

# SHANGHAI CIPHY INDUSTRY LTD.,CO.

## DIN3202 PN16/25/40-F32

### CARBON STEEL OR STAINLESS STEEL

### ANGLE VALVE BOLTED BONNET DESIGN

**MODEL NO: SBDXRF-AG-F32**



#### ANGLE VALVE PRODUCT'S SIZE:

PRESSURE GRADE	FROM	TO
PN 16	1/2"	10"
PN 25	1/2"	6"
PN 40	1/2"	6"

#### DESIGN DESCRIPTION:

- \* BOLTED BONNET AND WELDING BONNET;
- \* WELDING SEAT;
- \* INTEGRAL SEATS;
- \* HANDWHEEL OPERATOR;
- \* AVAILABLE WITH GEAR OPERATOR;
- \* FLANGED ENDS OR BUTT-WELDING ENDS;
- \* RISING FLANGE OR RING TYPE JOINT.

#### WORKING PRESSURE AND TEMPERATURE

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

#### GENERAL DESIGN SPECIFICATIONS:

ITEM	DIN PN 16	DIN PN 25	DIN PN 40
MANUFACTURE	DIN 3356		
FACE TO FACE	DIN 3202 F32		
END FLANGE	DIN 2543	DIN 2544	DIN 2545
INSPECTION AND TEST	DIN 3230		

#### TEST PRESSURE TO DIN 3230

DIN	SHELL (WATER)	SEAT (WATER)	SEAT (AIR)	BACK SEAT(WATER)
PN 16	24BARS	17.6BARS	6BARS	17.6BARS
PN 25	37.5BARS	27.5BARS	6BARS	27.5BARS
PN 40	60BARS	44BARS	6BARS	44BARS

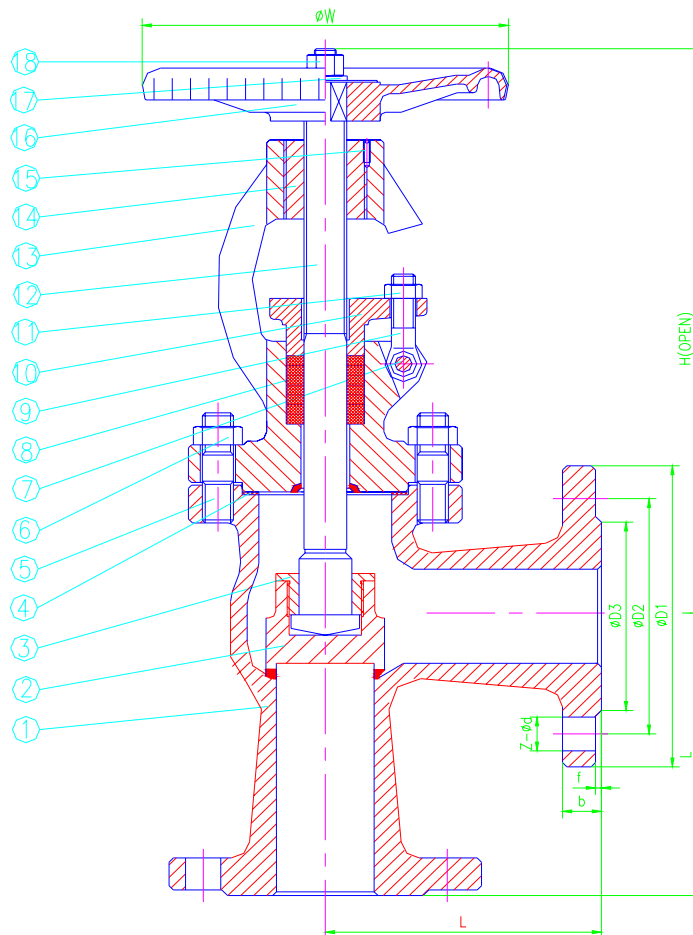
#### TRIMS SPECIFIED DUE TO TABLE 3:

DISC SEAT SURFACE PART NO.3	BODY SEAT SURFACE PART NO.2	STEM PART NO.5	BACKETSEAT PART NO.10
F6	F6	F6	F6
STELLITE	STELILITE	F6	F6
F6	STELILITE	F6	F6
F304	F304	F304	F304
F316	F316	F316	F316
MONEL	MONEL	MONEL	MONEL
OTHER MATERIALS ARE AVAILABLE UPON REQUEST.			

**PARTS AND MATERIAL (DIN)**

NO	PARTS NAME	MATERIAL
1	BODY	GS-C25
4	DISC NUT	GS-C25
6	GASKET	REINFORCED FLAT GRAPHITE,OR SS SPIREAL WOUND W/GRAPHITE OR PTFE
7	BONNET BOLT	A193B7
8	BONNET BOLT NUT	A1942H
9	BONNET	GS-C25
11	STEM PACKING	BRAIDED GRAPITE OR DIEFORMED GRAPHITE RING OR PTFE
12	GLAND	A182F6
13	GLAND FLANGE	GS-C25
14	EYE BOLT	A193B7
15	EYE BOLT NUT	A1942H
16	STEM NUT	A439-D2 OR A276-410
17	HANDWHEEL	DUCTILE IRON
18	H.W.LOCK NUT	STEEL

OTHER MATERIALS ARE AVAILABLE UPON REQUEST.

**DIMENSIONS LIST(UNIT:MM):****PN16**

DN	D3	D2	D1	f	b	Z-d	L(F32)	H	W
15	45	65	95	2	16	4-14	90	210	120
20	58	75	105	2	18	4-14	95	222	120
25	68	85	115	2	18	4-14	100	225	160
32	78	100	140	2	18	4-18	105	260	160
40	88	110	150	3	18	4-18	115	275	200
50	102	125	165	3	18	4-18	125	286	200
65	122	145	185	3	18	4-18	145	330	220
80	138	160	200	3	20	8-18	155	358	250
100	158	180	220	3	20	8-18	175	402	300
125	188	210	250	3	22	8-18	200	442	350
150	212	240	285	3	22	8-22	225	508	400
175	268	295	340	3	24	12-22	250	520	400
200	268	295	340	3	24	12-22	275	730	450
250	320	355	405	3	26	12-26	325	860	500

## PN25

DN	D3	D2	D1	f	b	Z-d	L(F32)	H	W
15	45	65	95	2	16	4-14	90	210	120
20	58	75	105	2	18	4-14	95	222	120
25	68	85	115	2	18	4-14	100	225	160
32	78	100	140	2	18	4-18	105	260	160
40	88	110	150	3	18	4-18	115	275	200
50	102	125	165	3	20	4-18	125	286	200
65	122	145	185	3	22	8-18	145	330	220
80	138	160	200	3	24	8-18	155	358	250
100	162	190	235	3	24	8-22	175	402	300
125	188	220	270	3	26	8-26	200	442	350
150	218	250	300	3	28	8-26	225	508	400

## PN40

DN	D3	D2	D1	f	b	Z-d	L(F32)	H	W
15	45	65	95	2	16	4-14	90	210	120
20	58	75	105	2	18	4-14	95	222	120
25	68	85	115	2	18	4-14	100	225	160
32	78	100	140	2	18	4-18	105	260	160
40	88	110	150	3	18	4-18	115	275	200
50	102	125	165	3	20	4-18	125	286	240
65	122	145	185	3	22	8-18	145	330	280
80	138	160	200	3	24	8-18	155	358	320
100	162	190	235	3	24	8-22	175	402	360
125	188	220	270	3	26	8-26	200	442	400
150	218	250	300	3	28	8-26	225	508	450

**\* 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.**