



SAUDI PIPE SYSTEMS CO.

SPS FIRE HYDRANT MODEL SPS FH-UL



CHARACTERISTICS:

SPS Fire Hydrant – UL listed.

The FH-UL dry-barrel Fire Hydrant is in the compliance with ANSI / AWWA C-502 standard.

Its unique patent design allows easy operation.

An intentional section of weakness (breakable coupling flange) is set just above the ground line, to protect the hydrant from major damage due to impact from vehicles.

The Hydrant is internally and externally epoxy painted to protect it from corrosion. The red color is RAL3000.

Main Features:

Outlets: 2 x 2 ½ " hose nozzles

1 x 4 ½ " pumper nozzle.

Inlet connection: 6" – flange inlet 6" – mechanical joint inlet.

Working temperature: from 0.6°C (33°F) up to 52 c (125.6°F).

Rated working pressure: 250 psi .

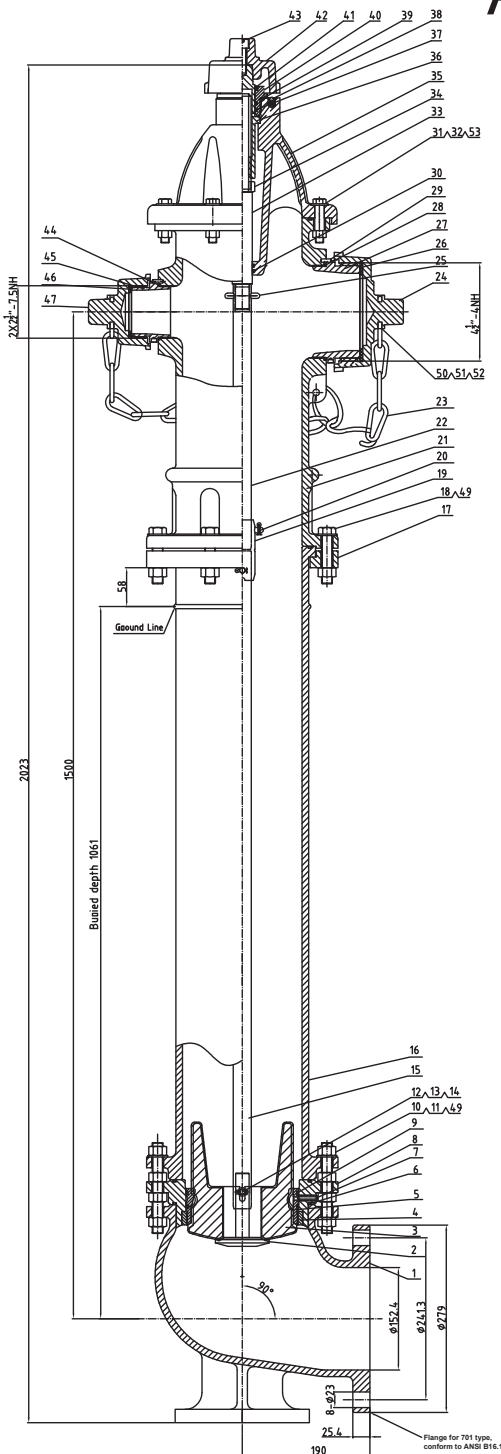
Opening: counterclockwise direction

Design Mechanical Data, Dimension , Materials and weight are subject to change without notice

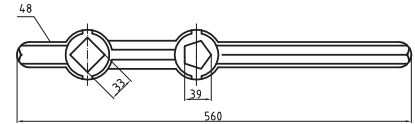


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SPS FIRE HYDRANT MODEL SPS AS NFPA 194



1	Hydrant Body	ASTM A536 65-45-12
2	Drain Stem	SS304
3	Wedge	ASTM A536 65 - 45 - 12 + ASTM D2000
4	Seal-ring	ASTM B584
5	Hydrant Seat	ASTM B584
6	O-Ring	ASTM D2000
7	Screwed Plug	ASTM B584
8	Main Valve Flange	ASTM A536 65 - 45 - 12
9	O-Ring	ASTM D2000
10	Stud Bolts	ASTM A307
11	Nuts	ASTM A307
12	Pin Axes	SS304
13	Pin	SS304
14	Washer	SS304
15	Lower Stem	ASTM A29M 1020
16	Barrel	ASTM A536 65 - 45 - 12
17	Breakable Flange	ASTM A126-B
18	Bolts	ASTM A307
19	Coupling	ASTM A536 65-45-12
20	Pin Axes	SS304
21	Drainpipe	ASTM A536 65-45-12
22	Up Stem	ASTM A29M 1020
23	Link	STEEL Zinc Plated
24	Big Nozzle Cap	ASTM A536 65-45-12
25	Pin Axes	SS304
26	Big Sealed Gasket	ASTM D2000
27	Big Outlet	ASTM B584
28	O-Ring	ASTM D2000
29	Pin	SS304
30	O-Ring	ASTM D2000
31	Bolts	ASTM A307
32	Nuts	ASTM A307
33	Stem	SS304
34	Stop Nut	45# ASTM A29M 1045
35	Hydrant Bonnet	ASTM A536 65-45-12
36	Stem Nut	ASTM B584
37	O-Ring	ASTM D2000
38		
39	O-Ring	ASTM D2000
40	Bush	ASTM B584
41	Dustproof Ring	ASTM D2000
42	Operating Cap	ASTM A536 65-45-12
43	Socket Head Bolt	ASTM A307
44	O-Ring	D2000
45	Small Outlet	ASTM B584
46	Small Sealed Gasket	D2000
47	Small Nozzle Cap	ASTM A536 65-45-12
48	Wrench	ASTM A536 65-45-12
49	Gasket	ASTM A307
50	Screw	SS304
51	Nuts	SS304
52	Gasket	SS304
53	Gasket	ASTM A307



Notes:

- The Diameter of a waterway through a connection and a valve Shell be a nominal size or a specified size +0.01 inch (0.3mm).
- General Tolerance as JB285-80 IT8
- The rate pressure is 250PSI;
- The Nominal Size of Connection is accord with NFPA 1963;
- All the dimensions are given in mm
- Surface Painting:
Thickness: Greater than 250 μ m
Color : RAL 3000
- Rubber: ASTM D2000 (EPDM)
Dupont 4570.
- Flange for 701 type, conform to ANSI A21.11 .
- The design standart conforms to AWWA C 502; and its had passed the UL/FM approval:
UL246/FM1510.4