r. pons
WWW.RPONS.FR

TECHNICAL DATA SHEET

509903.82 - n° 41/160501A (A)

TURBOMAD - 3000 l/min nozzle at 8 bar with adjustable flow rate and jet, incorporate suction device for foam compound (0,5% - 1%)

DESCRIPTION

The **TURBOMAD 3000** nozzle is aimed to equip the outlet of the monitors for water or foam use.
Composed with the following elements :

- A female inlet coupling, G 2 ½ (**NF E 03.005**), with swivelling nut on ball bearing, for connection at the outlet of the monitor.
- A hand wheel to select the different flow rate from 1000 l/min to 3000 l/min. Adjustment with lock every 500 l/mn.
- A flush position distinguishable by its position distant from the flow rate positions.
- A knurl to regulate the dosage of the foam compound suction in accordance with the flow rate and the type of foam compound used : OFF, 0,5%, 1%.
- An anti-recoil ball device.
- A semi-rigid suction transparent hose, 4 meter long, equipped with a coupler ND 1"1/4 at the end and with a suction pipe at the other end.
- A jet selector, adjustable from the straight jet position to the diffusion of protection (110°).

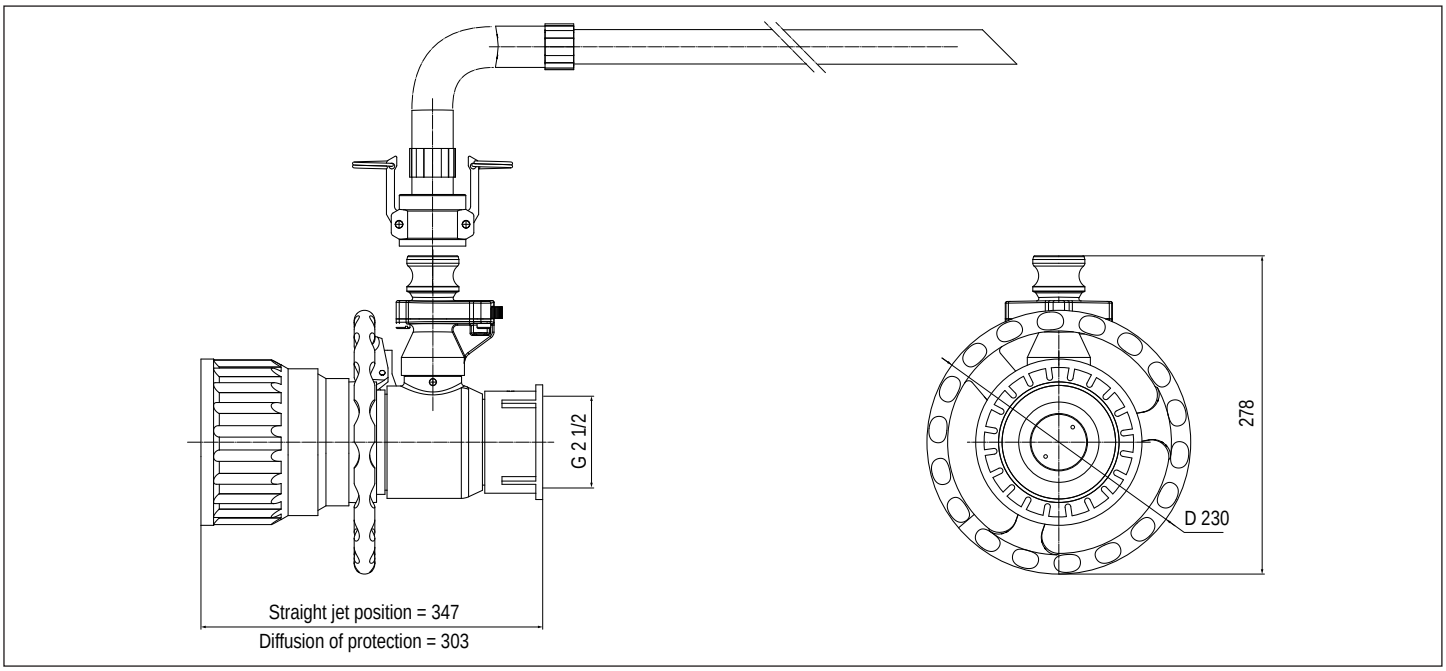
Nominal pressure : NP 16.

STANDARDS

- **NF EN 15767-1** : Portable monitors : General prescriptions.
- **NF EN 15767-2** : Portable monitors : Water diffusion devices.
- **NF EN 15767-3** : Portable monitors : Foam devices.

CONSTRUCTION

Aluminum alloys of first fusion with heat treatment and protected against corrosion by black hard anodization and red fire plasticization.
Head of the nozzle in moulded synthetic rubber to protect it against shocks



PERFORMANCES

Operating with	Flow rate l/min	Horizontal throw ranges at 30° (m)						Vertical throw ranges at 80°(m)
		Straight jet length	Diffusion angle 30°		Diffusion angle 90°		Diffusion angle 110°		Straight jet length
			length	width	length	width	length	width	
Water	**1000**	37	19	4,5	13	6,0	12	8	30
	2000	54	24	4,5	19	7,4	15	10	39
	3000	64	32	5,0	26	7,5	18	10	42

Suction percentage	Flow rates l/min				
	1000	1500	2000	2500	3000
0 %					
0,5 %					
1 %					

Performances tested at 8 bar.

CHARACTERISTICS

Model	Inlet	Weight (kg)	Part number
TURBOMAD 3000	Female 2 ½	7,500	**3047.526MAD**