DESCRIPTION

FIREGUARD Dry Barrel Hydrant has been LPCB Approved and is designed as per international standards. Our Hydrant confirms to BS EN 14384: 2005, BS 1074-1, BS 1074-2 & BS 1074-6 Standards. The hydrant has a Break away design to prevent accidents to the hydrant, where only the upper part of the flange would be broken upon impact, when broken it is still able to maintain the seal and there is no leakage of water. Automatic drain system drains the water in the upper part when the main valve is closed, thus avoiding damage caused by freezing.

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

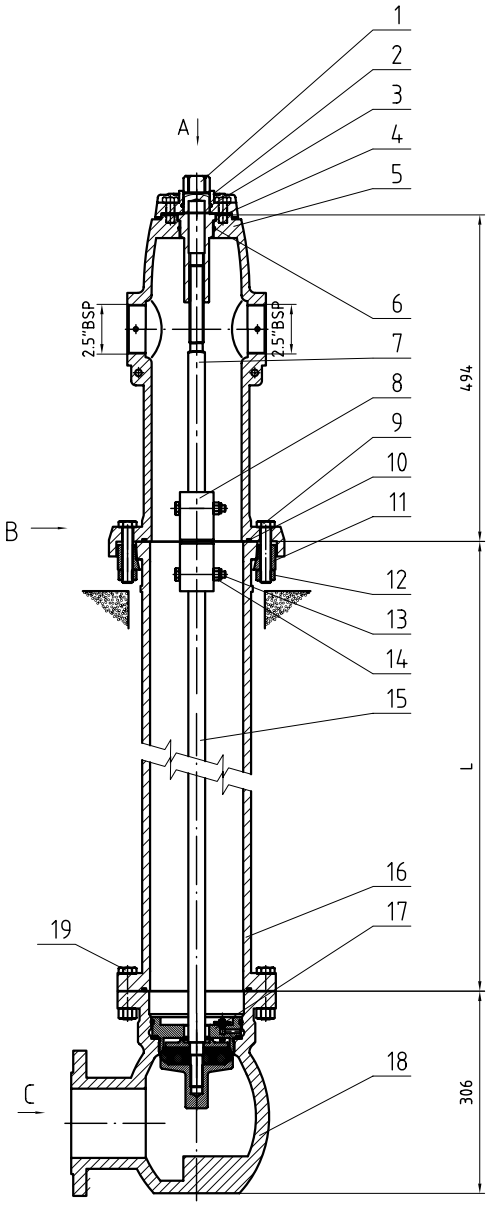
- Break away design to prevent accidents to the hydrants, where only the upper part of the flange would be broken upon impact, When broken, still able to maintain seal, does not leak. e Simple rugged construction and easy to maintain.
- Automatic drain system drains the water in the upper part when the 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 ≥ 300 μ m.
- Hydrants for non potable water systems.
- Flange according to customer requirements.
- Stem, steel or stainless steel for extra corrosion resistance.

TECHNICAL DATA

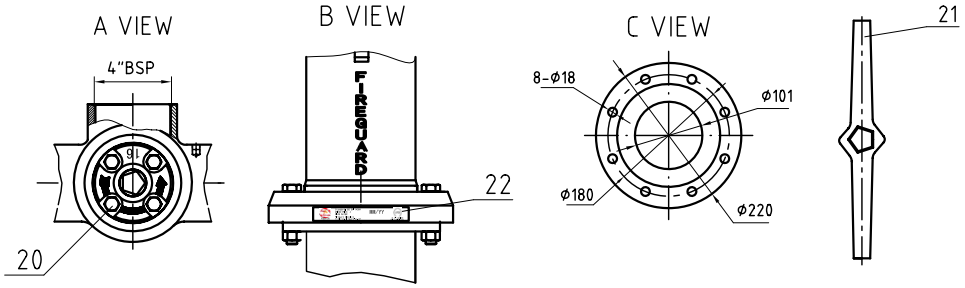
Model		FGDH100		FGDH150	
Standard		BS EN 14384			
Working pressure		16 bar			
Inlet		DN100 with flange		DN150 with flange	
Outlet		Two BS363 and one 4" BSP			
Dimension (mm)	A	100			
	B	70			
	C	413			
	D	563	716	943	1463
Shell material		Ductile iron			
MOT		≤ 125NM		≤ 125NM	
MST		≥ 250NM		≥ 250NM	
Kv Value		101.36(BS336)		207.5(4"outlet)	
Closing direction		Clockwise		Clockwise	
Opening turns		11		11	
Time for draining		≤ 10 min		≤ 10 min	
Retained water		≤ 150 ml		≤ 150 ml	

DRY BARREL PILLAR HYDRANT

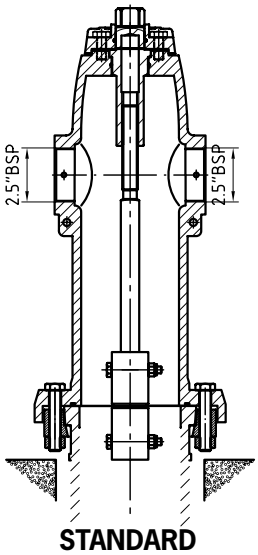
HYDRANT



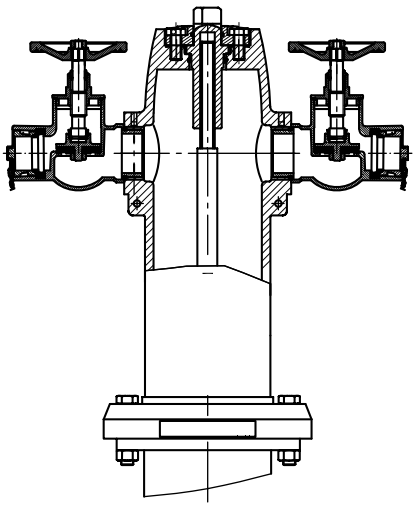
No.	Part Name	Qty	Material
1	Pentagonal Operating Nut	1	HPb58-2A/STS304/STS316/STS316L
2	Top Cover	1	QTY450-10
3	O Ring	1	NBR
4	Top Cover Sheet	1	Steel-Paper Plate
5	Upper Body	1	QTY450-10
6	O Ring	1	NBR
7	Upper Stem	1	35#STEEL/STS304/STS316/STS316L
8	Stem Coupling	1	QTY450-10
9	Screw	8	20#//ST304/STS316/STS316L
10	Seal	2	NBR
11	Claw	8	QTY450-10
12	Nut	16	20#//ST304/STS316/STS316L
13	Screw	2	ST304/STS316/STS316L
14	Nut	2	ST304/STS316/STS316L
15	Lower Stem Assembly	2	35#STEEL/STS304/STS316/STS316L
16	Barrel	1	QTY450-10
17	Brass Nipple Assembly	1	
18	Lower Body	1	QTY450-10
19	Screw	8	20#//ST304/STS316/STS316L
20	Screw	4	20#//ST304/STS316/STS316L
21	Handle	1	QTY450-10
22	Label	1	Al6061



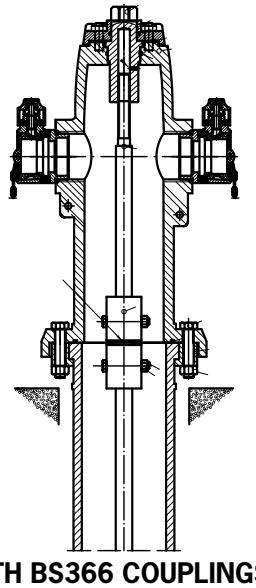
ORDERING INFORMATION



STANDARD



WITH STRAIGHT THROUGH LANDING VALVE



WITH BS366 COUPLINGS