

CIM 50

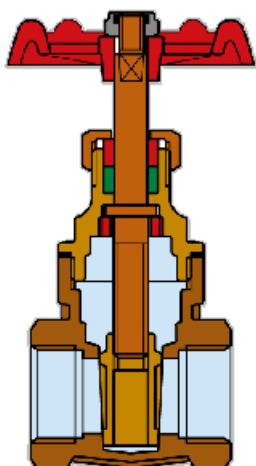
FULLWAY COMPACT GATE VALVE



SERVICE RECOMMENDATIONS:

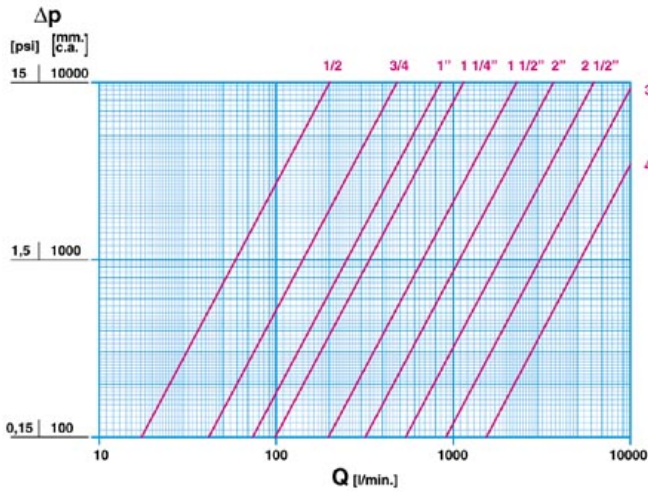
The CIM 50 gate valve is manufactured in accordance with EN ISO 9002 and can be used in a wide range of plants, in any industrial and agricultural application: heating plants, sanitary systems, plumbing services, waterworks, steam, gasoline networks, petroleum and other hydrocarbons.

CROSS SECTION



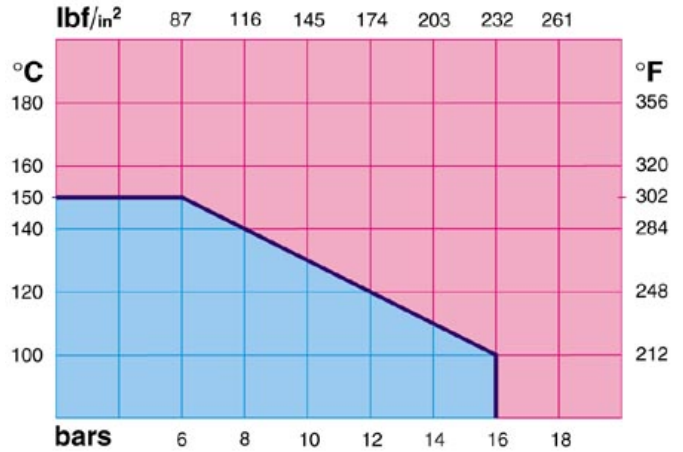
BODY :	HOT FORGED BRASS EN12165 CW 617N
BONNET :	HOT FORGED BRASS EN12165 CW 617N
STEM :	MACHINED FROM DRAWN BRASS BAR EN12164 CW 614N
WEDGE :	HOT FORGED BRASS EN12165 CW 617N
STEM RING :	MACHINED FROM DRAWN BRASS BAR EN12164 CW 614N
PACKING :	NA 1030 Gr
GLAND NUT :	MACHINED FROM DRAWN BRASS BAR EN12164 CW 614N
GLAND PACKING :	AF 15/MA
GLAND :	MACHINED FROM DRAWN BRASS BAR EN12164 CW 614N
NUT :	SELF LOCKING TYPE
HANDWHEEL :	ALUMINIUM ALLOY AL/SI 12

FLOW AND PRESSURE DROP



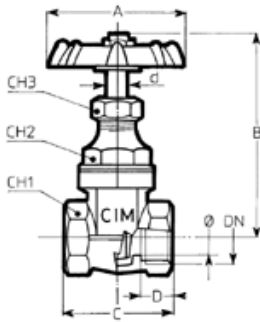
Flow and pressure drop
 1 l/min = 0,06 m³/h
 1 m³/h = 16,67 l/min

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"	2 1/2"	3"	4"
Ø mm.	14	17	23	28	33	45	58	68	86
Grms.	215	255	355	500	690	1100	2160	3010	5080
A	50	55	60	65	65	80	110	110	120
B	79	80	96	100	114	136	180	200	240
C	42	46	50	55	60	67	69	77	91
D	12	12	14	16	17	18	16	18	20
CH1	25	31	38	47	55	68	85	97	125
CH2	24	24	30	32	32	45	55	66	88
CH3	18	18	18	18	21	23	30	30	33
d	8	8	8	8	9	10	13	13	14

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"	2 1/2"	3"	4"
Ø mm.	14	17	23	28	33	45	58	68	86
KV	12	29	51	68	138	222	366	624	1065

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

CS = Starting torque in Nm.