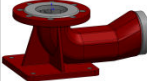


■ DATA SHEET MONITORS M2 – M7

REMOTE-CONTROLLED, WITH ALTERNATING CURRENT DRIVES
AND 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"
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"			
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.



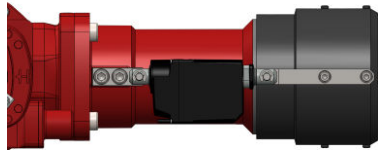
■ 2. SPECIFIC TECHNICAL DATA.

Alternating current drives of pivot mounting:	M2-AC	M3-AC	M4-AC	M5-AC	M7-AC	M7-AC
Swivelling range	Horizontal 360° / vertical up to +90°					
Swivelling speed (H – Horizontal, V- Vertical)	H 8°/s // V 3°/s	H 9°/s // V 8°/s	H 6°/s // V 6°/s	H 6°/s // V 2°/s	H 6°/s // V 2°/s	H 6°/s // V 2°/s
Operating voltage	100 – 240 V AC 1-phase 50 / 60 Hz					
Current consumption per drive	2.5 A	2.5 A	2.5 A	2.5 A	2.5 A	2.5 A
Protection class	IP 67					
Operating temperature	-25° C to +80° C					
Position indication	End switch					
Corresponding nozzle, direct current:	MPN2-DC	MPN4-DC	MPN8-DC	MPN12-DC	MPN20-DC	MPN24-DC
Operating voltage	24 V DC					
Current consumption	2 A	2 A	2 A	2 A	2 A	2 A
Protection class	IP 66					

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, you can determine the reach curve and the reaction forces depending on your operating conditions.

INPUT PARAMETERS

MONITOR TYPE

Monitor with a maximum water flow rate of up to 2000 l/min. Electric adjustment possible only.

NOZZLE TYPE

The multi-purpose nozzle (MPN) is used to discharge either water or premix at a low expansion rate. Stepless adjustment between hollow jet and spray jet is possible.

Flow rate

Pressure

Angle

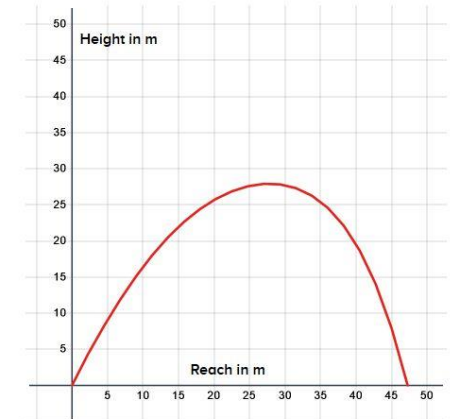
Medium

OUTPUT PARAMETERS



Reach

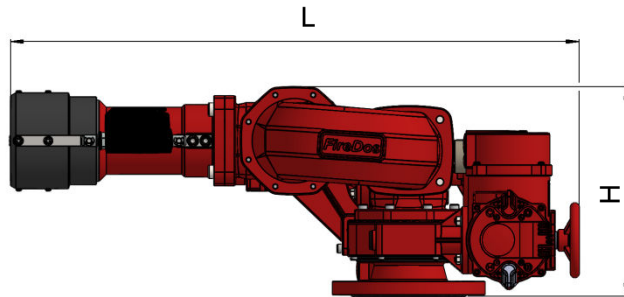
Jet Reaction Force



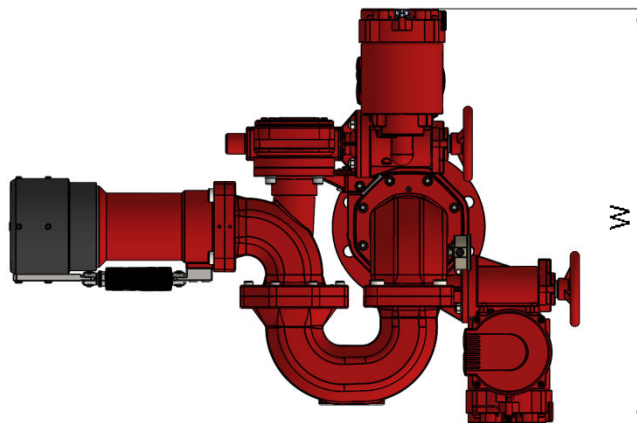
Throw Height

PDF

■ 5. DIMENSIONS.



	Length L	Width W	Height H	Weight
M2-AC / MPN2-DC	775 mm	565 mm	430 mm	45 kg
M3-AC / MPN4-DC	865 mm	725 mm	395 mm	56 kg
M4-AC / MPN8-DC	1065 mm	775 mm	395 mm	110 kg
M5-AC / MPN12-DC	1280 mm	825 mm	500 mm	140 kg
M7-AC / MPN20-DC	1650 mm	825 mm	630 mm	210 kg
M7-AC / MPN24-DC	1750 mm	825 mm	630 mm	220 kg



■ 6. MATERIALS.

- Cast aluminium AlSi7Mg 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

■ 7. SPECIAL EQUIPMENT OPTIONS.

- Controls
- Swivelling unit to move between work and rest position

■ 8. MANUFACTURER.

FireDos GmbH, Auf der Kaulbahn 6, 61200 Woelfersheim, Germany
Phone +49 (0) 6036 9796-0, Email: info@firedos.de

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