

CIM 70BS

FULLWAY KITE MARKED GATE VALVE BS 5154 / B TYPE - PN20



SERVICE RECOMMENDATIONS:

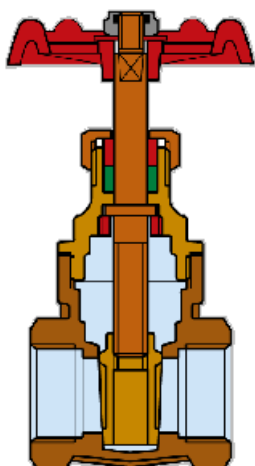
The CIM 70/BS gate valve can be used for: heating plants, sanitary systems, plumbing services, waterworks, gasoline networks, pneumatic systems and steam.

Valve sizes 1/2 to 3" are manufactured and approved to BS 5154/B - PN 20.

Valve sizes 1/4, 3/8, 4" are not covered by

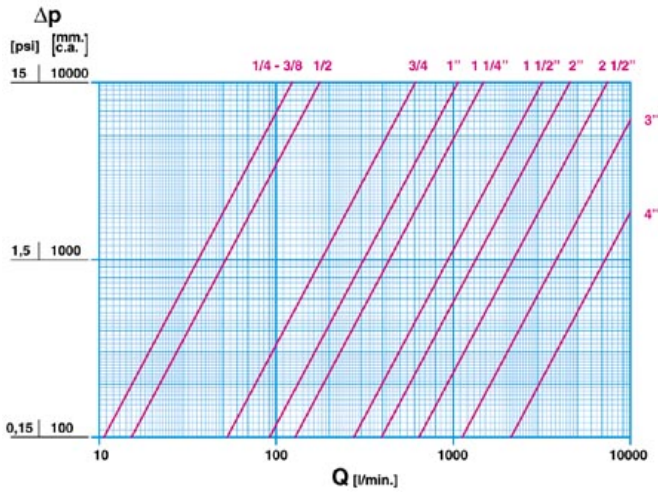
BS 5154 but their construction conforms to BS 5154 as far as applicable.

CROSS SECTION



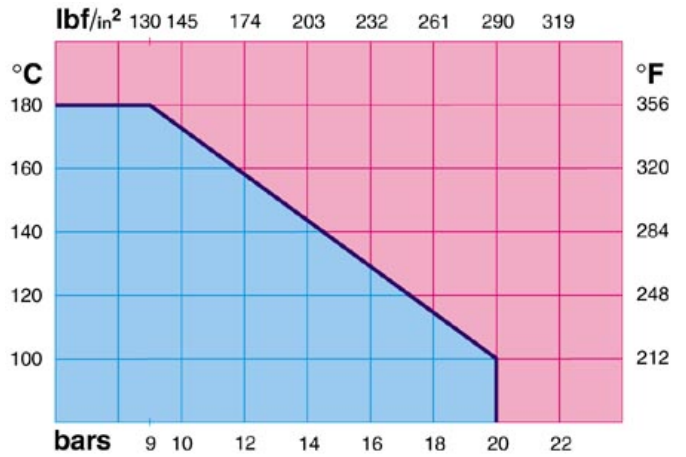
BODY :	HOT FORGED BRASS EN12165 CW 617N
BONNET :	HOT FORGED BRASS EN12165 CW 617N
STEM :	MACHINED FROM DRAWN BRASS BAR EN12164 CW 614N
WEDGE :	HOT FORGED BRASS EN12165 CW 617N
STEM RING :	MACHINED FROM DRAWN BRASS BAR EN12164 CW 614N
PACKING :	NA 1030 Gr
GLAND NUT :	MACHINED FROM DRAWN BRASS BAR EN12164 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



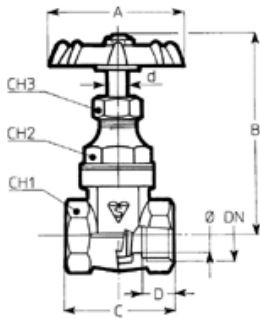
Flow and pressure drop
 1 l/min = 0,06 m³/h
 1 m³/h = 16,67 l/min

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	1/4	3/8	1/2	3/4	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
Ø mm.	12	12	13	19	25	32	39	50	64	77	102
Grms.	190	180	265	390	535	810	1150	1805	3520	5330	8960
A	50	50	55	60	65	75	80	90	120	140	175
B	71	71	79	96	106	122	139	166	210	247	290
C	40	40	44	48	55	61	65	71	92	98	106
D	11	11	12	13	15	16	19	19	23	25	25
CH1	23	23	27	33	40	50	56	69	85	101	132
CH2	20	20	22	24	26	32	42	52	60	80	110
CH3	17	17	19	21	21	25	25	29	33	37	45
d	7	7	8	8	9	10	11	12	16	17	19

Connection:
 ISO 7 RP (Parallel)

On request:
 ISO 7 RC (Taper)
 ANSI B.1.20.1 (NPT)

TECHNICAL CHARACTERISTICS

KV

DN	1/4	3/8	1/2	3/4	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
Ø mm.	12	12	13	19	25	32	39	50	64	77	102
KV	7	7	10	36	61	90	189	276	450	786	1476

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

CS = Starting torque in Nm.