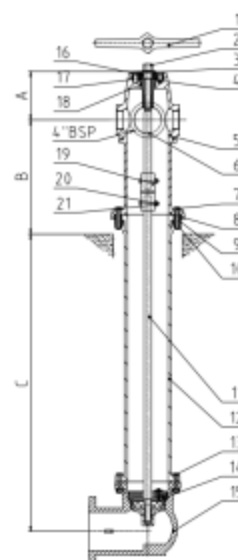
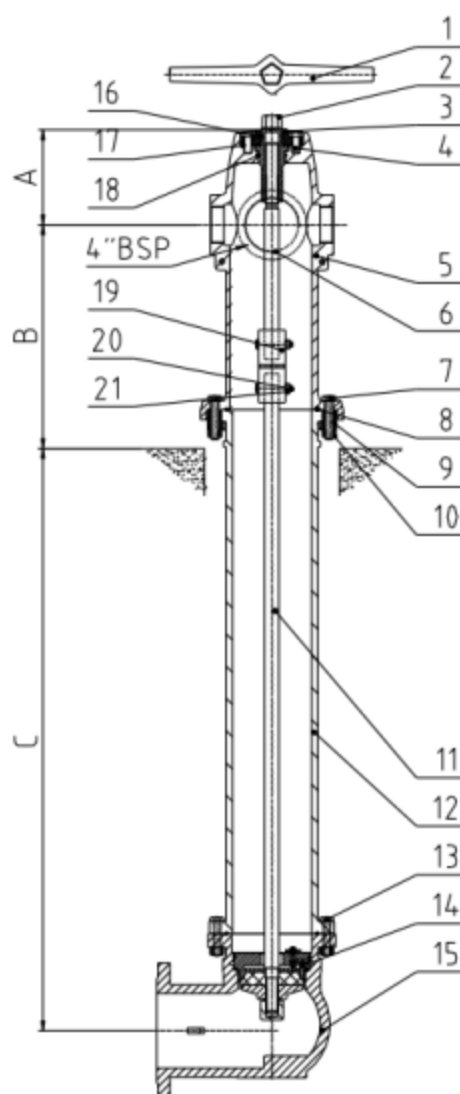


## Dry type pillar fire hydrants (without break system)



### SPECIFICATION

Model		FT-8S100			FT-8S150		
Standard		BS EN 14384					
Working pressure		16 BAR					
Inlet		DN100 with flange			DN150 with flange		
Outlet		2x2.5" BSP & 1x4" BSP, c/w couplings or landing valves					
Dimension (mm)	A	207			195		
	B	395			495		
	C	800	1200	1450	800	1200	1450
Shell Material		Ductile Iron					
MOT		≤125NM			≤125NM		
MST		≥250NM			≥250NM		
Kv Value		104.87(2.5"outlet)			184.29(4"outlet)		
Closing Direction		Clockwise			Clockwise		
Opening Turns		16			15		
Time for Draining		≤10min			≤10min		
Retained Water		≤150ml			≤150ml		



NO.	ITEM
1	OPERATING HANDLE
2	OPERATING NUT
3	COVER
4	COVER BOLT
5	UPPER BARREL
6	UPPER STEM
7	CLAW BOLTS
8	O-RING
9	CLAW
10	NUT
11	LOWER STEM ASSEMBLY
12	LOWER BARREL
13	BOTTOM BOLTS
14	AUTOMATIC DRAIN ASSEMBLY
15	90°BEND
16	O-RING
17	COVER SHEET
18	O-RING
19	STEM COUPLING
20	STEM COUPLING BOLT
21	STEM COUPLING NUT

## FEATURES

Dry barrel design eliminates damage to the hydrant caused by freezing or corrosion of the upper part.

- ❖ Simple rugged construction and easy to maintain.
- ❖ Automatic drain system drains the water in the upper part when the main valve is closed thus avoiding damage caused by freezing.
- ❖ Externally sand blasted for smooth finish, painted red with electrostatic powder coating on the section above the ground and double coating of black bituminous paint on the section below ground, all paint thickness  $\geq 300\mu\text{m}$ .
- ❖ Optional: Barrel length extension kit in different lengths is available on request.
- ❖ Hydrants for non potable water systems.
- ❖ Flange according to customer requirements.
- ❖ Stem, steel or stainless steel for extra corrosion resistance.

## INSTALLATION

Pillar fire hydrant is an outdoor water supply facilities, for water supply to fire track or direct connection with fire hose or nozzle to fire fighting, is the essential facilities for outdoor fire service.

Pillar fire hydrants installation design, should be designed to consider the intersection area of the street, in the striking guarantee and does not affect pedestrians, driving position, while ensuring easy to maintenance and daily drainage, such as the curb on the sidewalk, nearby the storm drain and sidewalk's tree side.

## MAINTENANCE GUIDE

- ❖ Each month and before major holidays, should inspection the fire hydrants
- ❖ Debris removal around the operating nut.
- ❖ Set the special fire hydrant operating handle to the operating nut, check whether suitable and turn the operating handle, filling oil.
- ❖ Erase the plot rust on the outlet threads, and check the rubber gasket inside the cover is intact.
- ❖ Open the fire hydrants, check the water supply situation, put rust water and then close fire hydrants, and observe whether the water leakage, if identify problems need timely maintenance.
- ❖ Check the hydrants surface whether peeling paint, whether the rust, if any should be repaired