

Characteristics

Full cone spray pattern with complete circular wetting and especially small flow rates.

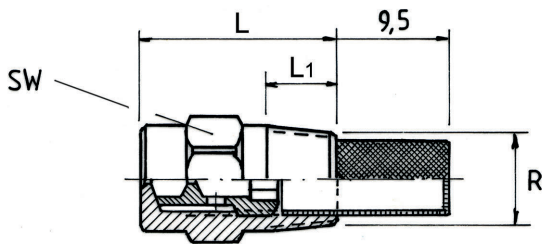
Application

Coating
Cooling
Wetting
Process engineering

Material

Brass and
Stainless steel

Illu. 1



Thread	Dimensions in mm		
	L	L1	SW
R 1/8"	17.5	7	10
R 1/4"	22.0	10	14

Thread 2 = DIN 2999

Order example: (thread - type - size - angle - material) R 1/8" - VM 7 - 60° - V2A

Spray angles to choose from: 45°-60°-90°, starting from VM 8 120°

Type	Filter mesh width mesh per inch	Flow rate \dot{V} (l/n) at pressure p (bar)							
		0.7 bar	1 bar	1.5 bar	2 bar	3 bar	4 bar	6 bar	7 bar
VM 3	200	6.9	8.2	10.0	11.6	14.2	16.4	20.1	21.7
VM 4	200	9.2	10.9	13.4	15.5	19.0	21.9	26.8	29.0
VM 5	200	11.5	13.7	16.8	19.4	23.7	27.4	33.5	36.2
VM 6	100	13.7	16.4	20.1	23.2	28.4	32.8	40.2	43.4
VM 7	100	16.0	19.1	23.5	27.1	33.2	38.3	46.9	50.7
VM 8	100	18.3	21.9	26.8	31.0	37.9	43.8	53.6	57.9
VM 9	100	20.6	24.6	30.2	34.8	42.7	49.3	60.3	65.2
VM 10	100	22.9	27.3	33.5	38.7	47.4	54.7	67.0	72.4
VM 12	100	27.5	32.8	40.2	46.4	56.9	65.7	80.5	86.9
VM 14	100	32.1	38.3	46.9	54.2	66.4	76.6	93.9	101
VM 16	50	36.7	43.7	53.6	61.9	75.9	87.6	107	116
VM 18	50	41.2	49.2	60.3	69.7	85.3	98.5	121	130
VM 20	50	45.8	54.7	67.0	77.4	94.8	109	134	145
VM 25	50	57.5	68.3	83.8	96.8	119	137	168	181
VM 30	50	68.6	82.0	101	116	142	164	201	217