

# ball valve with filter

## Art. 514

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**514**  
**514F**

F/F Ball valve with filter in hot forged brass. Nickel plated.

**PN 16. Max. 150°C.**

End threaded to ISO 228 (DIN 259 BSP 2779)

Art. 514 with steel lever.

Art. 514F with zinc plated and epoxy resin painted steel asymmetric T-handle with holes for sealing operation.

Sizes: 1/2", 3/4", 1" and 1 1/4"

### WORKING PRESSURE

for saturated steam (+150°C)

5 bar

for water, oil and non aggressive fluids

16 bar

### WORKING TEMPERATURE

Min. -20°C

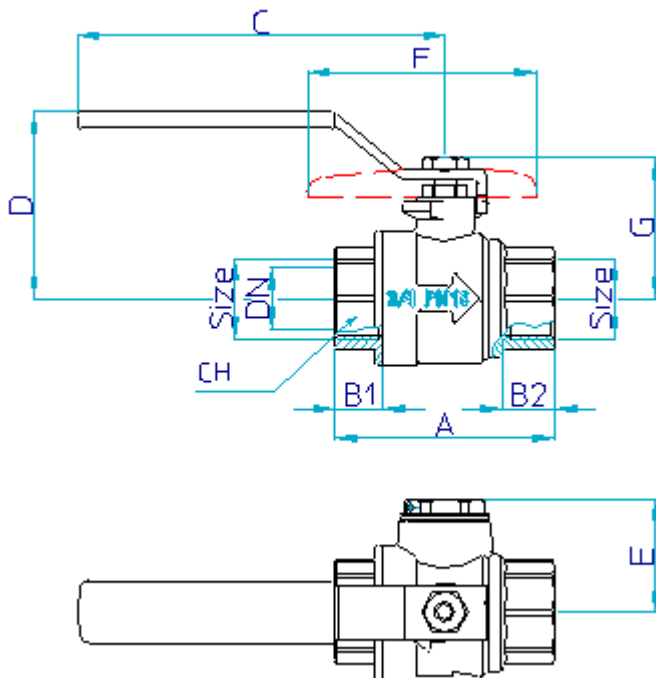
Max. +150°C

### TEST PRESSURE

seal pneumatic test

6,5 bar

### Dimensions



### COMPONENTS MATERIAL-TREATMENT Q.

Handle	Steel; Dacromet plated; PVC covered	1
Nut	Brass CW614N; Nickel plated	1
Stem	Brass CW614N	1
Packing gland	Brass CW614N	1
Stem O-ring	E.P.D.M. Peroxid	2
Tailpiece	Brass CW617N; Nickel plated	1
Ball seals	P.T.F.E.	2
Ball	Brass CW617N; Chrome plated	1
Body	Brass CW617N; Nickel plated	1
Filter	Stainless steel	1
Circlip	Stainless steel / Phosphorated Bronze	1
Stopper	Brass CW614N; Nickel plated	1
Stopper O-ring	E.P.D.M. Peroxid	1

Size	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
A	-	-	72	72	90	111	-	-
B1	-	-	16	17	21	23	-	-
B2	-	-	16	17	21	23	-	-
C	-	-	120	120	120	156	-	-
D	-	-	62	62	67	86	-	-

E	-	-	37	37	46,5	52,5	-	-
F	-	-	75	75	75	n.a.	-	-
G	-	-	47	47	52	66	-	-
CH	-	-	32	32	40	49	-	-
DN	-	-	15	20	25	32	-	-
Gr.	-	-	540	488	785	1300	-	-
Kv	-	-	5,3	5,6	12	20	-	-
<b>M.Carton</b>								
514 - 514F	-	-	75	75	48	16	-	-

Kv: Flow rate in m<sup>3</sup>/h with pressure loss of 1 bar (with 0,5 mm filtering mesh)

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