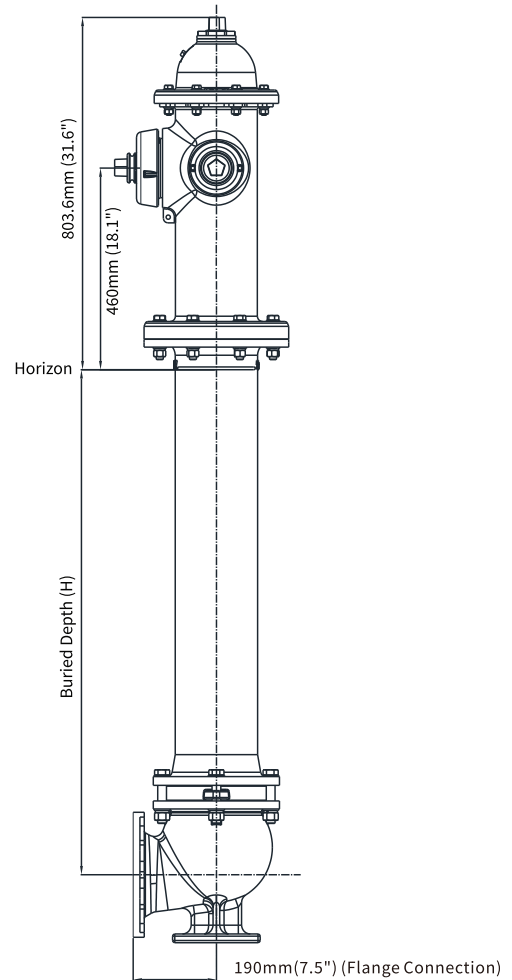




### Schematic Drawing



### Description

Designed with robust ductile iron material of its barrel section, nozzle section, bonnet and base. Be with the reliable safety flange and stainless steel stem coupling, it is convenient for repair if collision occurs and ensure no leakage. Main valve of the hydrant is easily removed from the bonnet flange or ground line flange.

### Features

- Efficient hydraulic design with maximum flow characteristics and performance
- High Pressure Rating in 250psi and 2 times 500psi test pressure
- Standard pumper (4.5") and hose nozzle (2.5") thread. 4" Pumper Connection is optional
- Internal and external fusion bonded epoxy power coating
- Flange and mechanical connection both available
- Multi length options for different bury depth

### Technical Specification

- Design Standard: FM1510/UL246/AWWA C502
- Nozzle Thread Standard: NFPA1963
- Working Pressure: 250psi
- Test Pressure: 500 psi
- End Connection Standard:
  - flange connection in ANSI Class 125/150 | BS EN1092-2 PN10/16 6"
  - mechanical connection in ANSI/AWWA C111/A21.11 6" | ANSI/AWWA C153/A21.53 6"
- Suitable for operation within a temperature range of -10°C to +120°C

### Dimension Detail

| inch | 1'  | 2'  | 3'  | 3'-6" | 4'-0" | 4'-6" | 5'-0" | 5'-6" | 6'-0" | 6'-6" | 7'-0" |
|------|-----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|
| mm   | 326 | 543 | 848 | 1001  | 1153  | 1306  | 1458  | 1611  | 1763  | 1916  | 2068  |

Buried length by default - 4 ft



## Material Specification

| Part                      | Material             | Part                         | Material      |
|---------------------------|----------------------|------------------------------|---------------|
| Operating Nut             | C84400               | Hexagon Head Bolts           | SS304         |
| Dust Ring                 | EPDM                 | Flat Washer                  | SS304         |
| Lock Nut                  | CF8                  | Spring Washer                | SS304         |
| Antifriction Mat          | C63000/PTFE          | Hexagonal Nut                | SS304         |
| Plug                      | SS304                | Drain Valve Cover Seal       | EPDM          |
| Cover                     | 65-45-12             | Pin                          | SS304         |
| Upper Hydrant Body        | 65-45-12             | Cotter Pin                   | SS304         |
| Top Shaft                 | SS420/45             | Upper Fire Hydrant Body Seal | EPDM          |
| Gland                     | SS304                | Hexagon Socket Head Screws   | SS304         |
| Fire Engine Nozzle Cap    | 65-45-12             | Hose Nozzle Cap              | 65-45-12      |
| Fire Engine Nozzle Gasket | EPDM                 | Hose Nozzle Gasket           | EPDM          |
| Fire Engine Nozzle        | C84400               | Hose Nozzle                  | C84400        |
| Steel Wire Rope           | SS304 Plastic coated | Hexagon Socket Set Screws    | SS304         |
| O-Ring                    | EPDM                 | Drain Valve Cap              | C84400+EPDM   |
| Coupling                  | SS420/45             | Spring                       | SS304         |
| Lower Hydrant Body        | 65-45-12             | Seat                         | C84400        |
| Safety Flange             | 65-45-12             | Tablet                       | 65-45-12      |
| Under Shaft               | SS420/45             | Disc Sealing Ring            | EPDM          |
| Drain Valve Cover         | 65-45-12             | Disc                         | 65-45-12      |
| MJ Elbow Body             | 65-45-12             | Nut Press Ring               | 65-45-12+EPDM |