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

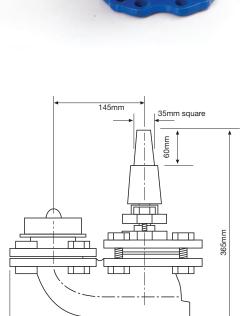
Design Pressure: 16 bars Factory Test Pressure: 22.5 bars

TECHNICAL INFORMATION

Bolts & Nuts:

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

Chain:



200mm

340mm

Fig. 295

* All dimensions shown are in millimetres.