

SHANGHAI CIPHY INDUSTRY CO.,LTD.

ANSI CLASS 2500 FOR FORGED CARBON STEEL OR STAINLESS STEEL GLOBE VALVE WITH FLANGE DESIGN

MODEL NO: FBAXTH-PS



GLOBE VALVE PRODUCT'S SIZE:

PRESSURE GRADE	FROM	TO
CLASS 2500	1/2"	2"

DESIGN DESCRIPTION:

- * BOLTED BONNET O. S & Y TYPE
- * OPTIONAL: WELD BONNET O. S & Y TYPE
- * CONNECTRION: SOCKET OR THREAD ENDS
- * THREAD: NPT,DIN SERIAL, BSP,BSPT ETC.
- * WEDGE DISC
- * MATERIAL: A105, F304, F316, F11, F22, F304L, F316L

WORKING PRESSURE AND TEMPERATURE

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

GENERAL DESIGN SPECIFICATIONS:

ITEM	CLASS 600
MANUFACTURE	API 602
PRESSURE-TEMPERATURE RATINGS	ANSI B16.34
INSPECTION AND TEST	API 598

TEST PRESSURE TO API 598

ANSI	SHELL (WATER)		SEAT (WATER)		SEAT (AIR)		BACK SEAT (WATER)	
CLASS 2500	65.9MPA	9375PSI	48.3MPA	6875PSI	0.6MPA	80PSI	48.3MPA	6875PSI

TRIMS SPECITIED DUE TO TABLE 3:

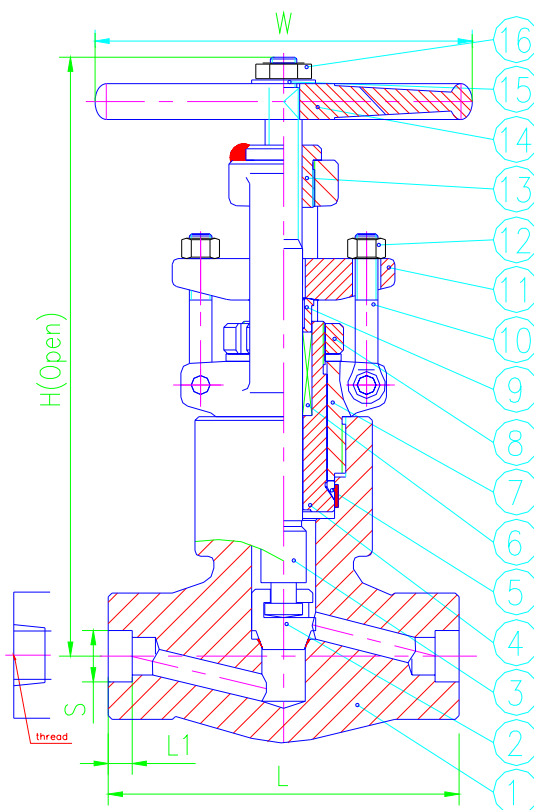
DISC SEAT SURFACE PART NO.2	BODY SEAT SURFACE PART	STEM PART NO.3
F6	F6	F6
STELLITE	STELLITE	F6
F6	STELLITE	F6
F304	F304	F304
F316	F316	F316

OTHER MATERIALS ARE AVAILABLE UPON REQUEST.

PARTS AND MATERIAL (ASTM)

NO.	PARTS NAME	MATERIALS		
		ASTM A105	ASTM F304	ASTM F316
1	BODY	ASTM A105	ASTM F304	ASTM F316
4	SEALING SEAT	ASTM F6	ASTM F304	ASTM F316
5	SEALING RING	SS304		SS316
6	STEM PACKING	GRAPHITE+304		GRAPHITE+316
7	BONNET	ASTM A105	ASTM F304	ASTM F316
8	P.S. LUCK NUT	ASTM A276-410		
9	GLAND	ASTM A105	ASTM F304	ASTM F316
10	GLAND EYEBOLT	ASTM A193 B7	ASTM A193 B8	
11	GLAND FLANGE	ASTM A276-410		
12	GLAND NUT	ASTM A194 2H	ASTM A194 B8	
13	STEM NUT	ASTM A276 410	ZcuAl10Fe3	
14	HAND WHEEL	ASTM A1970		
15	NAME PLATE	ALUMIN OR STAINLESS STEEL		
16	H.W.LOCK NUT	ASTM A194 2H	ASTM A194 B8	

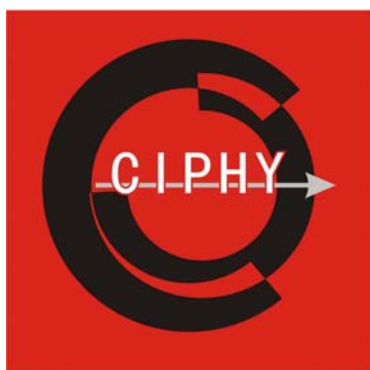
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DIMENSIONS LIST(UNIT:MM):

DN	SIZE	S(THREADS)	S(SOCKET)	L1	L	H	W	WEIGHT(KG)
15	1/2"	1/2"	21.8	9.6	186	333	160	12.4
20	3/4"	3/4"	27.1	12.7	186	333	160	11.6
25	1"	1"	33.8	12.7	186	333	160	11
32	1-1/4"	1-1/4"	42.6	12.7	232	410	180	28
40	1-1/2"	1-1/2"	48.7	12.7	232	420	180	26.7
50	2"	2"	61.1	15.9	279	524	200	43.8

*** 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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