



DRY PILLAR FIRE HYDRANTS



FEATURES

- BSI-KITEMARK approved
- SHIELD Fire Hydrants are manufactured to comply BS EN 14384: 2005, BS 1074-1, BS 1074-2 & BS 1074-6 Standards.
- Dry barrel design eliminates damage to the hydrant caused by freezing of the upper part.
- SHIELD Fire Hydrants are designed for high performance and easy to install, maintain and repair.
- Excellent and proven flow characteristics.
- 2 x 2½" gate valve with female instantaneous outlet to BS 336:2010.
- Body material made of spheroidal graphite cast iron (Ductile Iron) to BS 1563:2011.
- 2 x 2½" Female Instantaneous quick coupling adaptor to BS 336:2010, flanged inlet to BS EN 1092-2
- 1 x 4" Male/Female BSRT pumper to BS 336:2010.
- Aluminum Hood / GRP cover is provided for protection and misusing.
- Operation threads are corrosion protected and for easy operation.
- SHIELD Fire Hydrants are high Pressure rating to 16 Bar.
- Drain starts automatically when hydrant is closed.
- Internal epoxy paint system gives high corrosion protection to hydrants.
- Hydrant protective covers with handle for easy handling.

DESIGN SPECIFICATIONS

SHELL MATERIAL

Spheroidal graphite cast iron. (Ductile Iron)

OBTURATOR

- The design of obturator (base valve) in hydrant is made in such way that it can be replaced at site.
- Material of base valve is high tensile brass.

RESISTANCE TO DISFUNCTION PRODUCTS

Hydrant is built to withstand misuse that may cause dysfunctional failures.

INLET FLANGED TO BS EN 1092-2

CORROSION PROTECTION

All ferrous components liable to corrode are prepared and coated as detail below:

SURFACE PREPARATION:

Each hydrant is shot blasted (inside & outside)

PAINT SYSTEM

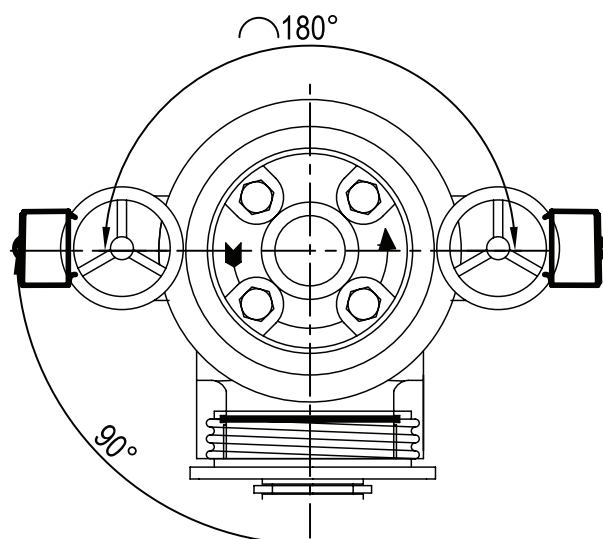
- **INSIDE:** Barrel inside and rod coated with 3 coat epoxy paint system, 200 microns DFT.
- **OUTSIDE:** Outside coating top portion primer coating and red polyurethane coating, 200 microns. Bottom portion outside two coat black bituminous coating, 200 microns.

FIELD OF APPLICATION

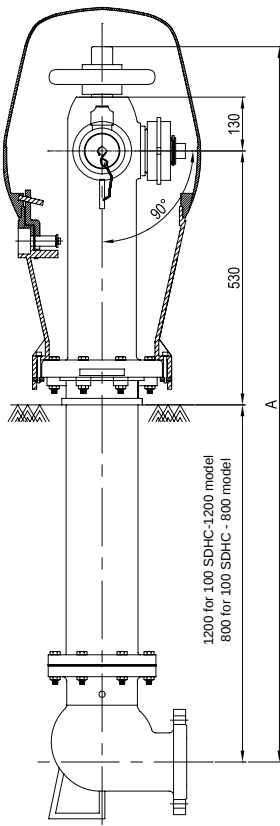
- Fire fighting purpose.
- Suitable for non-potable water supply purpose only.

GENERAL DIMENSIONAL DETAILS

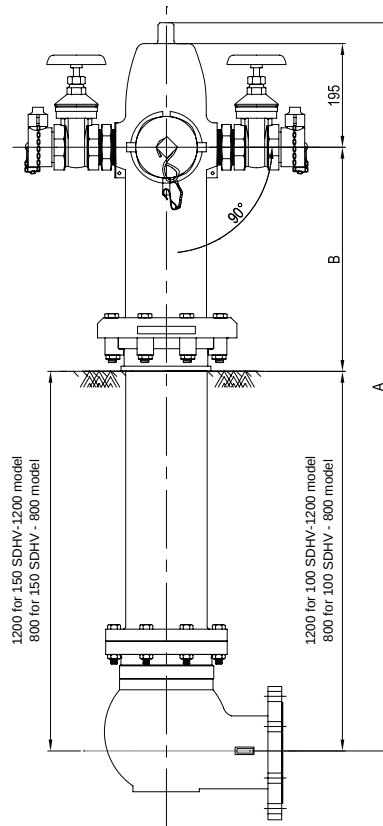
SL.No.	Model No.	Inlet Flange Size in inch (DN)	Dimensions in mm		Working Pressure
			A	B	
SDHC Series					
1	100 SDHC-800	4 (100)	1515	530	16
2	100 SDHC-1200	4 (100)	1915	530	16
SDFHV Series					
1	100 SDFHV-800	4 (100)	1450	430	16
2	100 SDFHV-1200	4 (100)	1850	430	16
3	150 SDFHV-800	6 (150)	1500	480	16
4	150 SDFHV-1200	6 (150)	1900	480	16
SDFHQ Series					
1	100 SDFHQ-800	4 (100)	1450	430	16
2	100 SDFHQ-1200	4 (100)	1850	430	16
3	150 SDFHQ-800	6 (150)	1500	480	16
4	150 SDFHQ-1200	6 (150)	1900	480	16
SDFHQC Series					
1	100 SDFHQC-800	4 (100)	1450	430	16
2	100 SDFHQC-1200	4 (100)	1850	430	16
3	150 SDFHQC-800	6 (150)	1500	480	16
4	150 SDFHQC-1200	6 (150)	1900	480	16
SDFHQS-CD Series					
1	100 SDHQS-CD 800	4 (100)	1450	430	16
2	100 SDHQS-CD 1200	4 (100)	1850	430	16
3	150 SDHQS-CD 800	6 (150)	1500	480	16
4	150 SDHQS-CD 1200	6 (150)	1900	480	16
SDFHQM Series					
1	150 SDFHQM-800	6 (150)	1500	480	16
2	150 SDFHQM-1200	6 (150)	1900	480	16



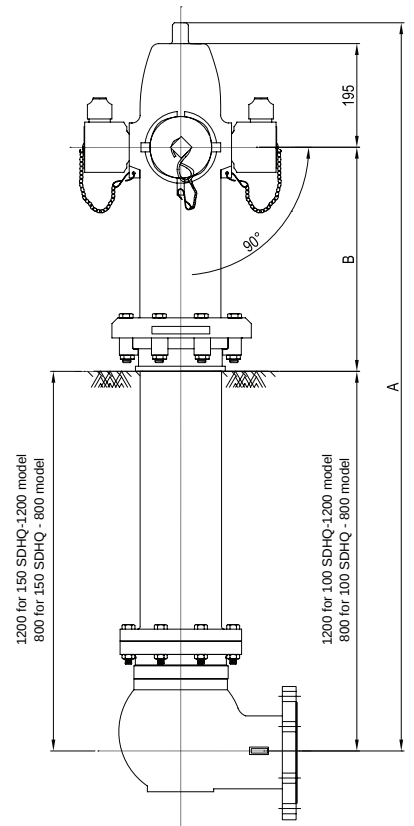
SDHC



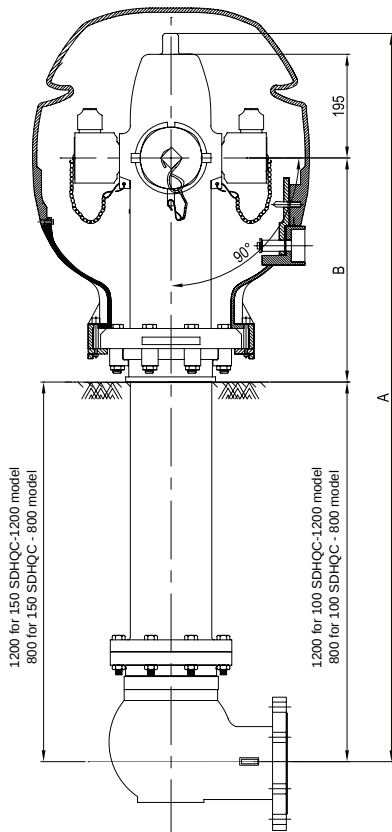
SDHV



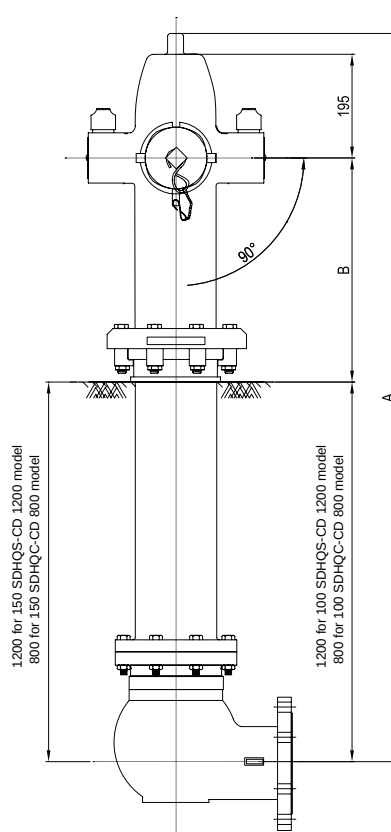
SDHQ



SDHQC



SDHQS-CD



SDHQM

