

# Serie F.100



STAINLESS STEEL GATE VALVE THREADED

F.140



The valve model F.140 is threaded gate valve, made of stainless steel, manufactured in accordance with severe product norms and relevant norms, and in conformity to EN ISO 9001

These valves are suitable for heating and conditioning (HVAC), water distribution, waste water, industrial applications, agricultural purposes.

**NO:** for steam, for choking and regulation of the flow

## Application fields



WATER



CONDITIONING



INDUSTRY



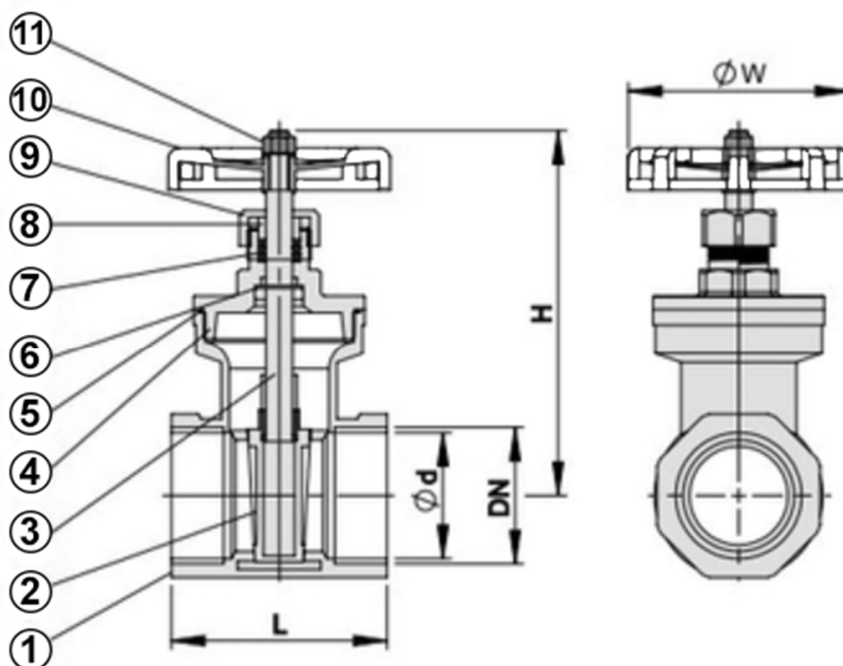
DRINKING WATER



FIRE FIGHTING



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	Component	Material
1	Body	CF8 / CF8M - Stainless Steel
2	Disc	CF8 / CF8M - Stainless Steel
3	Stem	SS304 / SS316 - Stainless Steel
4	Bonnet	CF8 / CF8M - Stainless Steel
5	Packing	PTFE - Teflon
6	Stem Bush	SS304 / SS316 - Stainless Steel
7	Packing	PTFE - Teflon
8	Nut	SS304 / SS316 - Stainless Steel
9	Packing Nut	SS304 / SS316 - Stainless Steel
10	Handwheel	Steel
11	Handwheel Nut	SS304 / SS316 - Stainless Steel

\*Option for Stainless steel materials: SS316L

## Dimensions (mm)

DN	15	20	25	32	40	50
A	15	20	25	32	38	50
H	90	97	108	120	146	163
L	55	60	65	75	85	95
D	70	70	80	80	90	100

### Certificates



### Standards

Design : BS EN 5154  
 Thread Standard : EN ISO 7  
 Tests : TS EN 12266-1  
 Nominal Pressure: 200PSI  
 Temperature: -20 ~ 232°C

## Instruction and Recommendations

### **STORING**

Keep in dry and closed place.

### **RECOMMENDATIONS**

Before carrying out maintenance or dismantling the valve:

Ensure that the pipes, valves and fluids have cooled down, that the pressure has decreased, and that the lines and pipes have been drained in case of toxic, corrosive, inflammable or caustic liquids. Temperatures above 50°C and below 0°C might cause damage to people.

### **INSTALLATION**

- Handle with care
- The valve must be installed in an open or closed position.
- Do not weld the flanges to the piping after installing the valve
- Prior to installing the valve, ensure that the piping has been carefully cleaned and is free of any residual particles, such as soil, small stones, etc
- In case of installation in wells, ensure there is suitable drainage.
- Water hammers might cause damage and ruptures. Inclination, twisting and misalignments of the piping may subject the valve to stress, once it has been installed. It is recommended that elastic joints be used, in order to reduce these effects as much as possible.
- It is not recommended to install gate valve at the end of pipe. Because impurity will accumulate at the disc, which will leading leaking