

Fog / Jet Monitor - Hydraulic FJM-H

Datasheet 1011/174

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(replaces datasheets 1011/131-132)

General description

A powerful fire extinguishing monitor with exceptionally good performance characteristics. The FJM has a variable stream pattern and throw range which can easily be adjusted to meet different site requirements.

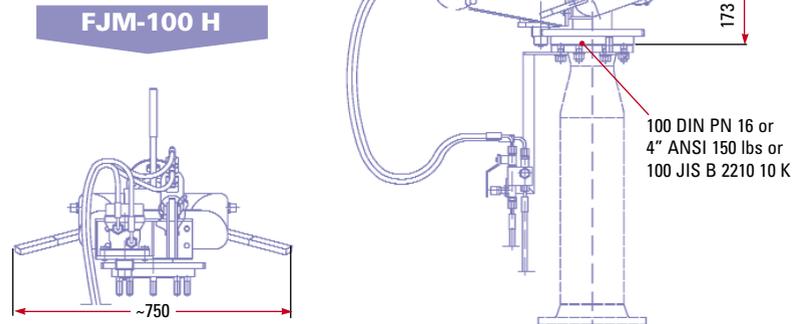
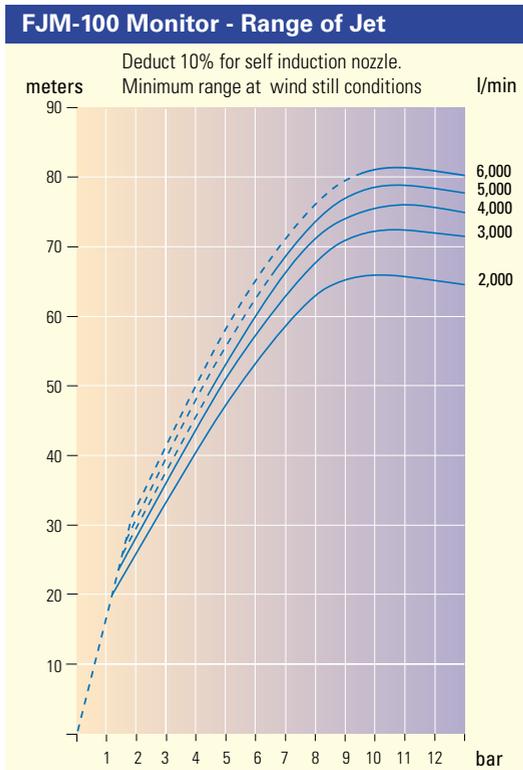
Remotely managed hydraulic elevation and rotation control, the FJM-H range has manual and remotely operated fog/jet pattern controls, with a hydraulic power pack designed to customer requirements.

Application description

Intended for fixed mounting, the monitor is designed for an optimised delivery of water or foam from a solid jet to a fog pattern by remote control.

Product features

- Hydraulic remote control
- Adjustable stream pattern and throw range
- Manufactured in bronze and stainless steel
- High quality and reliability
- Built in manual override
- Compact, balanced design for better performance
- Low friction bearing design for easy operation



Performance Data

FJM-H Hydraulic

	100	150
Size	100	150
Water capacity at 10 bar	6,000 l/min	11,700 l/min
Design pressure	16 bar	16 bar
Oil pressure	60 ± 10 bar	60 ± 10 bar
Oil flow	Approx. 2 l/min	
Rotation velocity	Approx. 1 r/min	
Rotation	± 165°	± 165°
Elevation	-45° to +60°	-45° to +60°
Weight	60 kgs / lbs	80 kgs / lbs

Note: The nozzle can be easily adjusted on site for any specified capacity and pressure within its working range, according to separate adjustment table.

1 bar = 0,1 MPa = 14,5 psi

$$\text{Reaction force (N)} = 0.233 \times Q (\text{l/min}) \times \sqrt{p (\text{bar})}$$



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Connections

- Foam/water inlet: flanged according to DIN PN16 or ANSI 150lbs

Optional components

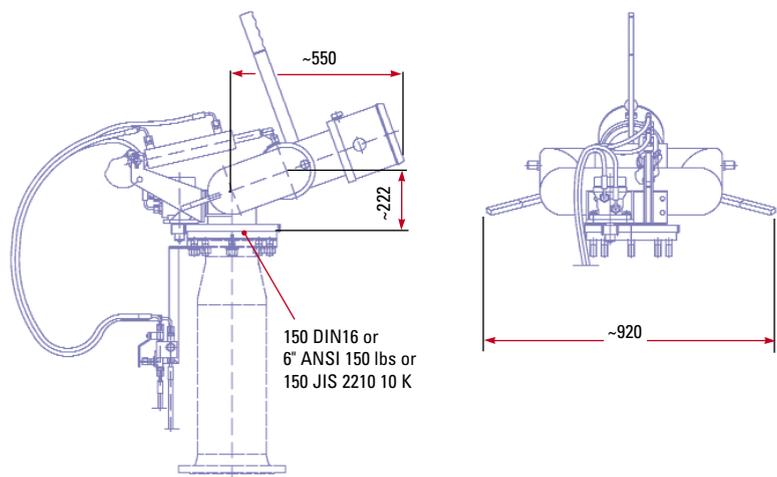
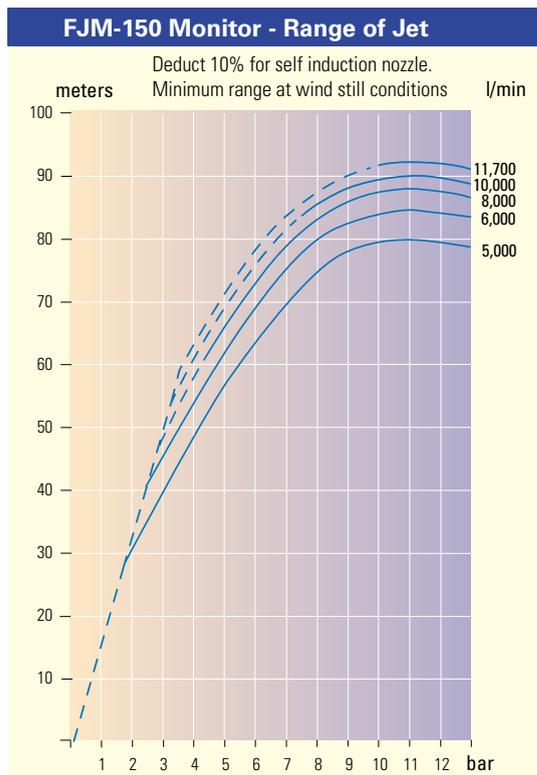
- Control system including hydraulic pack and operating panels, custom solutions available on request
- Built-in foam induction for all models
- Optional suction hoses and valves

Listings and approvals

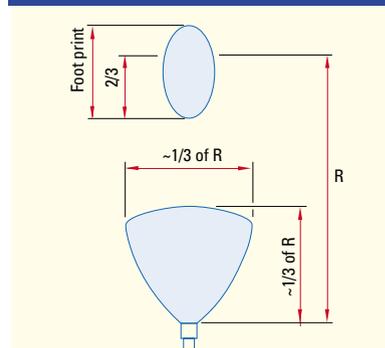
- Det Norske Veritas (DNV)
- Bureau Veritas (BV)



FJM-150 H



FJM Monitors - Average Fog Pattern (in still air)



$$\text{Reaction force (N)} = 0.233 \times Q \text{ (l/min)} \times \sqrt{p \text{ (bar)}}$$



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