

DESCRIPTION

M&H POST TYPE HYDRANT

- ◆ Style 33
- ◆ Style 133
- ◆ Style 233

Post type hydrants are special purpose hydrants for use where fire fighting is not the primary function. They are smaller in size than standard AWWA hydrants and are furnished with main valve opening diameter of 2-1/4". They are most often used for wash down service at treatment plants. Other uses may be in water systems to flush, bleed air, or fill tank trucks in non-emergency service. Although the 2 1/4" post type model is not recognized by AWWA C502 standards for dry barrel fire hydrants, they are nonetheless manufactured to the same strict quality of materials and workmanship as full size M&H hydrants. Rated working pressure is 150 psi and each hydrant is hydrostatically tested to 300 psi.

Available options for hose nozzles configurations:

- Style 33 Post hydrant has 1-2 1/2" hose nozzle
- *Style 133 Post hydrant has 1-1 1/2" hose nozzle
- *Style 233 Post hydrant has 2-1 1/2" hose nozzles

*Note: Consult factory for availability of custom hose nozzle sizes.

Available options for shoe inlet connections:

- 2" or 3" Mechanical Joint
- 2" Screwed joint

SUGGESTED SPECIFICATIONS (1 of 2)

M&H 2 1/4" POST TYPE HYDRANT

- ◆ Style 33
- ◆ Style 133
- ◆ Style 233

GENERAL

Post Type Hydrants shall comply, where applicable, with AWWA Standard C-502, latest revision. Post Hydrants shall be of the compression type, with the main valve opening against the pressure and closing with the pressure. The main valve opening shall be 2 1/4" diameter. Post Hydrants shall be of a dry barrel design.

RATING

Post Hydrants shall be rated at 150 psi water working pressure, tested at 300 pounds hydrostatic for structural soundness in the following manner; 300 pound hydrostatic test supplied from the inlet side, first with the main valve open for the testing of the drain valves and hydrant barrel.

END

CONFIGURATION

Hydrants shall be connected to the main by a ((specify One) 2", 3") mechanical joint or screwed end shoe. Mechanical joint shoes shall be fitted with strapping lugs.

DESIGN

Hydrants shall be constructed of ASTM A-126. The main valve facing of the hydrant shall be made of rubber.

The bottom stem treads of the main valve rods shall be fitted with a bronze acorn nut, or suitable means, for sealing the threads away from the water.

Hose nozzles shall be threaded and screwed into the nozzle section and then mechanically locked to prevent turning.

Hose cap(s) shall be individually chained to the hydrant.

The hydrant shall be so designed that when it is in place, no excavation will be required to remove the main valve assembly.

The operating threads of the hydrant shall be so designed as to avoid the working of any iron or steel parts against either iron or steel. The operating stem and operating nut threads shall be square or acme type.

Bonnet shall be weather proof, free draining, and of a type that will maintain the operating mechanism in readiness for use under freezing conditions.

The operating nut shall be provided with a convenient means to afford lubrication to insure ease of operating and the prevention of wear and corrosion. Hydrants shall be of dry barrel type. Hydrant shoe shall have two positive acting non-corrodible drain valves that shall drain the hydrant completely by opening when the main valve is closed, and also to close tightly when the main valve is open.

All like parts of hydrants of the same size and model produced by the same manufacturer shall be interchangeable.

Hydrants shall open by turning to the (specify one (left or right)).