

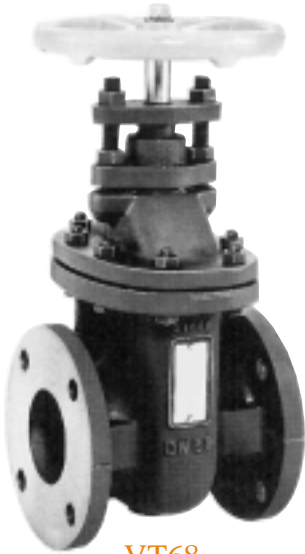
# CAST IRON GATE VALVES

## VT68

Class 125 BS 5150

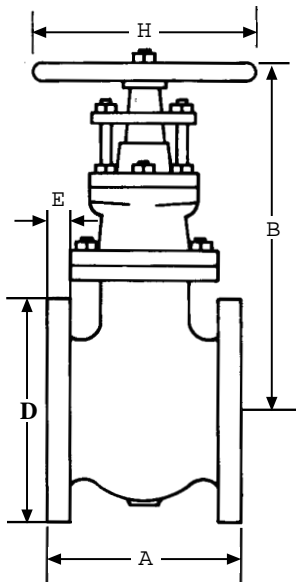
Flanged  
ANSI Class 125

Bronze trim  
DN50 to DN300



VT68

Wedge disk  
Non-rising stem  
Inside screw



VT

**Applications** - manufacture is to BS 5150. Best employed for duties that require infrequent opening/closing operation of the valve.

**Specification** - manufacture is to BS 5150. Flanges are to BS 1560 Section 3.2/ANSI B16.1 Class 125 with flat face and are normally supplied drilled. The valves conform to the requirements of MSS-SP-70. All the cast iron gate valves are provided with blind bosses which may be drilled and tapped and fitted with a threaded plug. Packing: non-asbestos pre-formed rings. Gland: 2-piece ball type with separate bolted flange to ensure even pull-up on packing.

### P/T ratings

Temperature °Celsius	-10° to +65°	100°	120°	140°	150°	160°	180°	200°	220°	230°
Pressure bar	13,8	12,7	12,1	11,6	11,4	10,8	10,3	9,8	8,9	8,6

Temperature °Fahrenheit	0° to 150°	200°	250°	300°	350°	400°	450°
Pressure psi	200	190	175	165	150	140	125

### Trim materials

Part	Sizes	Material
Disk	DN50-DN65	Bronze
	DN80-DN300	Cast iron with bronze facings
Body seat rings	DN50-DN300	Bronze
Stem	DN50-DN100	Manganese bronze
	DN125-DN300	HT brass

**Testing** - each valve is hydrostatically tested to BS 5150.

### Dimensions mm / Weights

DN	in	A	B	D	E	H	kg
50	2	178	298	152	16	180	18
65	2 /	190	321	178	17	180	22
80	3	203	375	191	19	200	26
100	4	229	430	229	24	260	48
125	5	254	454	254	24	300	66
150	6	267	550	279	25	300	80
200	8	292	678	343	29	350	141
250	10	330	750	406	30	400	202
300	12	356	880	483	32	450	283

**Options** - flanges undrilled; tapped bosses; locking device; open-shut indicator; extension stem sizes DN 350 - DN 900.

