



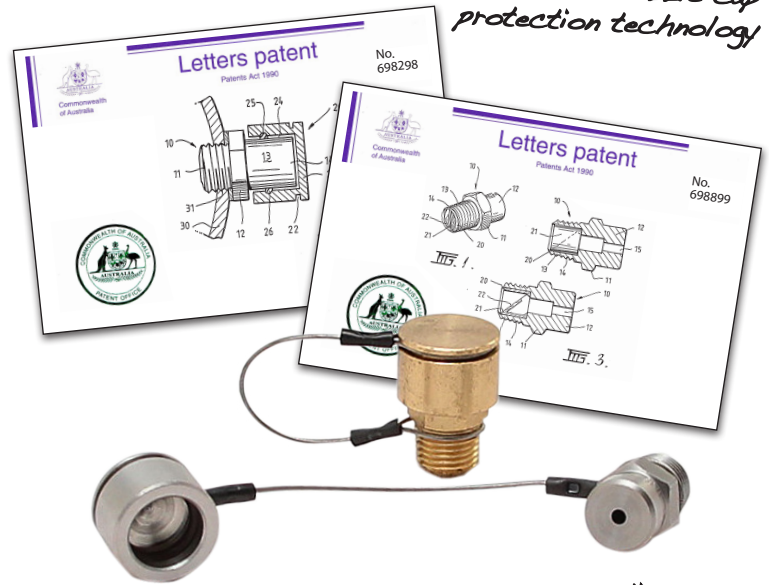
BM BLOW-OFF SERIES

NOZZLES FOR VEHICLE FIRE PROTECTION

Spray Nozzle Engineering designs & manufactures a full range of speciality vehicle fire protection nozzles and protective dust caps. This now includes the **BM** spray nozzle range with 'NEW' *Patented Rolled Lip* reducing internal vane dislodging from the nozzle body during handling and installation or due to thermal expansion. This technology coupled with the *Patented BM14* protective dust caps with retention lanyards utilise an internal O-ring that retains itself on a standard non-modified **BM Series** nozzle. Older style nozzle systems have an O-ring groove machined on the nozzle body; adding cost to the standard nozzle systems.

BM Series nozzles produce uniform distribution of small to medium sized droplets in both standard and wide angle solid cone spray patterns and along with the patented **BM14** protective dust caps make the **BM Series** the first choice for vehicle engine bay foam fire protection applications in industries such as mining, farming and forestry or in any application required a blow-off protective cap.

The market leader for over 20 years in patented Blow-off fire nozzle cap protection technology



Always demand ROLLED LIP w/ core retention for guaranteed spray dispersion



STANDARD ANGLE - FULL CONE - Performance Data

Nozzle Thread Conn. BSPT (M)	Nozzle Code	Flow Capacity LITRES per minute @ BAR								Approx. Spray Angle		Approx Orifice Dia. (mm)	Free Pass. (mm)	Dimensions		
		K Factor	1 bar	2 bar	3 bar	5 bar	10 bar	15 bar	20 bar	3 bar	7 bar			A (mm)	B (mm)	Wt (gms)
1/4	BM 8N	2.1	2.10	2.91	3.52	4.47	6.20	7.50	8.58	59°	53°	2.00	1.60	23.9	16.2	23.5
	BM 17N	4.4	4.40	6.09	7.37	9.37	12.99	15.71	17.99	75°	69°	2.85	2.45	25.6	16.5	23.5

WIDE ANGLE - FULL CONE - Performance Data

Nozzle Thread Conn. BSPT (M)	Nozzle Code	Flow Capacity LITRES per minute @ BAR								Approx. Spray Angle		Approx Orifice Dia. (mm)	Free Pass. (mm)	Dimensions		
		K Factor	1 bar	2 bar	3 bar	5 bar	10 bar	15 bar	20 bar	3 bar	7 bar			A (mm)	B (mm)	Wt (gms)
1/4	BM 8W	2.6	2.60	3.60	4.36	5.54	7.67	9.28	10.63	115°	90°	2.00	1.60	23.9	16.2	23.5
	BM 16W	3.8	3.80	5.26	6.37	8.10	11.21	13.57	15.53	120°	90°	2.80	2.00	25.6	16.2	23.5

TYPICAL ORDERING INSTRUCTIONS for Brass BM 17N Nozzle 1/4"BM 17N-BRASS

To order Brass Dust Caps with Viton O-rings use
SNE-BR-BM14-CAPVIT

To order 316SS Dust Caps with Viton O-rings use
SNE-316SS-BM14-CAPVIT

STANDARD MATERIALS
Brass, 303SS & 316SS



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