

NO FIRE DRY BARREL FIRE HYDRANT



- ▶ Meets all applicable parts of ANSI/AWWA C502 standard
- ▶ UL Listed (EX16453) and FM Approved (FM1510)
- ▶ 250 psig working pressure, 400psi testing pressure as per UL-EX 15971
- ▶ 500 psig working pressure, 500 psi test pressure as per FM1510
- ▶ Secured by the stainless steel safety stem coupling, and hydrant prevent traffic damage by pulling out if hit by a vehicle preventing damage to the main valve and stem
- ▶ Dual bronze drain ways
- ▶ Efficient hydraulic design provides optimum performance and maximum flow
- ▶ Threaded and field replaceable hose nozzles and pumper outlet
- ▶ Ease of operation by anti-friction washer and forced lubrication
- ▶ Easily removable main valve from either the bonnet or grounded line flange
- ▶ 360° nozzle section rotation
- ▶ Field replaceable nozzles secured with external stainless steel lock screw
- ▶ Epoxy lined hydrant shoe and nozzle section

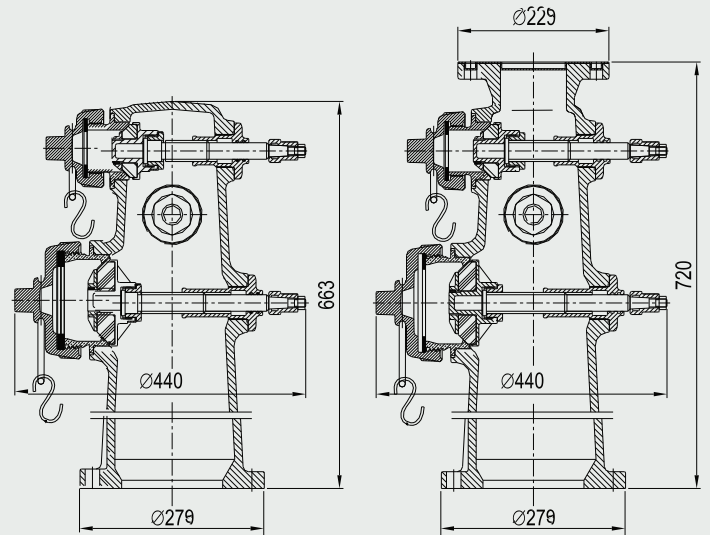


MODEL	LENGTH (mm)	LENGTH (feet)	WEIGHT
NOF (900)	900 mm	3' - 0"	170 kg.
NOF (1050)	1050 mm	3' - 6"	178 kg.
NOF (1200)	1200 mm	4' - 0"	183 kg.
NOF (1350)	1300 mm	4' - 6"	196 kg.
NOF (1500)	1500 mm	5' - 0"	200 kg.
NOF (1650)	1650 mm	5' - 6"	210 kg.
NOF (2050)	2050 mm	6' - 0"	215 kg.

NO FIRE WET BARREL FIRE HYDRANT



Wet Fire Hydrant is used in places where there is no danger of vehicle accidents or freezing atmospheres. It is better to be used in malls, shopping centers, colleges, hospitals, etc



Model: NOF-250-WH (C) Closed Head

Model: NOF-250-WH (F) Flange Head

Manufactured in accordance with AWWA C503 Standard

(1) 4.5" Pumper Nozzle, (2) 2.5" Hose Nozzles
Nozzle Threads to NFPA 1963 Standard

Flange to ANSI B16.1, Class 125 (6"). Other types available upon request

Working Pressure:

250PSI for FM approval & 200PSI for UL listed
Working Temperature: 42°F - 180°F

Corrosion protection:

Interior and exterior is e-coated to a dry film thickness of 0.6 mils minimum, then fusion bonded epoxy powder coated (FBE).

Design and material are subject to change

Part Name	Material	ASTM Spec.
Body	Ductile Iron	A536 65-45-12
Pumper Nozzle Cap	Cast Iron	A126 Class B
Pumper Nozzle	Bronze	B62 C83600
Main Valve	Rubber	NBR
Main Valve Holder	Stainless Steel	AISI 304
Hose Nozzle Cap	Cast Iron	A126 Class B
Hose Nozzle	Bronze	B62 C83600
Stem	Stainless Steel	AISI 304
Stem Nut	Bronze	B62 C83600
Operating Nut	Bronze	B62 C83600
O-ring	Rubber	NBR
Pumper Nozzle Gasket	Rubber	NBR
Hose Nozzle Gasket	Rubber	NBR



BILL OF MATERIALS

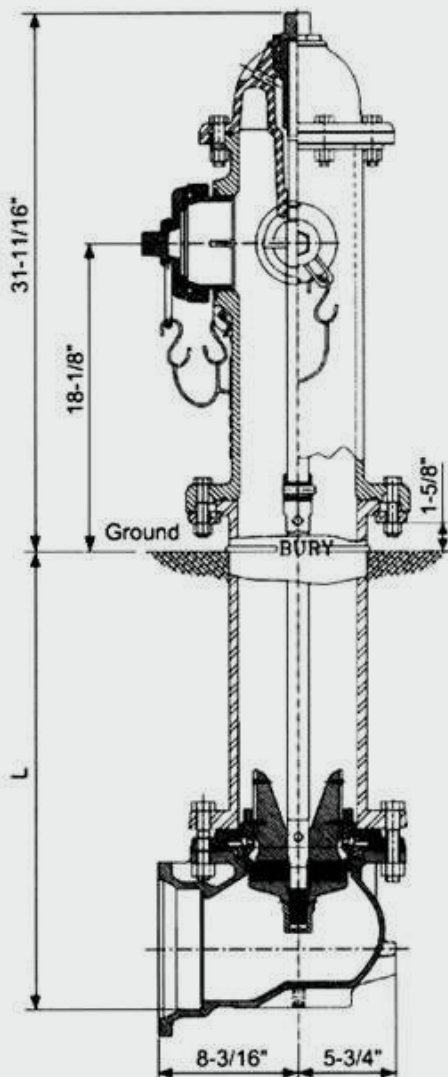
ITEM NO	DESCRIPTION	MATERIAL	ITY
1	BUTTERFLY VALVE WAFER TYPE DUCTILE IRON MODEL : SDBV-WTEC300, SHIELD	DUCTILE IRON	1
2	SLIP-ON FLANGE CLASS 150FF FORGED CARBON STEEL OD 200, PCD 242 & ID 170.6 ASTM A105 WITH 22.2mm B HOLES	FORGED CARBON STEEL ASTM A105	1
3	6 PIPE SCH, 40	SEAMLESS CARBON STEEL A53 GB	1
4	4 PIPE SCH, 40	SEAMLESS CARBON STEEL A53 GB	1
5	4 GATE VALVE BRASS MODEL: SDA157, SHIELD	BRASS	1
6	4- MALE BSRT PUMPER NOZZLE NOZZLE: BRASS WITH CAP AND CHAIN	NOZZLE BRASS CAP CAST IRON	1
7	2X PIPE SCH. 40	SEAMLESS CARBON STEEL A53 GB	2
8	FLANGE FOR LANDING VALVE	FORGED CARBON STEEL ASTM A105	2
9	DN50 OBLIQUE LANDING VALVE, KITEMARK APPROVED MODEL: NDR 038, NAFFCO	COPPER ALLOY	2
10	6" END CAP, SCH. 40	SEAMLESS CARBON STEEL A53 GB	1
	NUTS, BOLTS & WASHERS	GALVANISED	
	GASKETS	EPDM	

NO FIRE DRY PILLAR FIRE HYDRANT



CONSTRUCTION:

- ▶ Seating type is resilient material to bronze seat construction
- ▶ One pumper nozzle, 4.5-4NH thread, Two hose nozzle, 2.5-7.5NH thread, Other size thread also available
- ▶ 6" Mechanical Joint designed to ANSI/AWWA C153/A21.53.



MATERIALS LIST		
PART NAME	MATERIAL	ASTM SPEC.
Operating Nut	Bronze	ASTM B62
Hold Down Nut	Bronze	ASTM B62
O-Ring	Rubber	ASTM D2000
Oil Fill Plug	Brass	ASTM B16
Bonnet	Cast Iron	A126 Class B
Bonnet Bolt & Nut	Stainless Steel	AISI 201
Upper Rod	Carbon Steel	AISI 1045
Pumper Nozzle	Bronze	ASTM B62
Pumper Nozzle Gasket	Rubber	ASTM D2000
Pumper Nozzle Cap	Cast Iron	A126 Class B
Hose Nozzle	Bronze	ASTM B62
Hoze Nozzle Gasket	Rubber	ASTM D2000
Hose Nozzle Cap	Cast Iron	A126 Class B
Cap Chain	Carbon Steel	Plated
Standpipe Upper	Cast Iron	A126 Class B
Safety Coupling	Stainless Steel	A890
Safety Flange Bolt & Nut	Stainless Steel	AISI 201
Safety Flange	Cast Iron	A126 Class B
Lower Rod	Carbon Steel	AISI 1045
Standpipe Lower	Cast iron	A126 Class B
Stem Pin	Stainless Steel	A276
Drain Ring Housing	Ductile Iron	A536 65-45-12
Drain Ring	Bronze	ASTM B62
Seat Ring	Bronze	ASTM B62
Bottom Valve Plate	Ductile Iron	A536 65-45-12
Disc Ring	Rubber	ASTM 2000
Bottom Plate Nut	Ductile Iron	A536 65-45-12
Elbow	Ductile Iron	A536 65-45-12

Front View Detail of **Mechanical Joint**

Note: Mechanical Joint is Available upon request; Standard is ANSI Flange

