

# SHANGHAI CIPHY INDUSTRY CO.,LTD.

## CLASS 125/JIS 10K

### CAST IRON OR DUCTILE IRON

### GLOBE VALVE BOLTED BONNET DESIGN

**MODEL NO: ICJXRF-000-A**



#### **GLOBE VALVE PRODUCT'S SIZE:**

PRESSURE GRADE	FROM	TO
CLASS 125	1-1/2"	12"
JIS 10K	1-1/2"	12"

#### **DESIGN DESCRIPTION:**

- \* BOLTED BONNET AND WELDING BONNET;
- \* WELDING SEAT;
- \* INTEGRAL SEATS;
- \* HANDWHEEL OPERATOR;
- \* FLANGED ENDS;

#### **WORKING PRESSURE AND TEMPERATURE:**

WORKING TEMPERATURE	
MATERIAL	CAST IRON
CELSIUR SCALE	0°C~100°C
FAHRENHEIT	58°F~212°F

#### **GENERAL DESIGN SPECIFICATIONS:**

ITEM	CLASS 125
MANUFACTURE	FACTORY STANDARDS
FACE TO FACE	ANSI B16.10
END FLANGE	ANSI B16.1
INSPECTION AND TEST	API 598

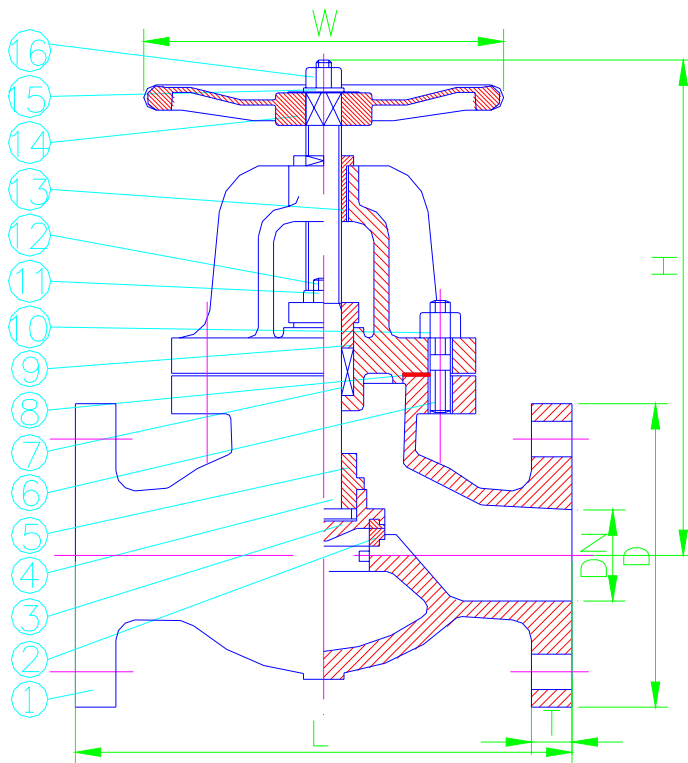
#### **TEST PRESSURE TO API598**

CLASS	SHELL (WATER)		SEAT (WATER)		SEAT (AIR)		BACK SEAT(WATER)	
125	2.1MPA	300PSI	1.4MPA	200PSI	0.6MPA	80PSI	1.4MPA	200PSI

#### **PARTS AND MATERIAL (ASTM)**

NO.	PARTS NAME	MATERIAL
1	BODY AND BONNET	ASTM A126 CLASS B
2	SEAT	BRASS/BRONZE/SS304
3	DISC	BRASS/BRONZE/SS304
4	STEM	SS410
5	DISC NUT	DUCTILE IRON
6	BONNET BOLT	ASTM A107-1020
7	STEM PACKING	GRAPHITE OR PTFE
8	GASKET	ASBESTOS JOINT SHEET OR GRAPHITE OR PTFE
9	GLAND	DUCTILE IRON
10	BONNET NUT	ASTM A107-1020
11	GLAND NUT	ASTM A107-1020
12	GLAND BOLT	ASTM A107-1020
13	STEM NUT	CARBON STEEL
14	HANDWHEEL	ASTM A126 CLASS B
15	O-RING	CARBON STEEL
16	H.W. LUCK NUT	CARBON STEEL

OTHER MATERIALS ARE AVAILABLE UPON REQUEST.



### DIMENSIONS LIST(UNIT:MM):

SIZE	DN	D		L		H		D1	T	
		10K	125BLS	10K	125BLS	10K	125BLS		10K	125BLS
1-1/2"	40	140	127	190	190	260	260	150	20	14.3
2"	50	155	152	200	203	277	277	150	20	15.9
2-1/2"	65	175	178	220	216	307	307	172	22	17.5
3"	75	185	190	240	241	353	353	190	22	19.1
4"	100	210	229	290	292	404	404	220	24	23.9
5"	125	250	254	360	360	454	454	245	24	23.9
6"	150	280	279	410	410	533	533	295	26	25.4
8"	200	330	343	500	495	642	642	340	26	28.6
10"	250	400	406	620	620	665	665	395	30	30.2
12"	300	445	483	700	700	755	755	494	32	31.8

\* We hereby reserve the rights of any alternative dimension that would help to improve our valve's quality and working efficiency.



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