

WetBarrel Fire Hydrant

Type: SSZ2

Doc No:DS-901-SSZ2-01-E-X

1.0 PRODUCT OVERVIEW

Wet Barrel Fire Hydrants are water supply facilities installed outside buildings, mainly for fire trucks to take water from the municipal water supply network or outdoor fire water supply network for extinguishing fires. They can also be directly connected to water belts or water guns to extinguish fires, with a suitable temperature of 0 °C -80 °C.



Dimensions:

6" (DN150)

Design Standard:

AWWA C503、FM 1511、UL 246

Connection Standard:

ANSI/ASME B16.42 CLASS150

Working Pressure:

300PSI、250PSI、200PSI、175PSI

Application:

Wet fire hydrants are mainly used in the field of fire protection, with a working temperature range of 0 °C -80 °C

Sign Off:

Owner: _____ Contractor: _____ Engineer: _____
Location: _____ Date: _____ Approved & Date: _____

Material & Standard of Mating Products:

Flange connection: ANSI/ASME B16.42 Class 150

Water outlet: threaded in accordance with NFPA 1963 Standard for Fire Hose Connections or BS 336 Specification for fire hose couplings and ancillary equipment

Surface Treatment:

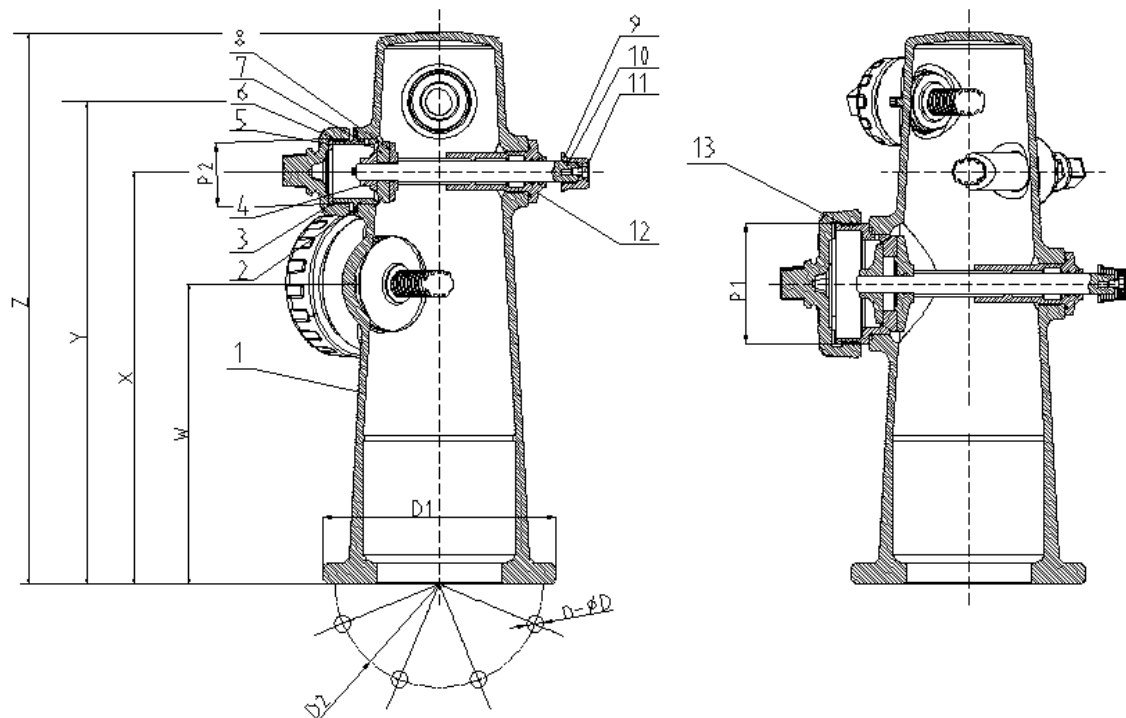
- ☐ Epoxy spray (optional color codes such as RAL1021, etc.)
- ☐ Paint (optional color code such as RAL1021, etc.)
- ☐ Other surfaces can be provided according to customer requirements

2.0 Certificate



3.0 Specification

Product Sketch:



No.	Part	Standard Specification	Options
1	Valve Body	ASTM A536,65-45-12	

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2	O-Ring	NBR	EPDM
3	2.5" Nozzle Cap	ASTM A536,65-45-12	
4	2.5"Disc Gland	C83600	
5	2.5"Nozzle Gasket	EPDM	
6	2.5"Hose Outlet	C83600	
7	2.5"Rubber Coated Valve Disc	Q235+NBR	Q235+EPDM
8	2.5"Disc Bushing	C83600	
9	Stem Cap	ASTM A536,65-45-12	
10	2.5"Stem	C83600	AISI 304
11	Hexagon socket bolt	Carbon steel galvanized	AISI 304
12	Tailstock	C83600	
13	4 " Pump Outlet	C83600	

In addition, P1 can provide 4 "and 5" threaded water outlets according to the BS 336

4.0 Dimension& Performance

4.1 Dimension

DN		Dimensions (mm)							
Inch	mm	D1	D2	n- ϕ D	X	Y	Z	P1	P2
6	DN150	280	241.3	8- ϕ 22	496	580	663	1-4-4NH 1-4.5-4NH 1-5-4NH	2-2.5-7.5NH

4.2 Strength & Lifespan

Sealing Test: 600PSI;

Shell Test: 600PSI;

5.0 Reference

Certificate ofWet Barrel Fire Hydrant

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Location:_____ Date:_____ Approved& Date: _____