

UNDER GROUND HYDRANT



PRODUCT DESCRIPTION

SHIELD under ground fire hydrants are valves of screw down type and are suitable for a maximum working pressure of 16 bar.

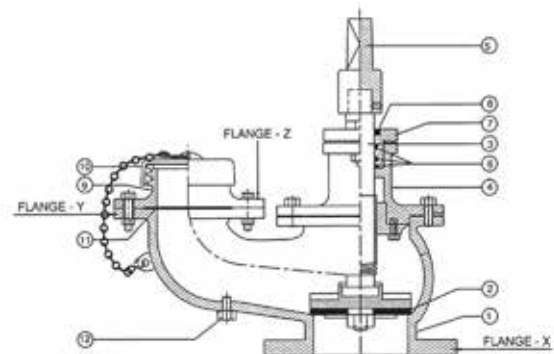
The underground fire hydrants are manufactured to comply to BS 750:2012 and EN 14339:2005 standards with screwed outlet threaded to BS 336:2010 standard.

FEATURES

- BSI Kitemark certified.
- Body material made of grey cast iron to BS 1503-3.
- Material of spindle and threaded part of valves which engages with it is made of stainless steel to BS 10088-1.
- Material for the screwed outlet is made of high tensile brass to BS 12163:2011.
- Spindle sealings (two seals) is of the toroidal sealing ring ('O' ring) type and are capable of changing while the valve is under pressure and fully closed.
- A wiper ring is positioned above the spindle sealings to prevent the ingress of foreign matter.
- Each hydrant shot is blasted (inside and outside) to SA 2 ½ std.
- All cast iron parts are thoroughly cleaned and painted.



Model Number	SDHYD058	
Valve Type	Screw down (type 2C)	
Nominal Size & Flange Drilling	Flange-X Flange-Y Flange-Z	PN16, DN80, BS EN 1092-2 PN16, DN80, BS EN 1092-2 PN16, DN80, BS EN 1092-3
Working Pressure	16 Bar maximum	
Test Pressure (Body)	Body	25 Bar
	Seat	20 Bar
Flange Drilling	BS 4504 Part : 2 : 1974 Table : 16/21	



BILL OF MATERIAL

Sl.No.	Description	Material
1	Body	Grey Cast Iron(C.I) to BS 1503-3
2	Body Seating Seal	Rubber to BS 1154
3	Spindle	Stainless steel to BS EN 10088-1
4	Bonnet	Grey Cast Iron(C.I) to EN 1503-3
5	Spindle Cap	Grey Cast Iron to EN 1503-3
6	Spindle (Stem) Seal	Rubber to BS 1154
7	Gland	Grey Cast Iron to EN 1503-3
8	Gland Wiper Ring	Teflon
9	Outlet	High Tensile Brass to BS 12163:2011
10	Outlet Cap	Grey Cast Iron to EN 1503-3
11	Outlet Gasket	Rubber to BS 1154
12	Drain Bolt	Forged Steel