

SHANGHAI CIPHY INDUSTRY CO.,LTD.

ANSI CLASS 600/900/1500 FOR FORGED CARBON STEEL OR STAINLESS STEEL GLOBE VALVE WITH FLANGE DESIGN

MODEL NO: FBAXRF-000



GLOBE VALVE PRODUCT'S SIZE:

PRESSURE GRADE	FROM	TO
CLASS 600	1/2"	2"

DESIGN DESCRIPTION:

- * BOLTED BONNET O. S & Y TYPE
- * OPTIONAL: WELD BONNET O. S & Y TYPE
- * CONNECTRION: FLANGED ENDS
- * FLANGE TYPE
- * WEDGE DISC, RENEWABLE SEAT RING
- * WELDING FLANGED 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
MANUFACTURE	API 602
PRESSURE-TEMPERATURE RATINGS	ANSI B16.34
FACE TO FACE	ANSI B 16.10
END FLANGE	MSS SP-25
INSPECTION AND TEST	API 598

TEST PRESSURE TO API598

ANSI	SHELL (WATER)		SEAT (WATER)		SEAT (AIR)		BACK SEAT (WATER)	
CLASS 600	15.3MPA	2225PSI	11.2MPA	1630PSI	0.6MPA	80PSI	11.2MPA	1630PSI

TRIMS SPECITIED DUE TO TABLE 3:

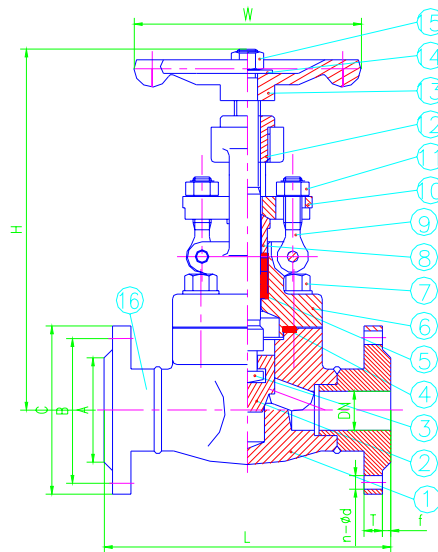
DISC SEAT SURFACE PART NO.2	BODY SEAT SURFACE PART	STEM PART NO.3
F6	F6	F6
STELLITE	STELLITE	F6
F6	STELLITE	F6
F304	F304	F304
F316	F316	F316
MONEL	MONEL	MONEL
ALLOY 20	ALLOY 20	ALLOY 20
HASTELLOY B	HASTELLOY B	HASTELLOY B

OTHER MATERIALS ARE AVAILABLE UPON REQUEST.

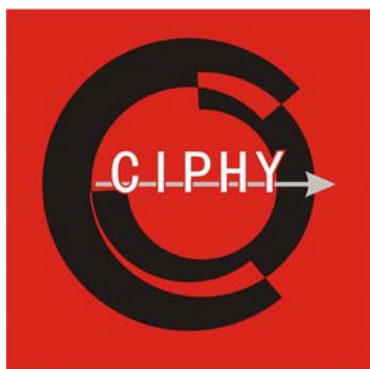
PARTS AND MATERIAL (ASTM)

NO	PARTS NAME	MATERIALS				
1	BODY	ASTM A105	ASTM A182 F304	ASTM A182 F316	ASTM A182 F304L	ASTM A182 F316L
4	GASKET	GRAPHITE+304		GRAPHITE+316		
5	STEM PACKING	REINFORCED GRAPHITE+304/316				
6	BONNET	ASTM A105	ASTM A182 F304	ASTM A182 F316	ASTM A182 F304L	ASTM A182 F316L
7	BONNET BLOT	ASTM A193 B7				
8	GLAND	ASTM A276 410	ASTM A182 F304L	ASTM A182 F316L	ASTM A182 F304L	ASTM A182 F316L
9	GLAND EYEBOLT	ASTM A193 B8				
10	GLAND FLANGE	ASTM A216 WCB	ASTM A182 F304	ASTM A182 F316	ASTM A182 F304L	ASTM A182 F316L
11	GLAND NUT	ASTM A194 B8				
12	STEM NUT	ZcuAl10Fe3				
13	HAND WHEEL	ASTM A197				
14	NAME PLATE	ALUMINUM				
15	H.W.LOCK NUT	ASTM A194 B8				
16	WELDED FLANGE	ASTM A105	ASTM A182 F304	ASTM A182 F316	ASTM A182 F304L	ASTM A182 F316L

OTHER MATERIALS ARE AVAILABLE UPON REQUEST.

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

DN	SIZE	H		W		L	A	B	C	T	f	n-φd	WT (LBS)	
		STD	FULL	STD	FULL								STD	FULL
8	1/4"	158	163	100	100	165	35	66.5	95	14.5	6.4	4-16	5.6	7.8
10	3/8"	158	163	100	100	165	35	66.5	95	14.5	6.4	4-16	5.6	7.8
15	1/2"	158	163	100	100	190	35	66.5	95	14.5	6.4	4-16	5.6	7.8
20	3/4"	163	193	100	125	127	43	82.5	118	16	6.4	4-19	7.8	12.5
25	1"	193	250	125	160	216	51	89.	124	17.5	6.4	4-19	12.5	17.5
32	1-1/4"	250	250	160	160	229	63	98.5	133	21	6.4	4-19	17	23.5
40	1-1/2"	250	291	160	180	241	73	114.5	156	22.5	6.4	4-22.5	23.5	38.5
50	2"	291	312	180	200	292	92	127	165	25.5	6.4	8-19	38.8	42.2

Notice:1、 **STD IS STANDARD PORT; FULL IS FULL PORT.*** **We hereby reserve the rights of any alternative dimension that would help to improve our valve's quality and working efficiency****SHANGHAI CIPHY INDUSTRY CO.,LTD**

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