



### PRODUCT RANGE

<b>Size</b>	40 mm - 300 mm
<b>Material Cast Steel</b>	Cast Steel ASTM A216 Gr. WCB SS304 - ASTM A351 Gr. CF8 SS316 - ASTM A351 Gr. CF8M
<b>End Connection</b>	Flange End ASA 150# / 300#

### APPLICABLE STANDARDS

<b>Design &amp; Mfg.</b>	API 600
<b>Face to Face</b>	ASME B16.10
<b>Flange End</b>	ASME B16.5, RF
<b>Pressure / Temp Rating</b>	ASME B16.34-
<b>Testing Standard</b>	API 598

### DESIGN FEATURES

- Full Port Design
- 'OS' & 'Y' Type Construction
- Bolted Bonnet
- Solid Wedge / Split Wedge
- Fully Guided Wedge
- Hardface CA 15 / Stellite Seat
- Renewable Seat Rings
- Rising Stem & Non-Rising Handwheel

### AVAILABLE MODIFICATIONS

- Full Jacketed Gate Valve
- Trim Changes
- Extended Stem (on request)
- SS304L / SS316L Body MOC
- Electric / Pneumatic Actuator

### TEST PRESSURE

Rating	Body	Seat	Pneumatic
150#	32 kg./cm <sup>2</sup>	23 kg./cm <sup>2</sup>	7 kg./cm <sup>2</sup>
300#	79 kg./cm <sup>2</sup>	58 kg./cm <sup>2</sup>	7 kg./cm <sup>2</sup>

P. NO.	PART NAME	MATERIAL		
		CAST STEEL	SS304	SS316
1	Body	A216 Gr. WCB	A351 Gr. CF8	A351 Gr. CF8M
2	Bonnet	A216 Gr. WCB	A351 Gr. CF8	A351 Gr. CF8M
3				
4	Wedge	CA15/WCB + 13% Cr	A351 Gr. CF8	A351 Gr. CF8M
5	Seat Ring	CA15/WCB + 13% Cr	AISI 304	AISI 316
6	Stem	AISI 410	AISI 304	AISI 316
7	Back Seat Bush	AISI 410	AISI 304	AISI 316
8	Gland Bush	AISI 410	AISI 304	AISI 316
9	Gland Flange	CS	CS	CS
10	Stem Nut	SG Iron	SG Iron	SG Iron
11	Lock Nut	CS	CS	CS
12	Stem Packing	Graphoil Ring		
13	Bonnet Gasket	Spiral Wound SS304+ Graphoil Filler		
14	Bonnet Studs	A193 Gr. B7	A193 Gr. B8	A193 Gr. B8M
15	Bonnet Nuts	A194 Gr. 2H	A194 Gr. 8	A194 Gr. 8M
16	Gland Eye Bolts & Nuts	A193 Gr. B7	CS	CS
17	Gland Lug Bolts & Nuts	A194 Gr. 2H	CS	CS
18	Grease Nipple	Std.	Std.	Std.
19	Key	CS	CS	CS
20	Grub Screw	CS	CS	CS
21	Handwheel	Malleable Iron / C. I. / WCB		
22	Handwheel Nut	CS	CS	CS

GATE VALVE FLANGE END ASA 150#								
SIZE	PORT	L	ØD	b	Øg	ØJ	N	K:PCD
40	38	165	125	14.7	73.0	15.9	4	98.4
50	51	178	150	16.3	92.1	19.1	4	120.7
65	64	190	180	17.9	104.8	19.1	4	139.7
80	76	203	190	19.5	127.0	19.1	4	152.4
100	102	229	230	24.3	157.0	19.1	8	190.5
125	127	254	255	24.3	185.7	22.2	8	215.9
150	152	267	280	25.9	215.9	22.2	8	241.3
200	203	292	345	29.0	269.9	22.2	8	298.5
250	254	330	405	30.6	323.8	25.4	12	362.0

