

UNIT:mm	SIZE	L	W	d	G	C	D	b	n- $\phi d1$	H1	H2	T	Weight(Kg)
	2"	178	200	51	92	120.5	152	15.8	4-19	327	387	8.6	18
	2-1/2"	190	200	64	105	139.5	178	17.6	4-19	362	437	9.7	20
	3"	203	250	76	127	152.5	190	19.1	4-19	394	480	10.4	34
	3-1/2"	216	250	89	140	178.0	216	20.6	8-19	444	557	10.8	45
	4"	229	250	102	157	190.5	229	23.9	8-19	471	585	11.2	49
	5"	254	300	127	186	216.0	254	23.9	8-22	541	681	11.5	64
	6"	267	300	152	216	241.5	279	25.4	8-22	601	767	11.9	79
	8"	292	350	203	270	298.5	343	28.5	8-22	738	956	12.7	119
	10"	330	400	254	324	362.0	406	30.3	12-25	879	1149	14.2	191
	12"	356	450	305	381	432.0	483	31.8	12-25	1028	1350	16.0	291

**APPLICABLE STANDARDS & TECHNICAL NOTES:**

Design: API 600 Face to Face Dimension: ASME B16.10

Inspection & Test: API 598

End Flanges Dimension: ASME B16.5

25	SPACER RING	1	ASTM A276-420
24	NAME PLATE	1	ASTM A240-304
23	RIVET	2	ASTM A276-304
22	SPLIT PIN	2	ASTM A276-304
21	PIN	2	AISI 1035
20	SCREW	1	AISI 1035
19	GREASE FITTING	1	AISI 1025
18	NUT	2	ASTM A194-2H
17	EYE BOLT	2	ASTM A193-B7
16	NUT		ASTM A194-2H
15	STUD		ASTM A193-B7
14	HANDWHEEL NUT	1	AISI 1025
13	RETAINING NUT	1	AISI 1025
12	PACKING		John Crane C1065
11	GASKET	1	REINFORCED GRAPHITE
10	GLAND	1	ASTM A276-420
09	BACK SEAT	1	ASTM A276-F316L
08	STEM	1	ASTM A182-F316
07	SEAT RING	2	ASTM A105N/STL.6 OVERLAY
06	HANDWHEEL	1	ASTM A536 60-40-18
05	GLAND FLANGE	1	ASTM A216-WCB
04	STEM NUT	1	ASTM A439 D-2
03	WEDGE	1	ASTM A216-WCB/316 OVERLAY
02	BONNET	1	ASTM A216-WCB
01	BODY	1	ASTM A216-WCB

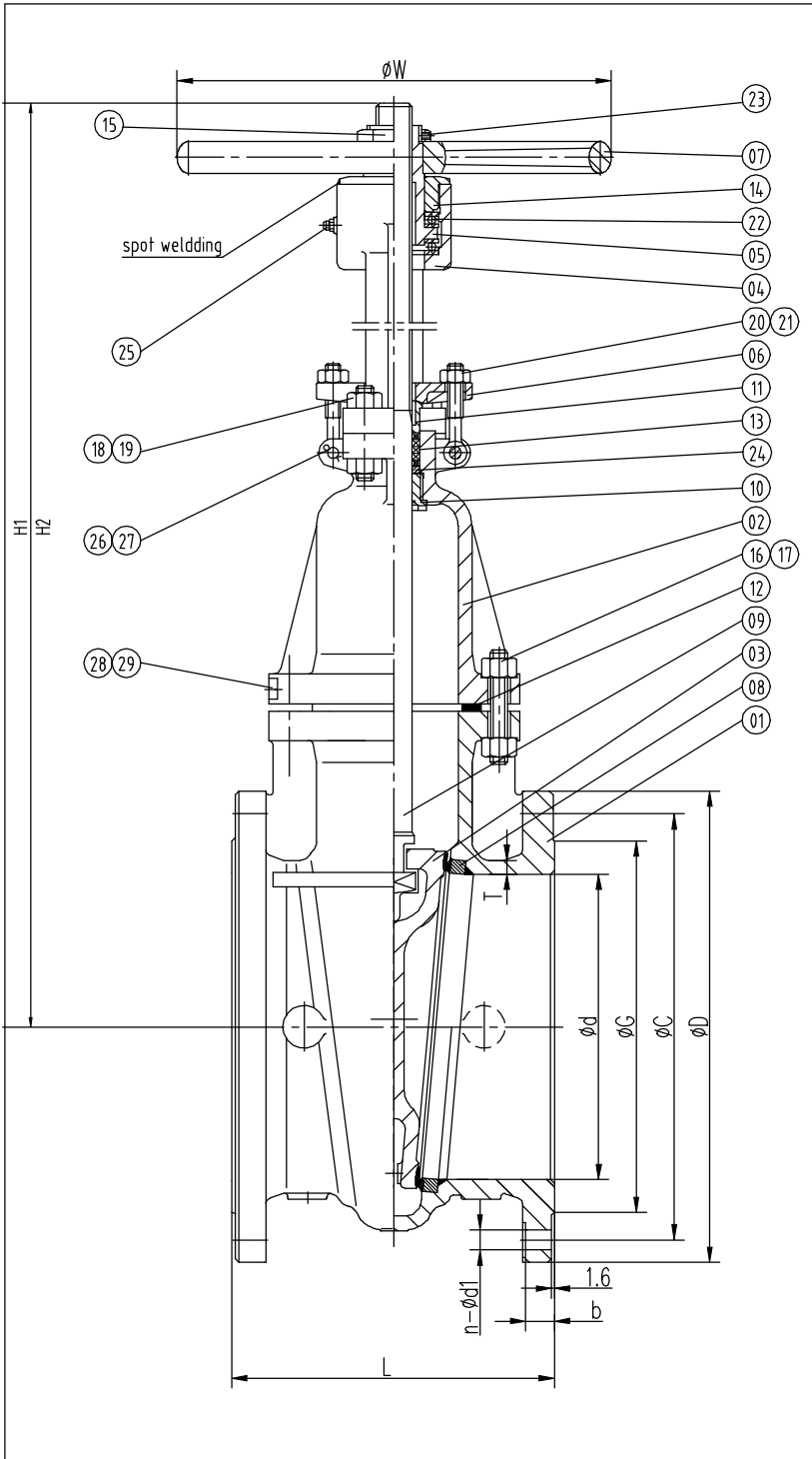
NO.	PART NAME	QTY.	MATERIAL	REMARK
Stan.	API 600	Shell Test	3.2 MPa	Draft
Class	150 LB	Seat Test (Hyd.)	2.2 MPa	Check
Size	2"~12"	Seat Test (Air)	0.6 MPa	Appr.

Rev. 0 Man.Fig.: G1R,WCB/NO.12


Type CAST STEEL GATE VALVE

UserFig. SPACE Fig. 15011SS





UNIT:m	SIZE	L	W	d	G	C	D	b	n-φd1	H1	H2	T	Weight(Kg)
	14"	381	500	337	413	476.0	533	35.1	12-29	1151	1508	16.8	362
	16"	406	550	387	470	539.5	597	36.6	16-29	1295	1703	17.5	463
	18"	432	600	438	533	578.0	635	39.7	16-32	1430	1892	18.3	621
	20"	457	680	489	584	635.0	698	43.0	20-32	1598	2113	19.1	792
	24"	508	760	591	692	749.5	813	47.8	20-35	1867	2489	20.6	1190

APPLICABLE STANDARDS & TECHNICAL NOTES:				
Design: API 600			Face to Face Dimension: ASME B16.10	
Inspection & Test: API 598			End Flanges Dimension: ASME B16.5	
29	NAME PLATE	1	ASTM A240-304	
28	RIVET	2	ASTM A276-304	
27	SPLIT PIN	2	ASTM A276-304	
26	PIN	2	AISI 1035	
25	GREASE FITTING	1	AISI 1025	
24	SPACER RING	1	ASTM A276-420	
23	SCREW	1	AISI 1035	
22	THRUST BEARING	2		
21	NUT	2	ASTM A194-2H	
20	EYE BOLT	2	ASTM A193-B7	
19	NUT		ASTM A194-2H	
18	STUD		ASTM A193-B7	
17	NUT		ASTM A194-2H	
16	STUD		ASTM A193-B7	
15	HANDWHEEL NUT	1	AISI 1025	
14	RETAINING NUT	1	AISI 1025	
13	PACKING		John Crane C1065	18"-24" PTFE Neway provide
12	GASKET	1	REINFORCED GRAPHITE	
11	GLAND	1	ASTM A276-420	
10	BACK SEAT	1	ASTM A276-F316L	
09	STEM	1	ASTM A182-F316	
08	SEAT RING	2	ASTM A105N/STL.6 OVERLAY	
07	HANDWHEEL	1	ASTM A536 60-40-18	
06	GLAND FLANGE	1	ASTM A216-WCB	
05	STEM NUT	1	ASTM A439 D-2	
04	YOKE	1	ASTM A216-WCB	
03	WEDGE	1	ASTM A216-WCB/316OVERLAY	
02	BONNET	1	ASTM A216-WCB	
01	BODY	1	ASTM A216-WCB	
NO.	PART NAME	QTY.	MATERIAL	REMARK
Stan.	API 600	Shell Test	3.2 MPa	Draft
Class	150 LB	Seat Test (Hyd.)	2.2 MPa	Check
Size	14"~24"	Seat Test (Air)	0.6 MPa	Appr.
Rev.	0	Man.Fig.:	G1R, WCB/NO.12	
Type	CAST STEEL GATE VALVE			
UserFig.	SPACE Fig. 15011SS			