



UNIT:mm	SIZE	L	W	d	F	G	C	D	b	t	n-φd1	H1	H2	T	Weight(Kg)	Gear	E
	6"	711	458	136	211.2	248	317.5	394	82.6	9.5	12-38	841	1091	38.1	605	BA1	318
	8"	842	610	178	269.9	317.5	393.5	483	92	11.1	12-45	925	1290	47.8	1040	BA2	408
	10"	1001	610	222	323.9	371.3	482.5	584	108	11.1	12-51	1107	1372	57.2	1700	BA2	408
	12"	1146	610	263	381	438.2	571.5	673	124	14.3	16-54	1265	1643	66.8	2685	BA3	556
	14"	1276	810	289	419.1	489	635.0	749	133.4	15.9	16-60	1384	1772	69.9	4100	BA3C	556
	16"	1406	810	330	469.9	546.1	705.0	826	146.1	17.5	16-67	1412	1840	79.5	6200	BA3C	556
	18"	1559	1000	371	533.4	612.6	774.5	914	162.1	17.5	16-73	1744	2220	88.9		BA4	718

Note:
1) Valve manufactured to NACE MR0175 ISO 15156 2009 and MR0103-2007 standard

APPLICABLE STANDARDS & TECHNICAL NOTES:						
Design: API 600			Face to Face Dimension: ASME B16.10			
Inspection & Test: API 598			End Flanges Dimension: ASME B16.5			
26	NAME PLATE	1	ASTM A240-304			
25	RIVET	2	ASTM A276-304			
24	SPLIT PIN	2	ASTM A276-304			
23	PIN	2	AISI 1035			
22	GEAR OPERATOR	1				
21	BOLT		AISI 1035			
20	NUT	2	ASTM A194-2H			
19	EYE BOLT	2	ASTM A193-B7			
18	NUT		ASTM A194-2H			
17	STUD		ASTM A193-B7			
16	NUT		ASTM A194-2H			
15	STUD		ASTM A193-B7			
14	STEM ENCLOSURE	1	AISI A283GRC			
13	PACKING		GRAPHITE			
12	GASKET(RING JOINT)	1	AISI 1008			
11	SPACER RING	1	ASTM A276-420			
10	GLAND	1	ASTM A276-420			
09	BACK SEAT	1	ASTM A276-420			
08	STEM	1	ASTM A182-F6a			
07	SEAT RING	2	ASTM A105N/STL.6 OVERLAY			
06	GLAND FLANGE	1	ASTM A352-LCC			
05	STEM NUT	1	ASTM A439 D-2			
04	YOKE	1	ASTM A352-LCC			
03	WEDGE	1	ASTM A352-LCC/ER316 OVERLAY			
02	BONNET	1	ASTM A352-LCC			
01	BODY	1	ASTM A352-LCC			
NO.	PART NAME	QTY.	MATERIAL	REMARK		
Stan.	API 600	Shell Test	38.8 MPa	Draft	L Chou	03/22/11
Class	1500 LB	Seat Test (Hyd.)	28.5 MPa	Check		
Size	6"-18"	Seat Test (Air)	0.6 MPa	Appr.		
Rev.	0	Man.Fig.: 6"-18" G15JC12-G-NC				
Type	CAST STEEL GATE VALVE					
UserFig.						

