

FIRE HYDRANTS

TECHNICAL PASSPORT

DRY BARREL FIRE HYDRANT

PI4241A

APPLICATION

The dry barrel fire hydrant is designed to provide a reliable water outlet for firefighting operations.

Its dry-barrel construction keeps the water supply isolated below ground level, ensuring freeze protection in cold climates.

Domaines d'utilisation : Municipal fire-protection networks, industrial fire-protection systems, outdoor installations exposed to freezing conditions, networks requiring FM/UL/AWWA compliance



Fluids : clean or slightly charged water.

GENERAL CARACTÉRISTICS

Dry barrel design preventing freezing.

Compliant with FM 1510 / UL 246 / AWWA C502.

Outlet threads conform to NFPA 1963.

Two 2-1/2» hose nozzles + one 4» or 4-1/2» pumper nozzle.

Bottom connection: 6» Mechanical Joint ANSI/AWWA C153/A21.53 or 6» Flanged ANSI Class 125 / EN 1092-2 PN16.

Working pressure: 250 PSI (\approx 17.2 bar).

Available bury depths: 912 to 1522 mm.

Breakaway safety flange for impact protection.

Automatic barrel drainage after closing.

High-strength ductile iron body.



The photographs and technical art works are not contractual. The specifications of the presented products are open to modifications without previous advice.

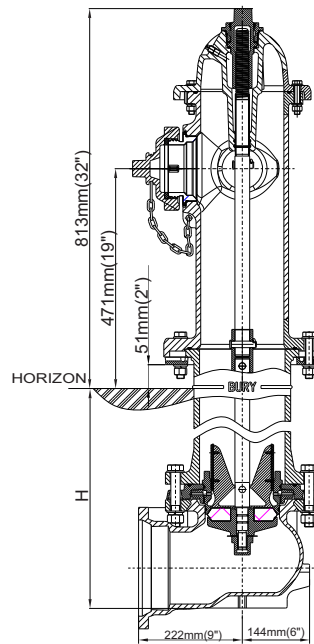
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CONSTRUCTION

PI4241A



Part Name	Material
Operating Nut	Bronze C84400
Lock Nut	A351 CF8
Antifriction Plate	Bronze C63000
Bonnet	Ductile Iron A536 65-45-12
Top Shaft	AISI 420
Pumper Nozzle Cap	Ductile Iron A536 65-45-12
Pumper Nozzle Gasket	EPDM
Pumper Nozzle	Bronze C84400
Chain	Carbon Steel + Zinc
O-Rings	EPDM
Coupling	AISI 420
Safety Flange	A126B
Lower Shaft	SS420
MJ Elbow Body	Ductile Iron A536 65-45-12
Hexagon Head Bolts	AISI 304
Hexagonal Nuts	AISI 304
Pins	AISI 304
Cotter Pins	AISI 304
Hose Nozzle Caps	Ductile Iron A536 65-45-12
Hose Nozzle Gaskets	EPDM
Hose Nozzles	Bronze C84400
Drain Sealing Strip	PE
Countersunk Head Screws	AISI 304
Disc	Bronze C84400
Seat	Bronze C84400
Drainage Ring	Bronze C84400

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