

UNDERGROUND FIRE HYDRANT

GENERAL

"AE" Type 2 screw-down type underground fire hydrant is manufactured within a strict quality controlled environment to ISO 9001 : 2008, conforming to the requirements of BS750 : 2006 standard. Each and every fire hydrant is subjected to a hydraulic test pressure of 326 PSI . The inlet connection of the fire hydrant is 80mm dia BS4504 PN16 flange and the outlet is a single 65mm dia Male LVT or LRT screw.

The opening of the valve seat is by turning the spindle cap anti-clockwise using a hydrant key and bar. The underground hydrant outlet is fitted with a plastic cap, held in place by a short length of galvanised chain.

This outlet is generally connected to a standpipe having a single or double female instantaneous outlets for direct connection to the fire hose coupling.

MATERIAL SPECIFICATION

Body: Spheroidal graphite iron to BS EN 1563:1997
Spindle Cap: Spheroidal graphite iron to BS EN 1563:1997
Spindle: Brass to BS 2874 : 1986, CZ114
Valve Seat: High tensile brass to BS 2874 : 1986 fitted with NBR rubber facing.
Outlet: Gunmetal to BS 1400 : 1985 LG2:

DESIGN AND TEST PRESSURES

Design Pressure: 16 bars
Factory Test Pressure: 22.5 bars

TECHNICAL INFORMATION

Inlet connection: 80mm dia BS4504 PN16 flange.
Outlet connection: 65mm dia Male LVT or BSRT thread.
Bolts & Nuts: All bolts, studs, nuts, etc., are made of high tensile galvanised steel.
Chain: Galvanised steel.



Fig. 295

