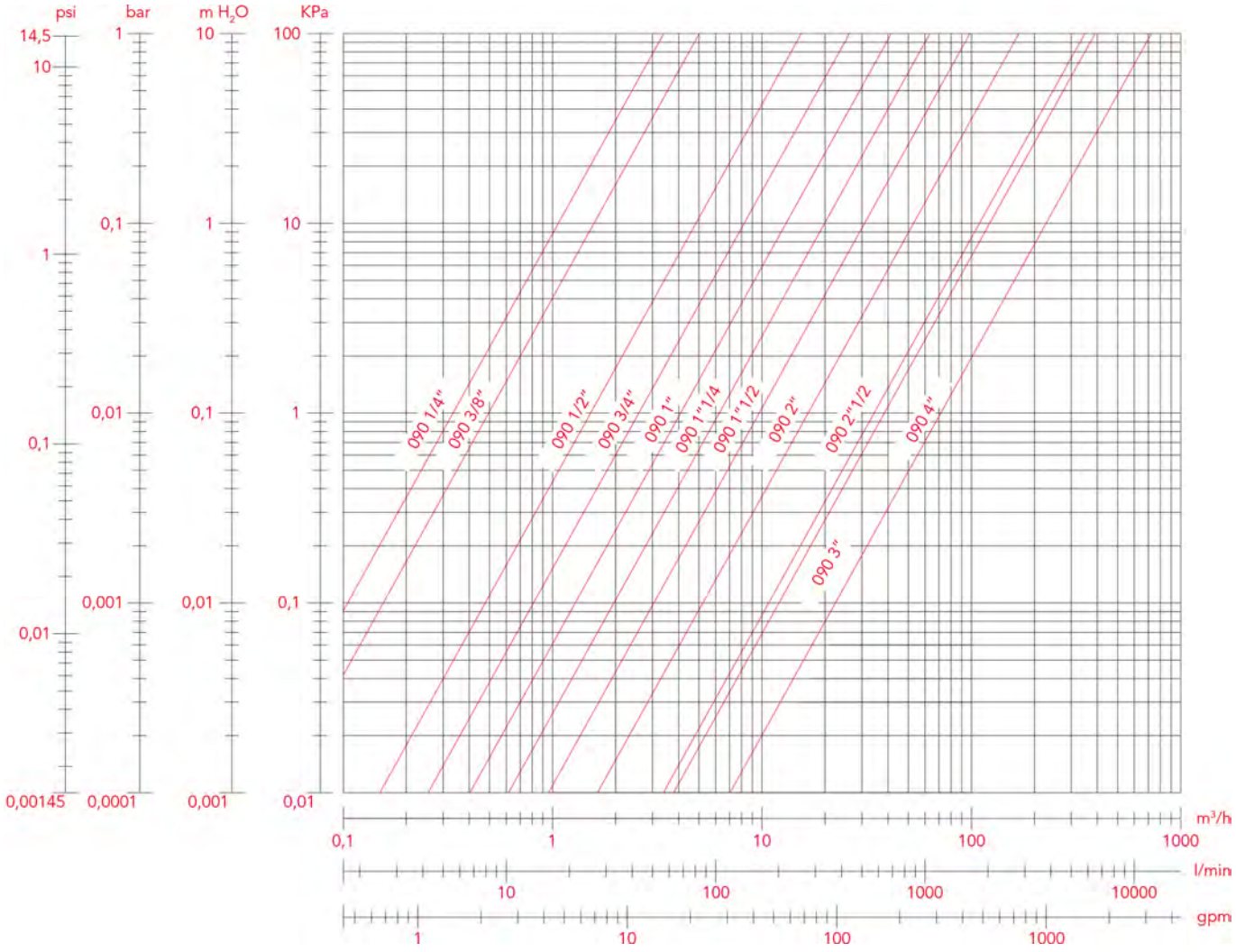

DIAGRAMA DE PRESIÓN-TEMPERATURA

The values shown by the dropping lines state the maximum limit of employment of the valves.
The shown values are approximate.