



EKO

angled ball cock

MATERIAL SPECIFICATION

COMPONENT	MATERIAL	DESCRIPTION
Body	CW 617 N UNI EN 12165	Nickel-plated forged brass
End adapter	CW 617 N UNI EN 12165	Nickel-plated forged brass
Ball	CW 614 N UNI EN 12164	Nickel-chrome-plated forged brass
Ball gaskets	P.T.F.E.	Pure Teflon
Stem	CW 614 N UNI EN 12164	Forged brass
O-rings	NBR	Black rubber
Lever	AL UNI 5076	Blue plastic-coated aluminium
Screw	8G Steel	Zinc-plated steel
Flow strainer	PE Resin	Forged
Hose connector	CW 617 N UNI EN 12165	Nickel-plated die-cast brass
Hose connector gasket	NBR	Black rubber, crack-off
Nut	CW 617 N UNI EN 12165	Nickel-plated forged brass



EKO S.080

3/8" LVI 6580 510
1/2" LVI 6580 512
3/4" LVI 6580 514



EKO S.082

3/8" LVI 6580 520
1/2" LVI 6580 522
3/4" LVI 6580 524
1" LVI 6580 526



EKO-MATIC S.071

1/2" LVI 6580 530

END CONNECTIONS

Ends are ISO 228/1 threaded.

APPLICATIONS

Hot and cold water, compressed air, oils, non corrosive fluids, fuels.

For any special uses see the table of chemical resistance.

WORKING PRESSURE

Max PN 16.

See pressure/temperature diagram.

TEMPERATURE LIMITS

-5°C + 90°C

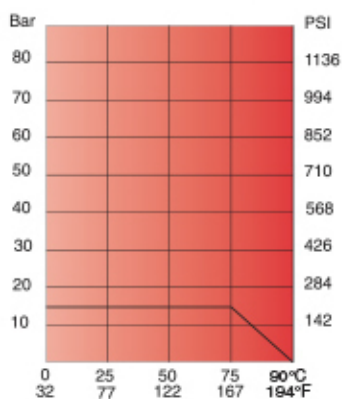
See pressure/temperature diagram.

NOTE:

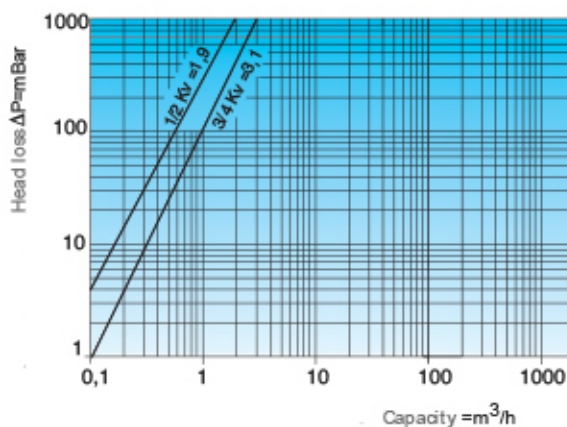
According to UNI EN 13828 in presence of water which could be aggressive for brass alloy, as agree with UNI EN ISO 6509 standard, is necessary the brass alloy CW602N. The manufacture is available on request.

EKO ball valves are manufactured in accordance with EN 13828 standard.

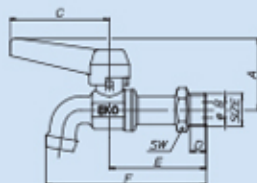
Pressure/temperature diagram
(test carried out with water)



Loss of head diagram



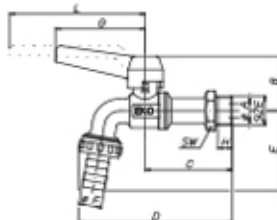
Art. S.0080 EKO



Angled ball bib cock with male thread, with handle in aluminium, nickel-plated.

SIZE	K"	1/4"							
A mm	45,5	47,5							
aB bore	10	12,5							
C mm	63	83							
D mm	12	14							
E mm	81,2	86,65							
F mm	101	113							
SW mm	25	30							
Weight g.	224	333							

Art. S.0082 EKO

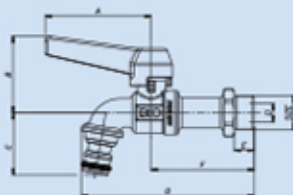


Available on request NPT threads.

Angled ball bib cock, male threaded with lever, nickel-plated.

SIZE	1/4"	K"	3/4"	1"					
aA bore	10	10	12,5	17,5					
B mm	44,5	45,5	47,5	48,5					
C mm	53	81,2	86,65	83,5					
D mm	95	108	122	152					
E mm	50	57	65	79					
aF mm	14,5	18	19,5	27					
G mm	63	63	63	-					
H mm	10	12	14	15,5					
L mm	-	-	-	95					
SW mm	20	25	30	37					
Weight g.	199	254	393	610					

Art. S.0071 EKO-MATIC



Angled ball bib cock, male threaded with lever, with quick fit, nickel-plated.

SIZE	K"								
aA mm	63								
B mm	45,5								
*C mm	37,5								
aD bore	10								
E mm	12								
F mm	81,2								
*G mm	103								
SW mm	25								
Weight g.	257								