

CAST IRON SLUICE VALVES

CLASS 125

SPECIFICATIONS

BOLTED BONNET, INSIDE SCREW & NON RISING STEM, FLANGED ENDS AS PER ANSI.B 16.1 CLASS 125, UNLESS OTHERWISE SPECIFIED IN THE CONTRACT.

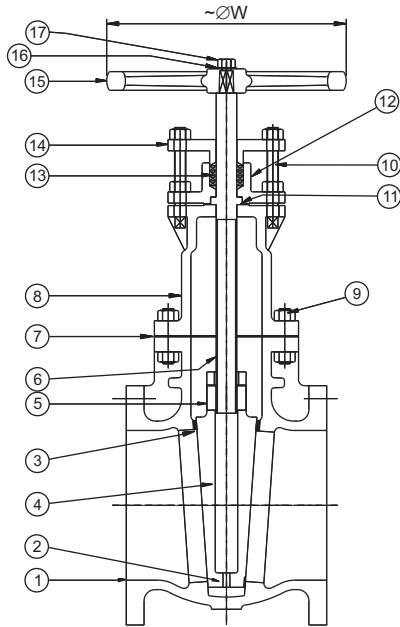
MAX. PERMISSIBLE WORKING PRESSURE

SIZES ≤ 300 mm

13.8 bar FOR WATER SUPPLY UPTO 45°C

SIZES > 300mm < 600mm

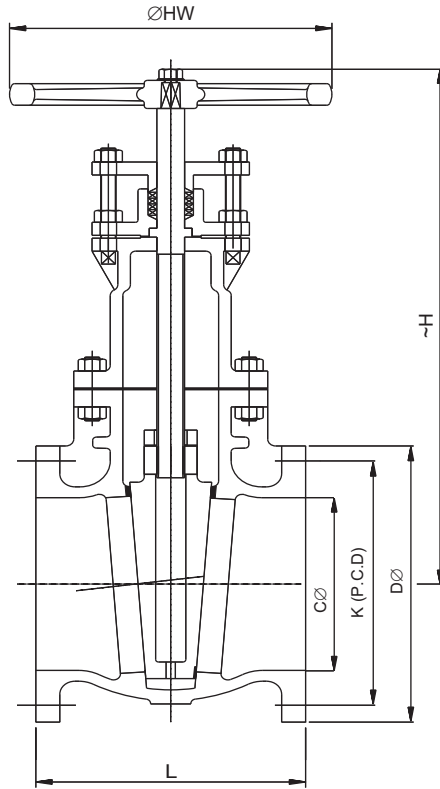
10.3 bar FOR WATER SUPPLY UPTO 45°C



STANDARD MATERIAL COMBINATION

P.NO	QTY.	DESCRIPTION	MATERIALS	
			Cu. ALLOY TRIM	ALL IRON
1	1	BODY	C.I TO EN 1561 Gr. GJL200	C.I TO EN 1561 Gr. GJL200
2	2	BODY SEAT FACING	G.M. TO EN 1982 Gr. CC491K (RENEWABLE)	C.I TO EN 1561 Gr. GJL200 (INTEGRAL)
3	1	WEDGE FACING	G.M. TO EN 1982 Gr. CC491K (RENEWABLE)	C.I TO EN 1561 Gr. GJL200 (INTEGRAL)
4	1	WEDGE	C.I TO EN 1561 Gr. GJL200	C.I TO EN 1561 Gr. GJL200
5	1	WEDGE NUT	C.I TO EN 1561 Gr. GJL491K	C.I TO EN 1561 Gr. GJL200
6	1	STEM	HT. BRASS TO IS 6912 Gr. FHTB1	CARBON STEEL TO IS 2062 Gr.B
7	1	BONNET GASKET	COMPRESSED FIBRE TO IS 2712 Gr.C	COMPRESSED FIBRE TO IS 2712 Gr. C
8	1	BONNET	C.I TO EN 1561 Gr. GJL200	C.I TO EN 1561 Gr. GJL200
9	TO SUIT	BOLTS NUTS	CARBON STEEL TO BS 916	CARBON STEEL TO BS 916
10	2 4	T-HEAD BOLTS NUTS	CARBON STEEL (MIN.UTS 392/mm2) CARBON STEEL TO BS 916	CARBON STEEL (MIN.UTS 392/mm2) CARBON STEEL TO BS 916
11	1	GASKET	COMPRESSED FIBRE TO IS 2712 Gr.C	COMPRESSED FIBRE TO IS 2712 Gr. C
12	1	STUFFING BOX	C.I TO EN 1561 Gr. GJL200	C.I TO EN 1561 Gr. GJL200
13	-	GLAND PACKING	JUTE & HEMP TO IS 5414 OR ASBESTOS TO IS 4687	JUTE & HEMP TO IS 5414 OR ASBESTOS TO IS 4687
14	1	GLAND	C.I TO EN 1561 Gr. GJL200	C.I TO EN 1561 Gr. GJL200
15	1	HAND WHEEL	C.I TO EN 1561 Gr. GJL200	C.I TO EN 1561 Gr. GJL200
16	1	WASHER	CARBON STEEL (ANY GRADE)	CARBON STEEL (ANY GRADE)
17	1	SET SCREW OR NUT	CARBON STEEL TO BS 916	CARBON STEEL TO BS 916

NOTE: The above data is subject to change without notice.



ALL IRON SLUICE VALVES
FIG. NO.: CI004

SLUICE VALVES WITH Cu-ALLOY TRIM
FIG. NO.: CI006

CATALOGUE FIG. NOS

ITEM	SIZES	FIG.NO.	END DETAILS
ALL IRON SLUICE VALVE -CLASS 125	≤300mm	CI-004FF	FLANGED ENDS TO ANSIB 16.1 CLASS 125
SLUICE VALVE WITH Cu-ALLOY TRIM CLASS 125	≤300mm	CI-006FF	FLANGED ENDS TO ANSIB 16.1 CLASS 125

DIMENSIONAL DATA

DN NPS	40 1 ½	50 2	65 2 ½	80 3	100 4	125 5	150 6	200 8				
L	140	143	159	172	194	203	213	248				
~H	215	238	270	320	370	420	480	635				
ØHW	127	140	140	178	203	229	229	254				
CØ	38.1	50.8	63.5	76.2	101.6	127	152.4	203				
DØ	127	152	178	191	229	254	279	343				
K(P.C.D)	98	121	140	152	191	216	241	299				
ITEM CODE NOS.	ALL IRON	CI004I	CI004J	CI004K	CI004L	CI004N	CI004O	CI004P	CI004R			
	Aprox. Wt. ^	8.075	12.010	17.115	21.650	33.900	43.200	135.900	99			

ITEM	SIZES	TEST PRESSURES		
		SHELL TEST (HYDROSTATIC)	SEAT TEST (HYDROSTATIC)	STANDARD NO.
ALL IRON SLUICE VALVE -CLASS 125	≤300mm	20.7 bar	15.18 bar	BS 6755 PART-1
SLUICE VALVE WITH Cu-ALLOY TRIM-CLASS 125	<300mm	20.7 bar	15.18 bar	BSEN-12266-1

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(^WEIGHT GIVEN IN KGS)