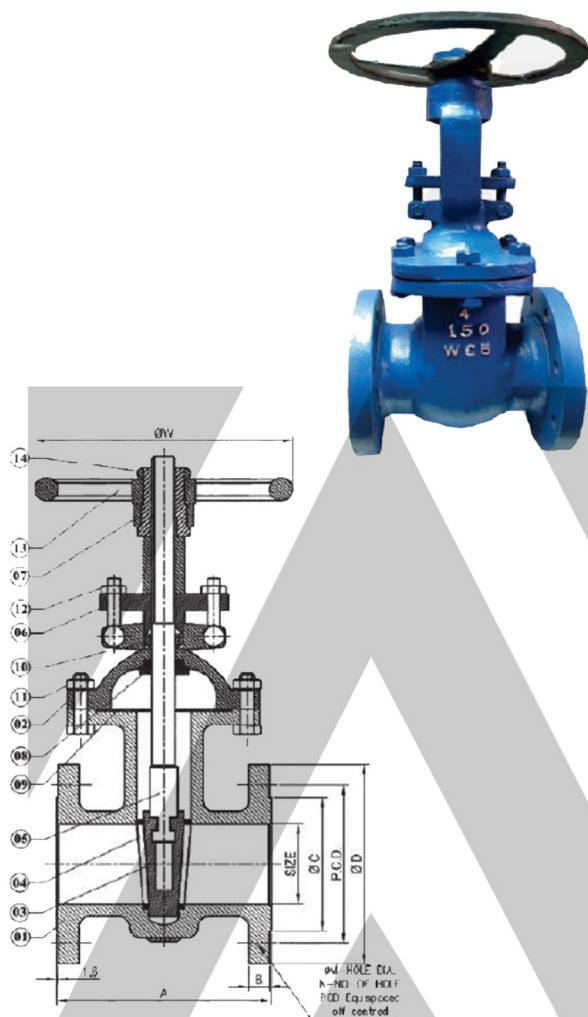


GATE VALVE (150# / 300#)

"Apollo" make Gate Valves are Primarily Designed to start or stop flow & when a straight line flow of fluid & minimum flow restriction are needed. In service this valve generally are either fully open or fully closed.



NO	DESCRIPTION	MATERIAL	QTY.
01.	BODY	ASTM A 216 Gr. WCB/CF8/CF8M	1
02.	BONNET	ASTM A 216 Gr. WCB/CF8/CF8M	1
03.	WEDGE	ASTM A 216 Gr. WCB/CF8/CF8M	1
04.	SEAT RING	AISI 410 (13% CR) / SS 304 / 316	2
05.	STEM	AISI 410 (13% CR) / SS 304 / 316	1
06.	GLAND	CARBON STEEL	1
07.	YOKE SLEEVE	NI - RESIST - NODULAR CAST IRON	1
08.	BACK SEAT	AISI 410 (13% CR) / SS 304 / 316	1
09.	GASKET	SPRAL WOUND METALIC	1
10.	GLAND PACKING	METALIC WIRE REINFORCE	—
		GRAPHOIL ASBESTOS	Req.
11.	BONNET STUB & NUT	ASTM A 193 Gr. B7 / ASTM A 194 Gr. 2H	Req.
12.	EYE BOLT & NUT	ASTM A 193 Gr. B7 / ASTM A 194 Gr. 2H	2SET
13.	HAND WHEEL	S G IRON	1
14.	HAND WHEEL NUT	CARBON STEEL	1

TECHNICAL DATA	
DESIGN & MANUFACTURING STD.	BS-1414 / AP / 600
TESTING & INSPECTION STD.	AP I 598
END CONNECTIONS :	FLANGED AS PER ANSI B-16.5
SEAL WALL THICKNESS	ANSI B 16.34
FACE TO FACE :	AS PER ANSI / B 16.10

PRIMARY SERVICE RATING & TEST PRESSURE				
CLASS	WORKING PRES.	TEMP.	HYD. TEST PRESS. BODY	SEAT
150	150 PSIG	500°F	425 PSIG	300 PSIG
300	300 PSIG	800°F	1100 PSIG	800 PSIG
AIR TEST - SEAT - 80 PSIG + 10 PSIG				

SIZE		CLASS - 150								
IN.	M.M.	A	B	ØC	ØD	ØM	N	P.C.D.	ØW	
1"	25	127.0	11.0	51	108.0	16	4	79.2	100	
1.1/2"	40	165.1	14.2	73	127.0	16	4	98.5	135	
2"	50	177.8	15.7	92	152.0	19	4	120.6	200	
2.1/2"	65	190.5	17.5	105	178.0	19	4	139.7	250	
3"	80	203.2	19.0	127	190.5	19	4	152.4	250	
4"	100	228.6	24.0	157	229.0	19	8	190.5	300	
5"	125	254.0	24.0	186	254.0	22	8	215.9	350	
6"	150	266.7	25.0	216	279.0	22	8	241.3	350	
8"	200	292.1	28.5	270	343.0	22	8	298.4	400	
10"	250	330.2	30.0	324	406.0	25	12	362.0	450	
12"	300	335.6	32.0	381	483.0	25	12	431.8	500	
14"	350	381.0	35.0	413	534.0	28	12	476.2	508	
16"	400	406.4	36.5	470	597.0	28	16	539.0	508	

SIZE		CLASS - 300								
IN.	M.M.	A	B	ØC	ØD	ØM	N	P.C.D.	ØW	
1.1/2"	40	190.5	20.5	73	155.4	22	4	114.3	152	
2"	50	215.9	22.0	92	166.0	19	8	127.0	203	
2.1/2"	65	241.3	25.0	105	190.5	22	8	149.3	203	
3"	80	282.5	28.5	127	209.5	22	8	168.1	254	
4"	100	304.8	32.0	157	254.0	22	8	200.1	305	
5"	125	381.0	35.0	186	279.4	22	8	234.9	356	
6"	150	403.2	36.5	216	317.5	22	12	269.7	356	
8"	200	419.1	41.0	270	381.0	25	12	330.2	407	
10"	250	457.2	48.0	324	444.5	29	16	387.3	457	
12"	300	501.6	51.0	381	520.7	32	16	450.8	508	
14"	350	562.0	54.0	413	584.2	32	20	514.3	508	
16"	400	638.2	57.0	470	647.7	35	20	571.5	508	