



SWM Handel en Engineering B.V. - Rotterdam

Full Cone Nozzle DBNM/DBNF

Specification

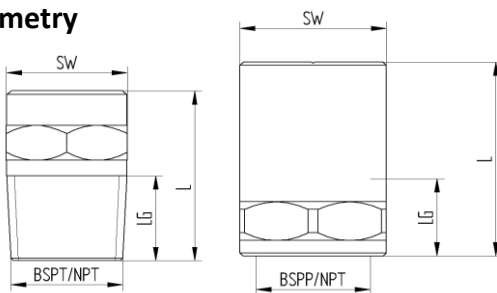
- Full cone spray pattern with even droplet distribution and wide spray angle
- Cross-milled core
- BSPT male thread or BSPP female thread
- Materials: Brass, stainless steel 1.4305 (303) , stainless steel 1.4404 (316)
- Other materials and spray angles upon request
- NPT-Thread upon request



Technical Data

Size	Thread						Flow Rate [l/min] at Pressure [bar]								Spray Angle [°] at Pressure[bar]		
	1/8	1/4	3/8	1/2	3/4	1	0,35	0,7	1	1,5	2	3	6	8	0,7	2	6
6	X	X					0,88	1,25	1,50	1,88	2,18	2,65	3,41	3,76	110	100	90
8	X	X					1,30	1,86	2,28	2,84	3,23	4,00	5,38	5,97	125	120	100
11	X	X					1,86	2,79	3,23	3,86	4,31	5,15	6,73	7,70	115	120	95
15		X					2,60	3,67	4,50	5,26	5,59	6,64	8,70	9,70	115	110	90
18		X					3,10	4,40	5,39	6,30	6,70	7,96	10,43	11,63	120	120	95
22		X	X				3,95	5,58	6,84	8,00	8,50	10,10	13,23	14,75	113	110	90
25			X				4,27	6,04	7,24	8,43	9,32	11,01	14,65	16,26	120	120	100
32			X				5,90	7,70	9,15	10,80	11,92	14,30	18,90	21,26	115	110	85
39			X				7,20	9,40	11,15	13,14	14,52	17,40	23,00	25,90	120	120	90
46			X	X			8,13	11,62	13,64	15,86	17,27	19,29	25,45	29,39	125	112	90
48			X	X			8,33	12,52	15,25	16,87	18,18	23,13	29,80	34,34	125	120	90
59				X			9,29	13,23	15,96	19,29	22,32	26,06	34,64	40,70	130	128	100
65				X			12,00	15,65	18,60	21,92	24,21	29,00	38,37	43,20	115	110	85
73				X			13,50	17,60	20,88	24,50	27,19	32,60	43,10	48,50	115	120	90
82					X		15,35	20,00	23,74	27,98	30,91	37,07	48,99	55,15	115	112	90
94					X		16,77	22,32	26,87	32,72	35,45	41,92	56,26	63,33	119	120	91
98					X		18,08	23,23	27,78	34,24	37,27	44,34	59,59	67,87	112	120	90
136						X	24,14	35,25	42,32	48,18	51,41	60,20	81,20	91,41	118	115	75
153						X	27,88	38,08	46,97	53,93	57,97	67,47	91,30	108,07	125	120	85
200						X	29,69	42,32	51,41	62,62	75,95	88,68	120,19	139,38	118	125	90

Geometry



Thread	Male Thread			Female Thread		
	SW	L	LG	SW	L	LG
	[mm]			[mm]		
1/8"	11	17,5	7	13	25	7
1/4"	14	22	10	17	34	10
3/8"	17	25	10	22	38	10
1/2"	22	32	13	25	45	13
3/4"	27	38	15	30	55	15
1"	36	50	17	36	70	17

Order Example

Full Cone Nozzle Thread DBNM(F) Size - Material

Male Thread: Full Cone Nozzle 3/8 DBNM 25 - 1.4404
 Female Thread: Full Cone Nozzle 1/4 DBNF 11 - 1.4305