



VEHICLE FIRE PROTECTION NOZZLES BY SPRAY NOZZLE ENGINEERING PTY. LTD. ***TYPE BM SOLID CONE***

Spray Nozzle Engineering P/L has been a long time supplier of speciality vehicle fire protection nozzles to every major fire protection company in the Australasian market. The **BM** style nozzles have become an industry standard on foam application sprays for the protection of vehicle engine bays in many industries including mining and farming. With many thousands of **BM** style fire protection nozzles in use over many years, they have proven themselves to be the first choice in these applications.

Spray Nozzle Engineering P/L has also developed patent pending nozzle dust caps and retention lanyards utilising the simple but novel use of an O-Ring inside the protective cap to retain itself on a standard non-modified **BM** nozzle tip and protect it. This design has also become an industry standard.

The BM style nozzle is available in many spray angles and flow rates and Spray Nozzle Engineering P/L offers a wide selection of materials and thread sizes and industry approvals including Lloyd's Register and Factory Mutual certifications. Some of the more commonly accepted sizes are detailed below.

Design Features

- * Uniform distribution of droplets in a full cone pattern.
- * Droplet size is larger than in hollow cone nozzles of equal capacity.
- * Small to medium droplet size.
- * Protective cover and lanyard available.
- * Male and female connections.
- * One piece body with removable core.
- * Various core options available including VX (X-Vane) as standard.

Materials of Construction

- * Available in brass, 303ss, 316ss and other materials.

Typical Ordering Instructions

- * 114" BM 17 N, Brass.

Nozzle Reference Number	Approx Orifice Dia. mm	Litres per minute at BarG							Approx. Spray Angle at BarG		
		1	1.5	3	5	7	9	11	1.5	3	7
Male Thread 1/4" BM 6 N	1.6	1.5	1.9	2.7	3.2	3.5	4	4.4	44°	47°	40°
1/4" BM 8 N	2.00	2.3	2.8	4.0	4.8	5.7	6.4	7.0	54°	59°	53°
1/4" BM 9 NN	2.20	2.1	2.5	3.6	4.6	5.4	6.1	6.9	24°	30°	30°
1/4" BM 17 N	2.95	4.4	5.4	7.6	9.5	11.4	12.9	14.1	70°	75°	69°
1/4" BM 16 W	2.80	4.3	5.2	7.2	9.1	10.7	12.1	13.3	117°	120°	90°
1/8" BM F 12 M	2.60	3.3	4.2	5.8	6.6	7.6	8.5	9.4	40°	45°	39°
3/8" BM F15 NN	2.50	3.4	3.9	5.9	7.6	9.0	10.2	11.3	30°	30°	30°
1/4" BM NF 2080	3.9 x 1.9	4.5	5.4	8.1	9.9	12.3	14.0	15.5	80°	80°	80°

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