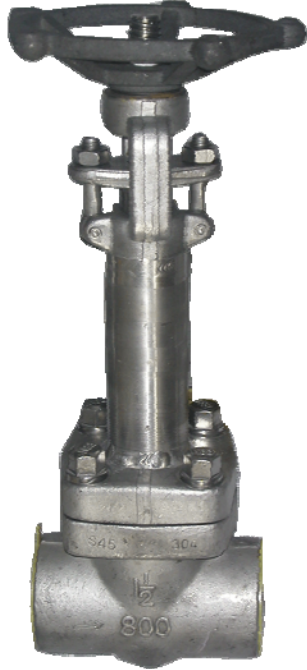


SHANGHAI CIPHY INDUSTRY CO.,LTD.

ANSI CLASS 600/800/1500 FOR FORGED CARBON STEEL OR STAINLESS STEEL GLOBE VALVE CRYOGENIC DESIGN

MODEL NO: FBAXTH-LT



CRYOGENIC GLOBE VALVE PRODUCT'S SIZE:

PRESSURE GRADE	FROM	TO
CLASS 800	1/2"	2"

DESIGN DESCRIPTION:

- * BOLTED BONNET O. S & Y TYPE
- * OPTIONAL: WELD BONNET O. S & Y TYPE
- * WEDGE DISC, RENEWABLE SEAT RING
- * CONNECTRION: THREADED END, SOCKETED END
- * THREAD TYPE(NPT, BSPT, DIN ENDS)
- * MATERIAL: A105, F304, F316, F11, F22, F304L, F316L

WORKING PRESSURE AND TEMPERATURE

WORKING TEMPERATURE		
MATERIAL	CELSIUR SCALE	FAHRENHEIT
CARBON STEEL	-29 ⁰ C~425 ⁰ C	6 ⁰ F~822 ⁰ F
STAINLESS STEEL	-40 ⁰ C~550 ⁰ C	15 ⁰ F~1047 ⁰ F

GENERAL DESIGN SPECIFICATIONS:

ITEM	CLASS 600	CLASS 800	CLASS 1500
MANUFACTURE	API 602	API 602	API 602
PRESSURE-TEMPERATURE RATINGS	ANSI B16.34	ANSI B16.34	ANSI B16.34
END TO END	ANSI B16.10	ANSI B16.10	ANSI B16.10
END THREAD	ANSI B 1.20.1	ANSI B 1.20.1	ANSI B 1.20.1
SOCKET-WELDING	ANSI B 16.11	ANSI B 16.11	ANSI B 16.11
INSPECTION AND TEST	API 598		

TEST PRESSURE TO DIN 3230

ANSI	SHELL (WATER)		SEAT (WATER)		SEAT (AIR)		BACK SEAT (WATER)	
CLASS 800	21MPA	3000PSI	15.4MPA	2200PSI	0.6MPA	80PSI	15.4MPA	2200PSI

TRIMS SPECITIED DUE TO TABLE 3:

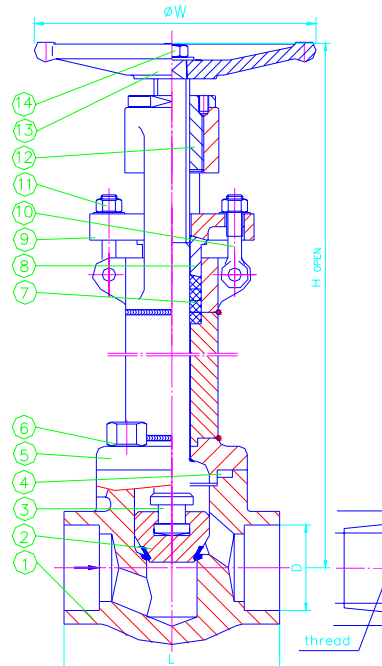
DISC SEAT SURFACE PART NO.2	BODY SEAT SURFACE PART	STEM PART NO.3
F6	F6	F6
STELLITE	STELILITE	F6
F6	STELILITE	F6
F304	F304	F304
F316	F316	F316
MONEL	MONEL	MONEL
ALLOY 20	ALLOY 20	ALLOY 20
HASTELLOY B	HASTELLOY B	HASTELLOY B

OTHER MATERIALS ARE AVAILABLE UPON REQUEST.

PARTS AND MATERIAL (ASTM)

NO.	PARTS NAME	MATERIALS				
1	BODY	ASTM A105	ASTM F304	ASTM F316	ASTM F304L	ASTM F316L
4	GASKET	GRAPHITE+304		GRAPHITE+316		
5	BONNET	ASTM A105	ASTM F304	ASTM F316	ASTM F304L	ASTM F316L
6	BONNET BLOT	ASTM A193 B7	ASTM A193 B7			
7	STEM PACKING	REINFORCED GRAPHITE				
8	GLAND	ASTM A276 410	ASTM F304L	ASTM F316L	ASTM F304L	ASTM F316L
9	GLAND FLANGE	ASTM A216 WCB	ASTM F304	ASTM F316	ASTM F304L	ASTM F316L
10	GLAND EYEBOLT	ASTM A193 B7	ASTM A193 B8			
11	GLAND NUT	ASTM A194 2H	ASTM A194 B8			
12	STEM NUT	ASTM A276 410	ZcuAl10Fe3			
13	HAND WHEEL	ASTM A197				
14	H.W.LOCK NUT	ASTM A194 2H	ASTM A194 B8			

OTHER MATERIALS ARE AVAILABLE UPON REQUEST.

**DIMENSIONS LIST(UNIT:MM):**

DN	SIZE	D	NPT	H (OPEN)			L	W
				≥-60℃	≥-100℃	<-100℃		
15	1/2"	11	1/2"	265	276	296	79	100
20	3/4"	13	3/4"	275	285	315	92	100
25	1"	17	1"	306	326	356	111	125
40	1-1/2"	28	1-1/2"	372	392	422	152	160
50	2"	33	2"	410	430	470	172	180

Notice:

- 1、 **STD IS STANDARD PORT; FULL IS FULL PORT.**
- 2、 **B.B IS BOLTED BONNET; W.B IS WELDING BONNET.**

*** 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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