

CIM 32

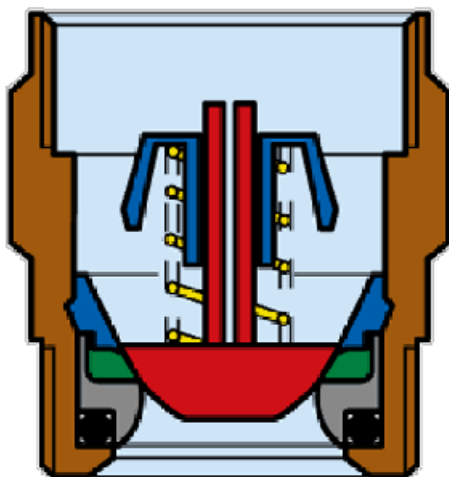
"SPRINT" SPRING LOADED



SERVICE RECOMMENDATIONS:

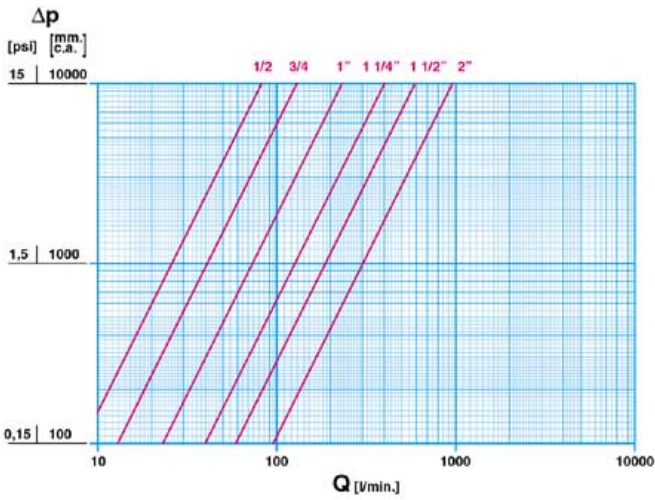
The CIM 32 - PN 16 "sprint" non return valve is manufactured in accordance with EN ISO 9002 and can be used for: heating, sanitary, compressed air systems, pumps, and autoclaves. The article CIM 32/DK is used for fuel distribution networks. It is suitable for installation either in vertical, horizontal or oblique pipelines at low or high pressure to allow flow in one direction.

CROSS SECTION



BODY :	HOT FORGED BRASS EN12165 CW 617N
INNER VALVE SEAT :	POM
INNER VALVE SEAT :	POM
GUIDE :	POM
INNER VALVE PACKING :	CIM 32 :NBR
INNER VALVE PACKING :	CIM 32 DK :FKM
SPRING :	STAINLESS STEEL 18/8
O'RING :	NBR/FKM

FLOW AND PRESSURE DROP



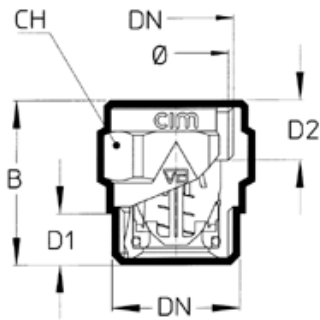
Flow and pressure drop
 1 l/min = 0,06 m³/h
 1 m³/h = 16,67 l/min

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	1/2	3/4	1"	1 1/4"	1 1/2"	2"
Ø mm.	18	20	28	32	40	50
Grms.	50	95	160	260	360	715
B	35	36	44	49	57	75
D1	13,5	13,5	15	17	19	22
D2	14,5	14,5	15,5	17	19	20
CH	25	31	38	47	54	66

Connection:
 ISO 228

On request:
 ANSI B.1.20.1 (NPT)

TECHNICAL CHARACTERISTICS

KV

DN	1/2	3/4	1"	1 1/4"	1 1/2"	2"
KV	4,6	8,2	13,3	24	36	57

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.