

# SHANGHAI CIPHY INDUSTRY CO.,LTD.

## BS5150 PN10/16 NON-RISING STEM CAST IRON OR DUCTILE IRON GATE VALVE BOLTED BONNET DESIGN

**MODEL NO: IABXRF-NRS-5150**



### **GATE VALVE PRODUCT'S SIZE:**

PRESSURE GRADE	FROM	TO
PN 10	2"	12"
PN 16	2"	12"

### **DESIGN DESCRIPTION:**

- \* BOLTED BONNET AND WELDING BONNET;
- \* FULLY GUIDER;
- \* INTEGRAL SEATS;
- \* HANDWHEEL OPERATOR;
- \* AVAILABLE EPOXY COATING;
- \* FLANGED ENDS.

### **WORKING PRESSURE AND TEMPERATURE:**

WORKING TEMPERATURE	
MATERIAL	CAST IRON
CELSIUR SCALE	0°~120°C
FAHRENHEIT	32°F~248°F

### **GENERAL DESIGN SPECIFICATIONS:**

ITEM	BRITISH STANDARD
MANUFACTURE	BS 5150
FACE TO FACE	BS 5150
END FLANGE	BS 4504
INSPECTION AND TEST	BS 6755 PATRT 1

### **TEST PRESSURE TO BS 6755 PATRT 1**

PN	SHELL (WATER)	SEAT (WATER)
10	1.5MPA	1.1MPA
16	2.4MPA	17.6MPA

### **TRIMS SPECITIED DUE TO TABLE 3:**

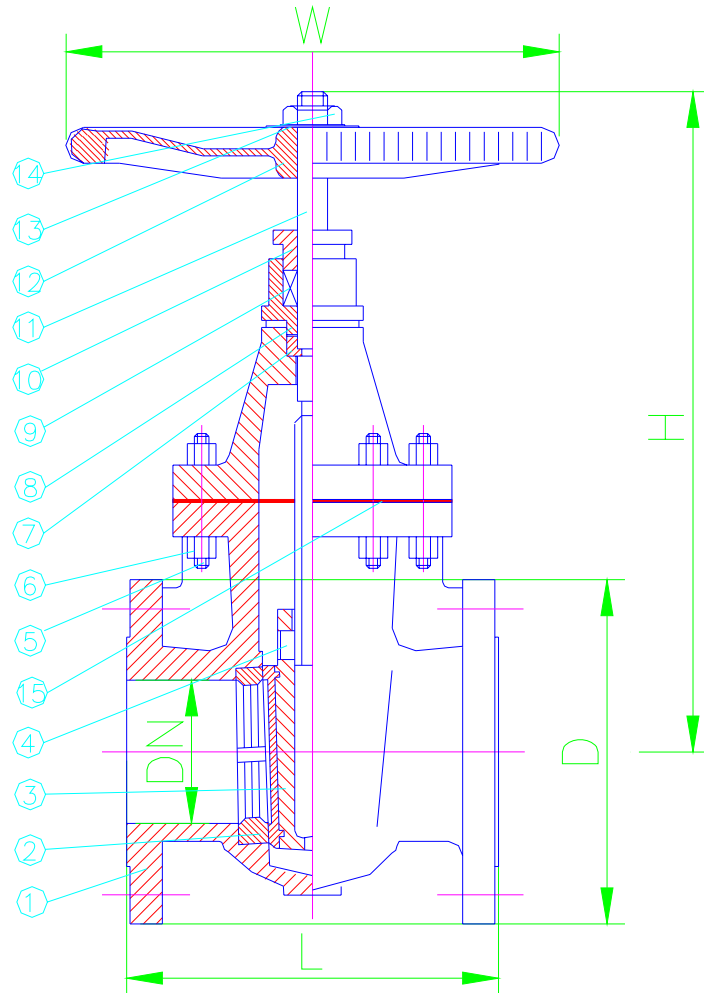
DISC SEAT SURFACE PART NO.3	BODY SEAT SURFACE PART NO.2	STEM PART NO.11
BRONZE	BRONZE	2CR13
BRASS	BRASS	2CR13
F304	F304	2CR13

OTHER MATERIALS ARE AVAILABLE UPON REQUEST.

### **PARTS AND MATERIAL (ASTM):**

NO.	PARTS NAME	MATERIALS
1	BODY	CAST IRON OR DUCTILE IRON
4	BONNET BOLT	CAST STEEL
5	BONNET	CAST IRON OR DUCTILE IRON
6	BONNET BOLT NUT	CAST STEEL
7	O-RING	EPDM
8	PACKING BOX	CAST IRON OR DUCTILE IRON
9	STEM PACKING	SOFT IRON
10	GLAND	CAST IRON OR DUCTILE IRON
12	HAND WHEEL	CAST IRON OR DUCTILE IRON
13	NAME PLATE	ALUMINUM
14	WHEEL NUT	CAST STEEL
15	GASKET	EPDM

OTHER MATERIALS ARE AVAILABLE UPON REQUEST.



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

SIZE	DN	L	H	W	D
1-1/2"	40	6-1/2"	11"	6"	6"
2"	50	7"	11-1/4"	7"	6-1/2"
2-1/2"	65	7-1/2"	12-7/8"	7"	7-3/10"
3"	80	8"	14"	7"	7-9/10"
4"	100	9"	15-1/2"	8"	8-7/10"
5"	125	10"	17-1/4"	10"	10"
6"	150	10-1/2"	19-1/8"	10"	11"
8"	200	11-1/2"	25-7/8"	12"	13-4/5"
10"	250	13"	28-5/8"	14"	16"
12"	300	14"	32-1/2"	16"	18"

**\* 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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