

CIM 30

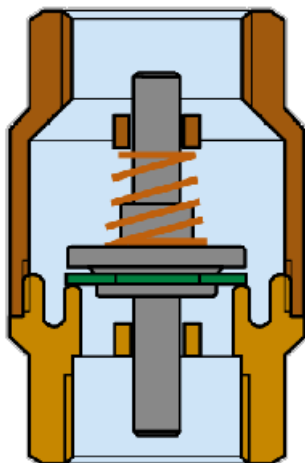
"SPRINT" SPRING LOADED NON RETURN VALVE



SERVICE RECOMMENDATIONS:

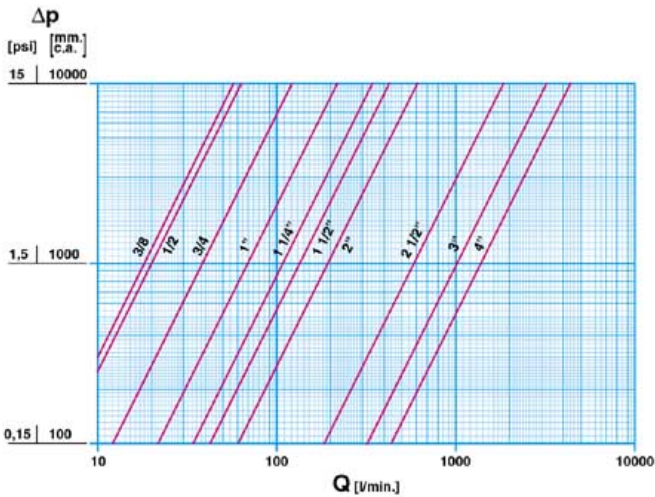
The CIM 30 - PN 20 "sprint" non return valve is manufactured in accordance with EN ISO 9002 and can be used for: sanitary, compressed air system, pumps, and autoclaves: the article CIM 30/DK is used for fuel distribution networks, while CIM 30/VA for steam up to 7 bar at 170°C. It is suitable for installation either in vertical, horizontal or oblique pipelines to allow flow in one direction.

CROSS SECTION



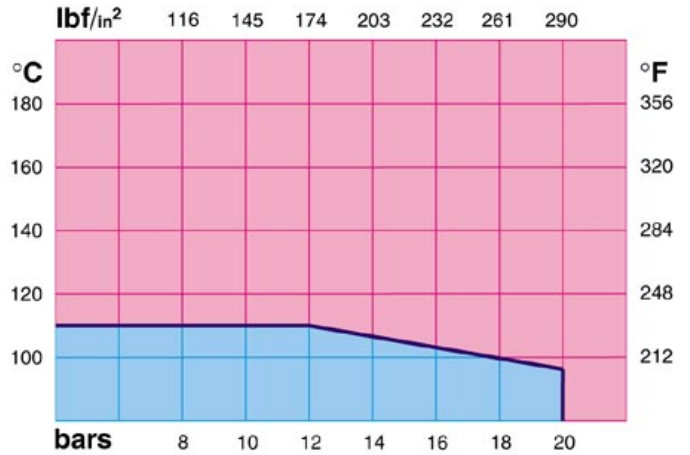
BODY :	MACHINED FROM DRAWN BRASS BAR EN12164 CW 617N
END CONNECTOR :	MACHINED FROM DRAWN BRASS BAR EN12164 CW 617N
INNER VALVE :	CIM 30 : HOSTAFORM
INNER VALVE :	CIM 30 DK : HOSTAFORM
INNER VALVE :	CIM 30 VA : SUPEC G.401
INNER VALVE PACKING :	CIM 30 : NBR
INNER VALVE PACKING :	CIM 30 DK : FKM
INNER VALVE PACKING :	CIM 30 VA : FKM
SPRING :	STAINLESS STEEL 18/8

FLOW AND PRESSURE DROP



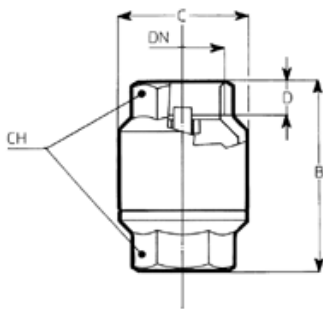
Flow and pressure drop
 1 l/min = 0,06 m³/h
 1 m³/h = 16,67 l/min

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	3/8	1/2	3/4	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
Grms.	175	155	240	370	480	915	1320	2505	3490	5140
B	55	55	62	72	82	96	109	129	141	146
C	35	35	42	50	60	70	83	103	123	160
D	10	12	13	14	16	18	20	25	25	26
CH	25	25	31	39	48	55	67	88	100	123

Connection:
 ISO 228

On request:
 ANSI B.1.20.1 (NPT)

TECHNICAL CHARACTERISTICS

KV

DN	3/8	1/2	3/4	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
KV	3,4	3,7	7,0	13	21	25	38	108	192	264

KV = Capacity in m³/h at pressure drop of 1 bar

KVS = Water flow generated by a pressure loss of 1 bar measured on the test points.