

## API Rising Stem Carbon Steel Gate Valve

### Product Description

Name	Description
Model	Z(5/9)41H/Y-150/300/600LB
Name	Rising Stem Carbon Steel Gate Valve
Size	DN15-DN1000
Pressure	150LB/300LB/600LB
Temp.	-29°C~425°C
Suitable Medium	Water, steam, oil.
Body	WCB
Seat	13Cr/Stellite
Wedge	WCB
Stem	2Cr13
Actuator	Handwheel/Gear/Motorized

### Executive Standard

Name	Standard
Design and Manufacture	API 600
Face to face Length	ASME B16.10
End Flange	ASME B16.5
Pressure Test	API598

### Dimensions

Size		150LB							300LB							600LB						
DN	NPS(Inch)	L	D	D1	D2	b	f	z-Ød	L	D	D1	D2	b	f	z-Ød	L	D	D1	D2	b	f	z-Ød
15	1/2"	108	90	60.3	34.9	8	2	4-16	140	95	66.7	34.9	12.7	2	4-16	165	95	66.7	34.9	14.3	7	4-16
20	3/4"	117	100	69.9	42.9	8.9	2	4-16	152	115	82.6	42.9	14.3	2	4-19	190	115	82.6	42.9	15.9	7	4-19
25	1"	127	110	79.4	50.8	9.6	2	4-16	165	125	88.9	50.8	15.9	2	4-19	216	125	88.9	50.8	17.5	7	4-19
32	1 1/4"	140	115	88.9	63.5	11.2	2	4-16	178	135	98.4	63.5	17.5	2	4-19	229	135	98.4	63.5	20.7	7	4-19
40	1 1/2"	165	125	98.4	73	12.7	2	4-16	190	155	114.3	73	19.1	2	4-22	214	155	114.3	73	22.3	7	4-22
50	2"	178	150	120.7	92.1	14.3	2	4-19	216	165	127	92.1	20.7	2	8-19	292	165	127	92.1	25.4	7	8-19
65	2 1/2"	190	180	139.7	104.8	15.9	2	4-19	241	190	149.2	104.8	23.9	2	8-22.5	330	190	149.2	104.8	28.6	7	8-22.5
80	3"	203	190	152.4	127	17.5	2	4-19	282	210	168.3	127	27	2	8-22.5	356	210	168.3	127	31.8	7	8-22.5
100	4"	229	230	190.5	157.2	22.3	2	8-19	305	255	200	157.2	30.2	2	8-22.5	432	275	215.9	157.2	38.1	7	8-25.5
125	5"	254	255	215.9	185.7	22.3	2	8-22	381	280	235	185.7	33.4	2	8-22.5	508	330	266.7	185.7	44.5	7	8-29
150	6"	267	280	241.3	215.9	23.9	2	8-22	403	320	269.9	215.9	35	2	12-22.5	559	355	292.1	215.9	47.7	7	12-29
200	8"	292	345	298.5	269.9	27	2	8-22	419	380	330.2	269.9	39.7	2	12-25.5	660	420	349.2	269.9	55.6	7	12-32
250	10"	330	405	362	323.8	28.6	2	12-25	457	445	387.4	323.8	46.1	2	16-29	787	510	431.8	323.8	63.5	7	16-35
300	12"	356	485	431.8	381	30.2	2	12-25	502	520	450.8	381	49.3	2	16-32	838	560	489	381	66.7	7	20-35
350	14"	381	535	476.3	412.8	33.4	2	12-29	762	585	514.4	412.8	52.4	2	20-32	889	605	527	412.8	69.9	7	20-38
400	16"	406	595	539.8	469.9	35	2	16-29	838	650	571.5	469.9	55.6	2	20-35	991	685	603.2	469.9	76.2	7	20-41
450	18"	432	635	577.9	533.4	38.1	2	16-32	914	710	628.6	533.4	58.8	2	24-35	1092	745	654	533.4	82.6	7	20-44.5
500	20"	457	700	635	584.2	41.3	2	20-32	991	775	685.8	584.2	62	2	24-35	1194	815	723.9	584.2	88.9	7	24-44.5
600	24"	508	815	749.5	692.2	46.1	2	20-35	1143	915	812.8	692.2	68.3	2	24-41	1397	940	838.2	692.2	101.6	7	24-51
650	26"	559	870	806.4	749	66.7	2	24-35	-	-	-	-	-	-	-	-	-	-	-	-	-	-
700	28"	610	925	863.6	800	69.9	2	28-35	1245	970	876.3	749	77.8	2	28-45	-	-	-	-	-	-	-
750	30"	610	985	914.4	857	73.1	2	28-35	-	-	-	-	-	-	-	-	-	-	-	-	-	-
800	32"	711	1060	977.9	914	79.4	2	28-41	1346	1035	939.8	800	84.2	2	28-45	-	-	-	-	-	-	-
900	36"	711	1170	1085.8	1022	88.9	2	32-41	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1000	40"	1067	1290	1200.2	1124	88.9	2	36-41	-	-	-	-	-	-	-	-	-	-	-	-	-	-

