

SHANGHAI CIHPY INDUSTRY CO.,LTD.

API 603 CLASS 150 STAINLESS STEEL GLOBE VALVE BOLTED BONNET DESIGN

MODEL NO: SCA1RF-603



GLOBE VALVE PRODUCT'S SIZE:

PRESSURE GRADE	FROM	TO
CLASS 150	1/2"	8"

DESIGN DESCRIPTION:

- * BOLTED BONNET;
- * FULLY GUIDER;
- * 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	-290C~4250C	60F~8220F
STAINLESS STEEL	-400C~5500C	150F~10470F

GENERAL DESIGN SPECIFICATIONS:

ITEM	AMERICAN STANDARD	
MANUFACTURE	API 6D OR API 600	
FACE TO FACE	ANSI B16.10	
END FLANGE	ANSI B16.5	
INSPECTION AND TEST	API 598	

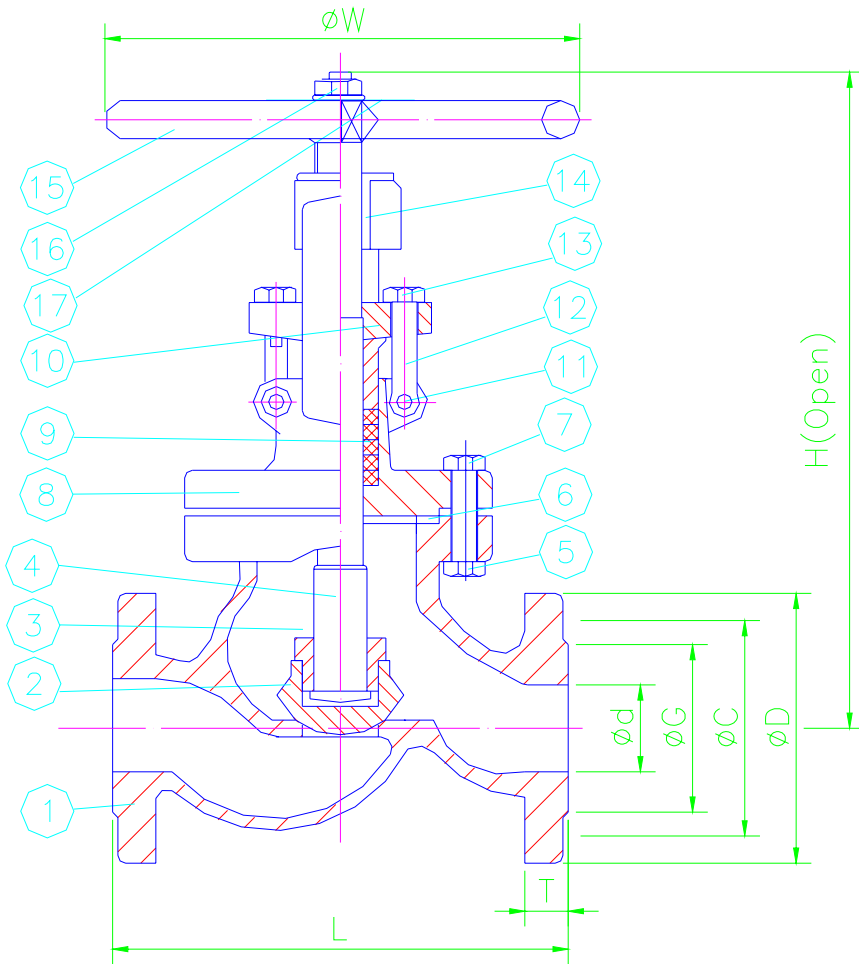
TEST PRESSURE TO API 598:

CLASS	SHELL (WATER)		SEAT (WATER)		SEAT (AIR)		BACK SEAT(WATER)	
150	3.1MPA	450PSI	2.2MPA	315PSI	0.6MPA	80PSI	3.1MPA	450PSI
300	7.8MPA	1125PSI	5.6MPA	815PSI	0.6MPA	80PSI	7.8MPA	1125PSI
600	15.3MPA	2225PSI	11.2MPA	1630PSI	0.6MPA	80PSI	15.3MPA	2225PSI

PARTS AND MATERIAL (ASTM):

No.	Part Name	Material
1	Body	ASTM A351 CF8M/ CF8
2	Disc	ASTM A351 CF8M/ CF8
3	Disc Cover	ASTM A351 CF8M/ CF8
4	Stem	ASTM A276 Gr.316 / 304
5	Bolt	SS 304
6	Gasket	PTFE
7	Nut	A194 B8
8	Bonnet	ASTM A351 CF8M/ CF8
9	Stem Packing	PTFE
10	Gland Flange	CF8
11	Hinge Pin	SS 304
12	Eye Bolt	SS 304
13	Nut	A194 B8
14	Yoke Sleeve	Bronze
15	Handwheel	Ductile Iron
16	Nut	A194 B8
17	Nameplate	SS 304

OTHER MATERIALS ARE AVAILABLE UPON REQUEST.



DIMENSIONS LIST(UNIT:inch):

Size	DN	L	H	W	D	C	G	T
1/2	15	108	168	140	89	60.5	35	11.1
3/4	20	117	168	140	98	70	43	11.1
1	25	127	173	140	108	79.5	51	11.1
1-1/4	32	140	190	160	117	89	64	12.7
1-1/2	40	165	200	160	127	98.5	73	14.3
2	50	203	230	200	152	120.5	92	15.9
2-1/2	65	216	243	200	178	139.5	105	17.5
3	80	241	286	250	190	152.5	127	19.1
4	100	292	325	250	229	190.5	157	23.9
5	125	356	380	300	254	216	186	23.9
6	150	406	445	350	279	241.5	216	25.4
8	200	495	545	350	343	298.5	270	28.6
10	250	622	650	400	406	362	324	30.2
12	300	698	736	400	483	432	381	31.8

*** 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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