

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:

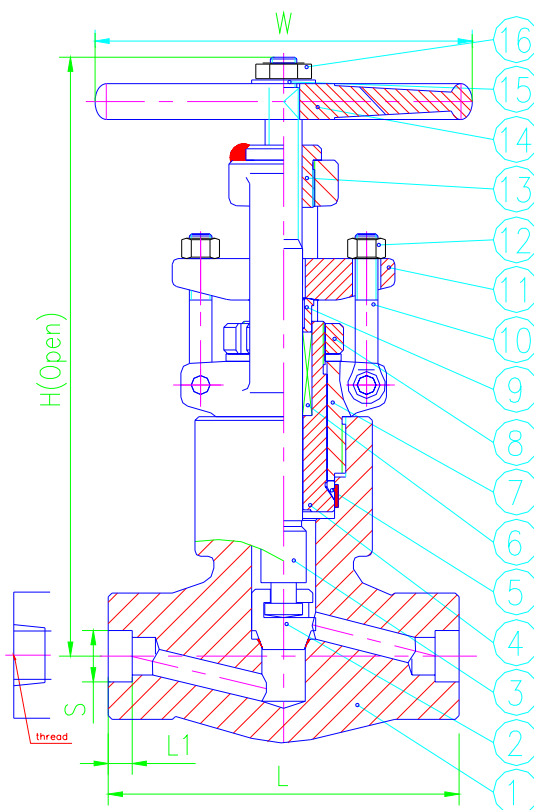
| DISC SEAT SURFACE PART NO.2 | BODY SEAT SURFACE PART | STEM PART NO.3 |
|-----------------------------|------------------------|----------------|
| F6 | F6 | F6 |
| STELLITE | STELLITE | F6 |
| F6 | STELLITE | F6 |
| F304 | F304 | F304 |
| F316 | F316 | F316 |

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 | ZcuA110Fe3 | |
| 14 | HAND WHEEL | ASTM A1970 | | |
| 15 | NAME PLATE | ALUMIN OR STAINLESS STEEL | | |
| 16 | H.W.LOCK NUT | ASTM A194 2H | ASTM A194 B8 | |

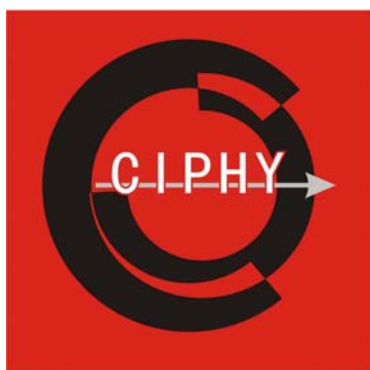
OTHER MATERIALS ARE AVAILABLE UPON REQUEST.



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**



SHANGHAI CIPHY INDUSTRY CO.,LTD
7G-1 Building, N0.515 Yishan Rd.
Shanghai, China
TEL:+86-21-5497 5962
FAX:+86-21-5497 5963
HTTP://WWW.CIPHY.CN
CIPHY@CIPHY.COM
COPYRIGHT©2004-[CIPHY]
ALL RIGHTS RESERVED.