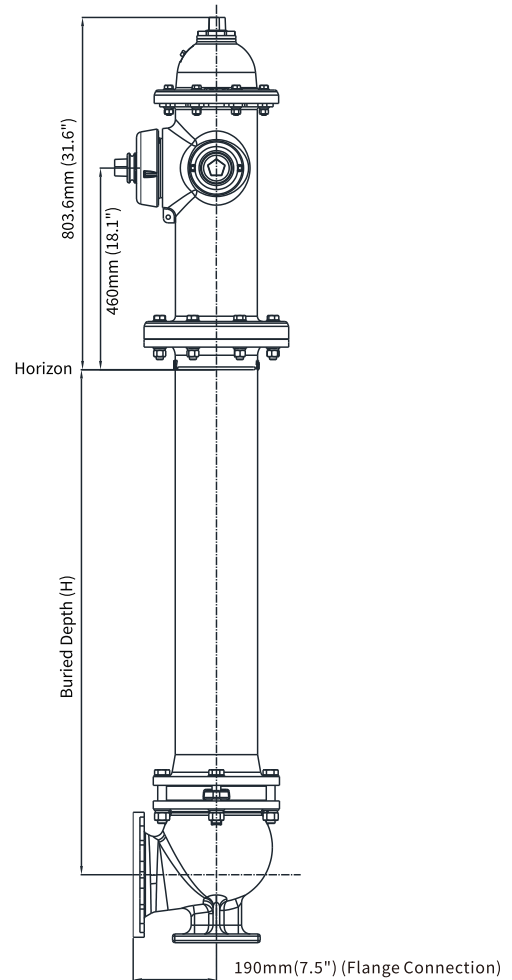


Schematic Drawing



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"

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