

SHANGHAI CIPHY INDUSTRY CO.,LTD.

ANSI CLASS 2500 FOR PRESSURE SEAL CARBON STEEL OR STAINLESS STEEL GATE VALVE BOLTED BONNET DESIGN

MODEL NO: FAAXTH-PS



GATE 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
- * CONNECTION: THREADED END, SOCKETED END
- * THREAD TYPE: NPT, BSPT, DIN SERIAL ENDS
- * WEDGE DISC, RENEWABLE SEAT RING
- * MATERIAL: A105, F304, F316, F11, F22, F304L, F316L

WORKING PRESSURE AND TEMPERATURE

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

GENERAL DESIGN SPECIFICATIONS:

ITEM	CLASS 2500
MANUFACTURE	API 602
PRESSURE-TEMPERATURE RATINGS	ANSI B16.34
INSPECTION AND TEST	API 598

TEST PRESSURE TO API598

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 SPECIFIED DUE TO TABLE 3:

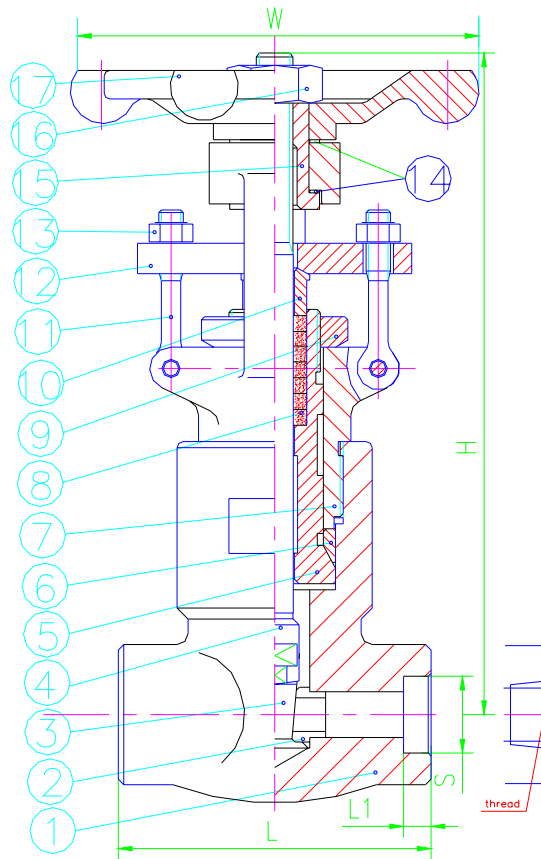
DISC SEAT SURFACE PART NO.3	BODY SEAT SURFACE PART NO.2	STEM PART NO.4
F6	F6	F6
STELLITE	STELLITE	F6
F6	STELLITE	F6
F304	F304	F304
F316	F316	F316

OTHER MATERIALS ARE AVAILABLE UPON REQUEST.

PARTS AND MATERIAL (ASTM)

NO.	PARTS NAME	MATERIALS		
1	BODY	ASTM A105	ASTM F304	ASTM F316
5	SEALING SEAT	A276-410	ASTM F304	ASTM F316
6	SEALING RING	SS304		SS316
7	BONNET	ASTM A105	ASTM F304	ASTM F316
8	STEM PACKING	GROPHITE+304		GROPHITE+316
9	P.S.LUCK NUT	AISI1035		
10	GLAND	ASTM A276 410	ASTM F304	ASTM F316
11	GLAND EYEBOLT	ASTM A193 B7	ASTM A193 B8	
12	GLAND FLANGE	ASTM A216 WCB	ASTM F304	ASTM F316
13	GLAND NUT	ASTM A194 2H	ASTM A194 B8	
14	SLEEVE WASHER	A276-410	ASTM F304	ASTM F316
15	STEM NUT	ASTM A276-410		
16	H.W.LUCK NUT	ASTM A194 2H	ASTM A194 B8	
17	HANDWHEEL	ASTM A197		

OTHER MATERIALS ARE AVAILABLE UPON REQUEST.



DIMENSIONS LIST(UNIT:MM):

DN	SIZE	S (THREAD)	S (SOCKET)	L1	L	W	H(OPEN)	WT (KG)
15	1/2"	1/2"	21.8	9.6	264	200	321	16.7
20	3/4"	3/4"	27.1	12.7	273	200	321	17
25	1"	1"	33.8	12.7	308	200	321	21.3
32	1-1/4"	1-1/4"	42.6	12.7	352.2	220	380	24.5
40	1-1/2"	1-1/2"	48.7	12.7	387.2	220	414	30.8
50	2"	2"	61.1	15.9	454.2	250	502	40.5

*** 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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