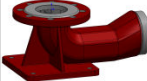


## ■ DATA SHEET MONITORS M2 – M7 WITH MULTI-PURPOSE NOZZLE (MPN).

### ■ 1. GENERAL TECHNICAL DATA.

Type series	M2	M3	M4	M5	M7	M7
Max. water flow rate	2500 l/min	4000 l/min	8000 l/min	12 000 l/min	20 000 l/min	24 000 l/min
Connecting flange (optionally)	DN65 PN16 DN80 PN16	DN80 PN16 DN100 PN16	DN100 PN16 DN150 PN16	DN150 PN16 DN200 PN16	DN200 PN16	DN200 PN16
	ASME B 16.5 150 lbs. 2 ½"	ASME B 16.5 150 lbs. 3"	ASME B 16.5 150 lbs. 4"	ASME B 16.5 150 lbs. 6"	ASME B 16.5 150 lbs. 8"	ASME B 16.5 150 lbs. 8"
Elbow (optionally) 	G4" Male thread	G4" Male thread	G5" Male thread	G5" Male thread	-	-
Max. op. pressure	16 bar					



Valid for selected product types.  
See separate data sheet.



[www.firedos.com](http://www.firedos.com)

## ■ 2. SPECIFIC TECHNICAL DATA.

### Hand lever version:

Hand lever	<b>M2-L</b>	<b>M3-L</b>	<b>M4-L</b>
Corresponding nozzle	MPN2	MPN4	MPN8
Swivelling range	Horizontally 360° / vertically up to +90°		
Operating temperature	-40 °C up to +80 °C		

### Hand wheel version:

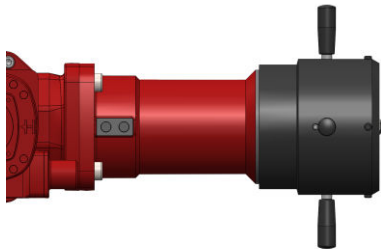
Hand wheels	<b>M2-MO</b>	<b>M3-MO</b>	<b>M4-MO</b>	<b>M5-MO</b>	<b>M7-MO</b>	<b>M7-MO</b>
Corresponding nozzle	MPN2	MPN4	MPN8	MPN12	MPN20	MPN24
Swivelling range	Horizontally 360° / vertically up to +90°					
Operating temperature	-40 °C up to +80 °C					

Also available as ATEX version with the following designation: Ex II 2G IIB c T4 / II 2D IIB c T<130°C.

## 3. MULTI-PURPOSE NOZZLE (MPN).

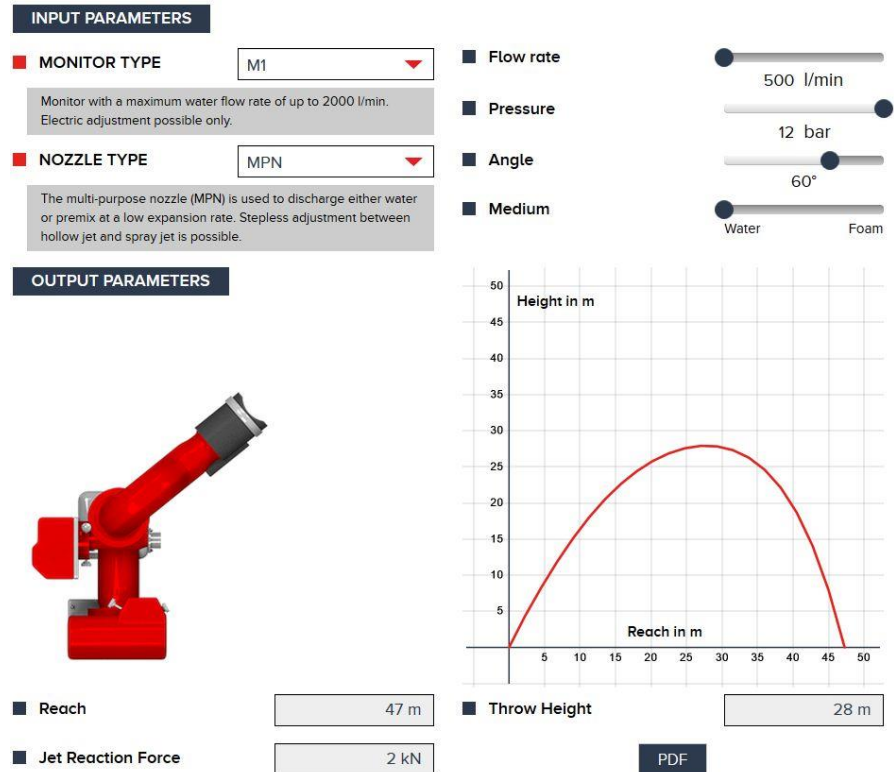
The multi-purpose nozzle ("Multi Purpose Nozzle" = MPN) is used for the discharge of water or premix at a low foam expansion rate. The manual stepless adjustment between hollow jet and spray jet is possible also during operation. The maximum spray angle is 100°.

The nozzle is factory-set to a fixed extinguishing agent flow rate in accordance with the available system pressure. If requested, this setting can be adjusted later on.

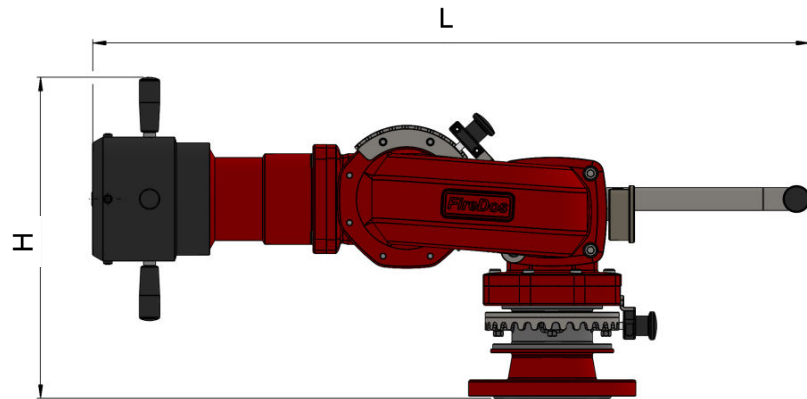


## 4. REACH AND REACTION FORCE.

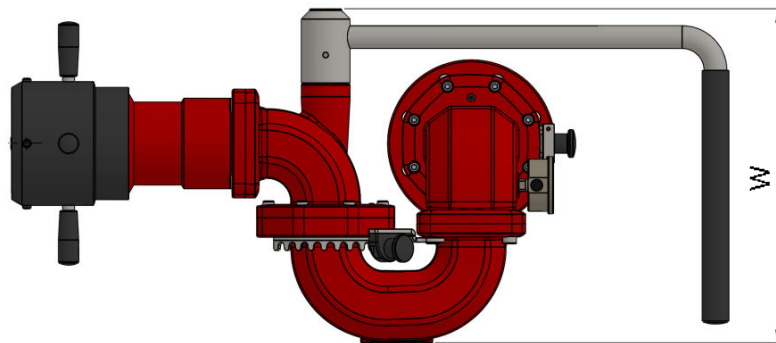
Using the app at [www.firedos.com/monitorapp](http://www.firedos.com/monitorapp), you can determine the reach curve and the reaction forces depending on your operating conditions.



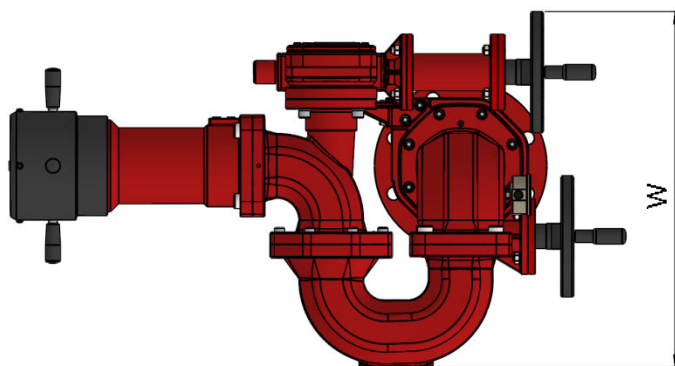
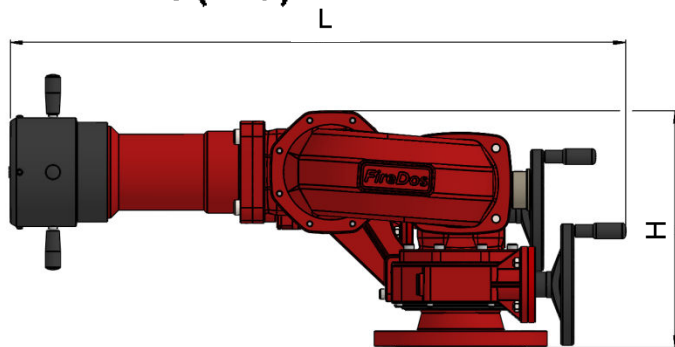
## ■ 5. DIMENSIONS FOR VERSION WITH HAND LEVER (-L).



	Length L	Width W	Height H	Weight
<b>M2-L / MPN2</b>	725 mm	380 mm	335 mm	18 kg
<b>M3-L / MPN4</b>	860 mm	400 mm	385 mm	30 kg
<b>M4-L / MPN8</b>	1320 mm	590 mm	390 mm	56 kg



## ■ 6. DIMENSIONS FOR VERSION WITH HAND WHEELS (-MO)



	Length L	Width W	Height H	Weight
<b>M2-MO / MPN2</b>	695 mm	385 mm	340 mm	22 kg
<b>M3-MO / MPN4</b>	780 mm	440 mm	385 mm	35 kg
<b>M4-MO / MPN8</b>	1020 mm	590 mm	390 mm	62 kg
<b>M5-MO / MPN12</b>	1240 mm	700 mm	580 mm	92 kg
<b>M7-MO / MPN20</b>	1590 mm	890 mm	645 mm	150 kg
<b>M7-MO / MPN24</b>	1690 mm	890 mm	645 mm	160 kg

## ■ 7. MATERIALS.

- Cast aluminium AISi7Mg 0.3 with HC and powder coating
- AlMgSi1 with HC and powder coating
- Stainless steel V2A and V4A
- NBR
- Powder coating Red (RAL 3020) as a standard

## ■ 8. MANUFACTURER.

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We reserve the right to make modifications at any time.  
All figures are approximate and subject to the particular version/equipment.