

Fog/Jet Monitor - Electric FJM-EL

Datasheet 1011/170

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(replaces datasheets: 1011/139/140/141 and 1011/124/130)

General description

Powerful fire extinguishing monitor with exceptionally good flow characteristics. Remote control operation. Electric motor driven elevation and rotation movement and solenoid valve operated fog/jet pattern adjustment.

Application description

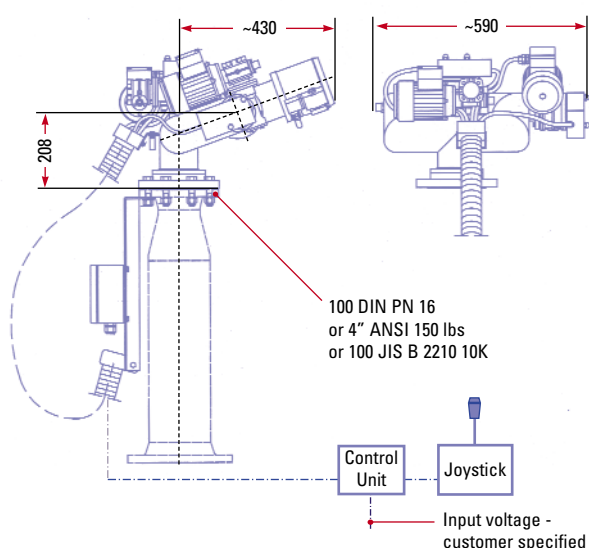
Intended for fixed mounting, it is designed for an optimised delivery of water or foam from a solid jet to a fog pattern by remote control.

Product features

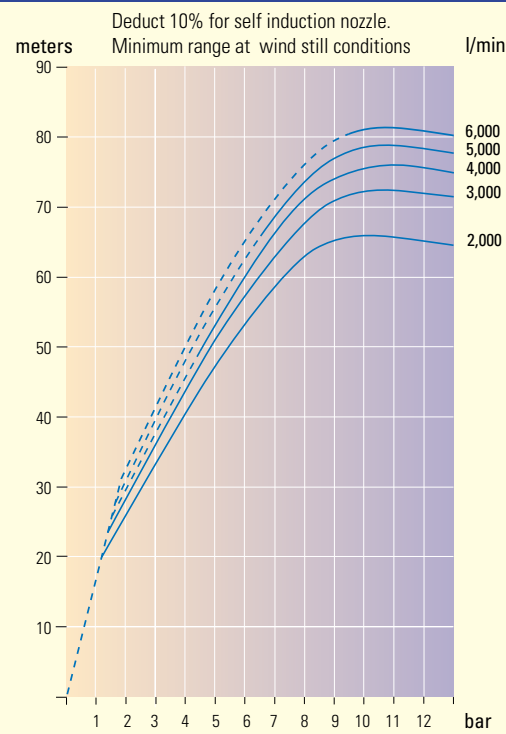
- Wide capacity range
- Adjustable flow to nominal capacity
- Compact, balanced design
- Easily manoeuvred due to low friction bearings
- Long throw length
- Manufactured from stainless steel and bronze
- Adjustable stream pattern
- Corrosion resistant construction
- Integrated electrical junction box
- Available with EEx (e) and (de) electrical equipment, according to ATEX guidelines



FJM-100 EL



FJM-100 Monitor - Range of Jet



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



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Connections

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

Optional components

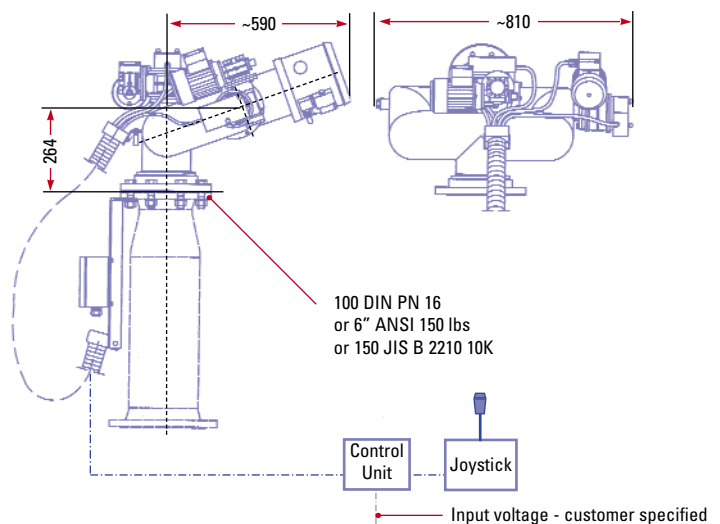
- Control and operating panel, custom built solutions on request
- Built-in inductor optional on all models
- Optional suction hose and valve

Listings or approvals

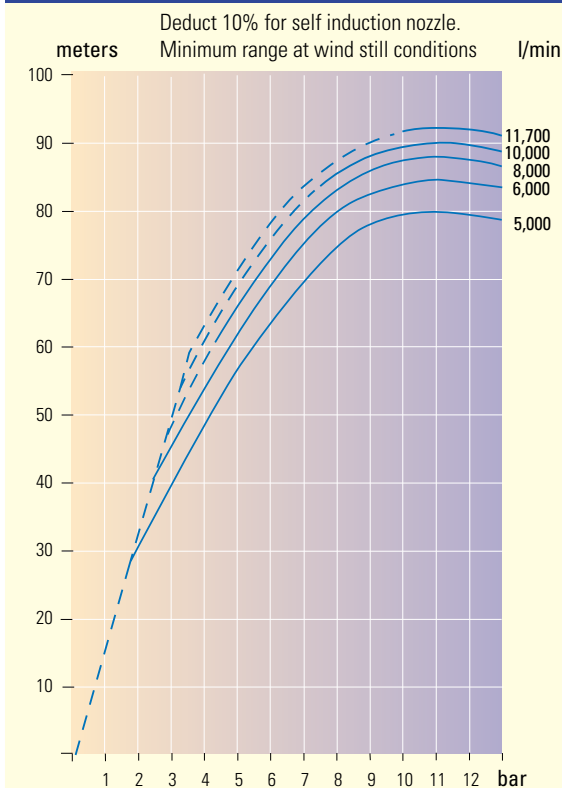
- Det Norske Veritas (DNV)
- Lloyd's
- EN1365-2 (approved by CNBOP, FJM-100EL)



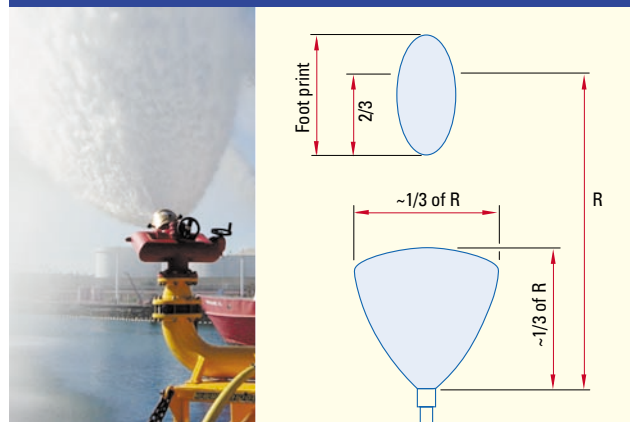
FJM-150 EL



FJM-150 Monitor - Range of Jet



FJM Monitors - Average Fog Pattern (in still air)



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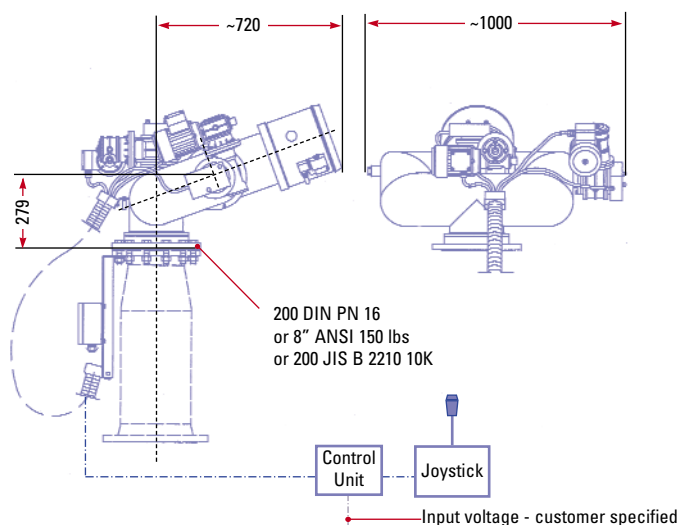
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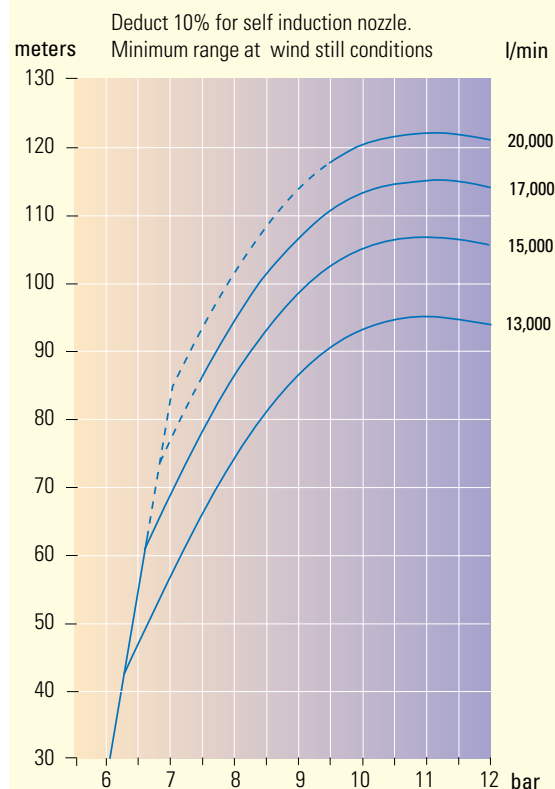
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FJM-200 EL



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

FJM-200 Monitor - Range of Jet



Technical Data

FJM Series - Standard

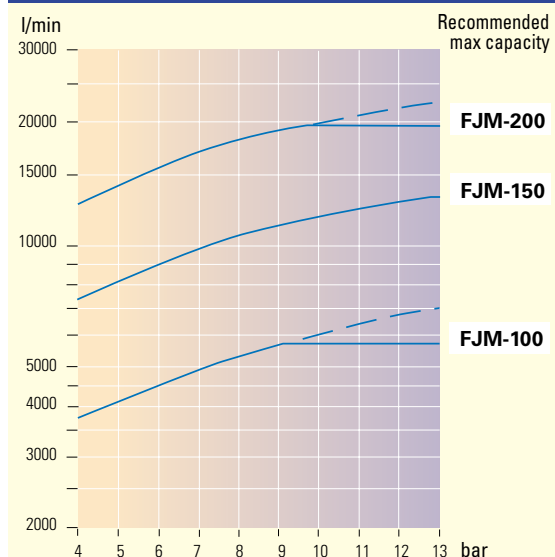
Size	100	150	200
Water capacity	6,000 l/min	11,700 l/min	20,000 l/min
Design pressure	16 bar	16 bar	13 bar
Rotation	±165°	±165°	±165°
Elevation	-70°/+70°	-70°/+70°	-60°/+70°
Weight	52kg / 115 lbs	80kg / 176 lbs	125kg / 276 lbs

Technical Data

FJM-S Series - Built-in inductor

Size	100	150	200
Water capacity	6,000 l/min	11,700 l/min	20,000 l/min
Foam capacity max.	320 l/min	600 l/min	600 l/min
Elevation	-45° / +70°	-45° / +70°	-45° / +70°
Suction connection	2" BSP male	2" BSP male	2" BSP male
Weight	55 kg / 121 lbs	83 kg / 182 lbs	128 kg / 282 lbs

FJM Monitors - Capacity Ranges



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