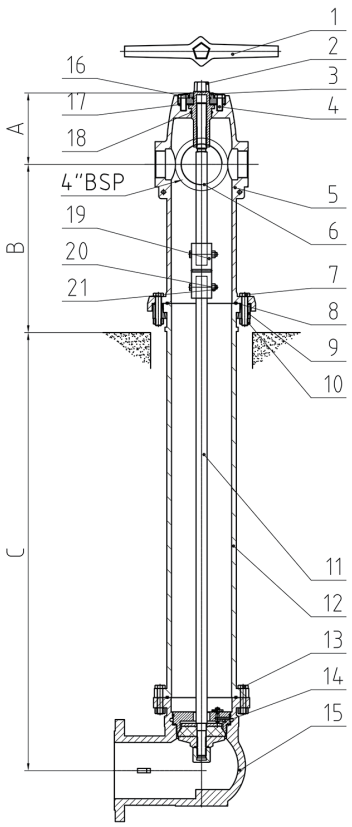
FT16-083S-00
DRY TYPE PILLAR HYDRANT

BS EN 14384
Cert/LPCB ref.1280a

Dry barrel design eliminates damage to the hydrant caused by freezing or corrosion of the upper part.
* Break away design to prevent accidents to the hydrants where only the upper part of the flange would be broken upon impact. When broken, it is still able to maintain seal and does not leak.
* Simple rugged cosntruction 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.
* Extremely sand blasted for smooth finish, painted red with electrostatic powder coating on the section above the ground and double coating of black bituminous paint o nthe section below the ground, all paint thickness ≥ 300μ μm.
* Hydrants for non potable water systems.
* Optional: Barrel length extension in different length is available on request

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



Technical Specification:

Model		FT16–082S–00	FT16–083S–00
Standard		BS EN 14384	
Working pressure		16 bar	
Inlet		DN100 with flange (4")	DN150 with flange(6")
Outlet		Two 2.5" BSP and one 4" BSP add coupling or valves	
Dimensions(mm)	A	207	195
	B	395	455
	C	800 1200	800 1200
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	⩽ 200ml