



## DESCRIPTION

**VALMATIC™** Cast Iron Gate Valve is designed with straight through bore type with rising stem, outside screw & yoke, bolted bonnet and stainless steel trim. The open and closed position of the valve is easily distinguished by the stem position. The Wedge is replaceable without needing to remove the valve from the pipelines.

**VALMATIC™** Cast Iron Gate Valve allows for two-way flow direction and used for closing or opening the medium flow. This valve can be installed in horizontal and vertical positions in the piping systems. It is widely used in process industries such as Palm Oil and Refinery Plant, Food Industries, Petrochemical, Fire Protection System, Power Plant and Cooling System.

## APPLICATION

Suitable for crude oil, water, steam, gases and others non-aggressive media (Refer to corrosion resistance table for valve materials selection).

## SPECIFICATION

Face to Face Dimension - ANSI B16.10  
 Standard Compliance - Conform to MSS SP-70 Class 125  
 End Connection - Flanged End to B16.5 ANSI 150

## MATERIALS

No.	Parts	Material
1.	Body	Cast Iron ASTM A126B
2.	Seat Ring	Stainless Steel 13%Cr.
3.	Wedge	Cast Iron ASTM A126B
4.	Wedge Ring	Stainless Steel 13% Cr.
5.	Stem	Stainless Steel 13% Cr.
6.	Bonnet Gasket	Graphite with Steel
7.	Bonnet	Cast Iron ASTM A126B
8.	Back Seat Bushing	Stainless Steel 13% Cr.
9.	Packing	Graphite
10.	Packing Gland	Ductile Iron ASTM A536
11.	Yoke	Cast Iron ASTM A126B
12.	Handwheel	Cast Iron ASTM A126B

## PRESSURE-TEMPERATURE RATINGS ACC. MSS STANDARD PRACTICE SP-70, SP-71 AND SP-85

Pressure Rating And Material	Temperature				
	60°C	120°C	160°C	200°C	230°C
Valve Size 2" - 12"	14 Bar	12 Bar	10 Bar	9 Bar	8 Bar
Valve Size 14" - 24"	10 Bar	8 Bar	7 Bar	—	—

## DIMENSIONS (mm)

Size (inch)	1½	2	2½	3	4	5	6	8	10	12	14	16	18	20	24
L	165	178	190	203	229	254	267	292	330	356	381	406	432	457	508
H	290	320	345	387	490	576	680	808	1010	1080	1258	1385	1545	1688	2342
ØW	180	200	200	200	254	300	300	345	400	450	505	556	610	610	700
Weight (Kg)	15.3	20	26	32	50	70	89	141	218	315	457	570	735	990	1341

The specification is subject to change without further notice



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