

Full cone nozzles Type B1 use an internal swirl plate to give a uniform full cone spray pattern.

Rated flows from 0.4 L/ minute to 150 L/ minute; operating pressures from 0.75 Bar to 7 Bar; spray angle 60 degrees in a circular pattern. Thread connections from 1/8" to 1" BSP, male or female. Material: Stainless steel 303 or 316; Brass.

- Types B one piece
- Types BB three piece with removable cap

APPLICATIONS

- Washing processes
- Cooling
- Foam dispersion
- Chemical processing
- Fire protection

To order: specify the thread size and type, nozzle capacity code or flow rate and operating pressure, and material - eg 3/8MB1-22S.

TYPE OF NOZZLE		Ø1 mm	Ø2 mm	PRESSURE - A (bar)									bar		
				0.75	1	1.5	2	3	4	5	6	7	0.5	1.5	5
				CAPACITY (l/min)									△°	△°	△°
* 1/8 F - BB1 - 1	1/8 M - BB1 - 1	0.89	0.64	0.41	0.45	0.54	0.61	0.74	0.85	0.93	1.05	1.10	45	58	53
* 1/8 F - BB1 - 1.5	1/8 M - BB1 - 1.5	1.2	0.8	0.61	0.67	0.80	0.92	1.10	1.29	1.40	1.50	1.60	52	65	60
* 1/8 F - BB1 - 2	1/8 M - BB1 - 2	1.3	0.8	0.81	0.89	1.10	1.25	1.50	1.70	1.95	2.00	2.20	43	50	45
* 1/8 F - BB1 - 3	1/8 M - BB1 - 3	1.6	1.0	1.18	1.30	1.65	1.83	2.20	2.50	2.80	3.05	3.30	50	65	60
* 1/8 F - BB1 - 3.5	1/8 M - BB1 - 3.5	1.6	1.3	1.45	1.60	1.95	2.10	2.63	3.00	3.30	3.50	3.80	43	50	45
* 1/8 F - BB1 - 5	1/8 M - BB1 - 5	2.0	1.3	2.00	2.20	2.74	3.10	3.75	4.20	4.70	5.15	5.45	50	65	60
* 1/4 F - BB1 - 6.5	1/4 M - BB1 - 6.5	2.3	1.6	2.63	2.90	3.65	4.10	4.80	5.50	6.10	6.60	7.00	45	50	47
* 1/4 F - BB1 - 10	1/4 M - BB1 - 10	2.9	1.6	4.09	4.50	5.40	6.10	7.40	8.50	9.30	10.5	11.0	58	65	62
* 3/8 F - BB1 - 9.5	3/8 M - BB1 - 9.5	2.6	2.4	3.81	4.20	5.10	5.75	7.05	8.00	8.90	9.71	10.4	45	50	47
* 3/8 F - BB1 - 15	3/8 M - BB1 - 15	3.6	2.4	6.09	6.70	8.05	9.20	11.2	12.7	14.3	15.2	16.5	65	67	60
* 3/8 F - BB1 - 22	3/8 M - BB1 - 22	4.5	2.8	8.90	9.80	11.8	13.4	16.3	18.5	21.0	22.0	23.9	85	90	80
* 1/2 F - BB1 - 16	1/2 M - BB1 - 16	3.5	3.2	6.40	7.10	8.50	9.85	11.8	13.4	15.1	16.3	17.5	48	50	45
* 1/2 F - BB1 - 25	1/2 M - BB1 - 25	4.6	3.2	10.0	11.1	13.5	15.2	18.5	21.0	23.1	25.2	27.0	65	68	60
* 1/2 F - BB1 - 32	1/2 M - BB1 - 32	5.2	3.6	12.9	14.2	17.3	19.5	24.0	27.1	30.0	33.3	34.9	70	75	68
* 1/2 F - BB1 - 40	1/2 M - BB1 - 40	6.4	3.6	16.1	17.8	21.2	24.0	30.0	34.1	36.9	41.0	44.0	88	90	85
	1/8 M - B1 - 3	1.5	1.0	1.18	1.30	1.65	1.83	2.20	2.50	2.80	3.05	3.30	50	65	60
	1/8 M - B1 - 3.5	1.6	1.3	1.45	1.60	1.95	2.10	2.65	3.00	3.30	3.50	3.80	43	50	45
	1/8 M - B1 - 5	2.0	1.3	2.00	2.20	2.74	3.10	3.75	4.20	4.70	5.15	5.45	50	65	60
	1/4 M - B1 - 6.5	2.3	1.6	2.63	2.90	3.55	4.10	4.80	5.50	6.20	6.60	7.00	45	50	47
	1/4 M - B1 - 10	2.9	1.6	4.09	4.50	5.40	6.10	7.40	8.50	9.30	10.5	11.0	58	65	62
	3/8 M - B1 - 9.5	2.6	2.4	3.81	4.20	5.10	5.75	7.05	8.00	8.90	9.71	10.04	45	50	47
	3/8 M - B1 - 15	3.6	2.4	6.09	6.70	8.05	9.20	11.2	12.7	14.3	15.2	16.5	65	67	60
	3/8 M - B1 - 22	4.5	2.8	8.90	9.80	11.8	13.4	16.3	18.5	21.0	22.0	23.9	85	90	80
	1/2 M - B1 - 25	4.6	3.2	10.0	11.1	13.5	15.2	18.5	21.0	23.1	25.2	27.0	65	68	60
	1/2 M - B1 - 40	6.4	3.6	16.1	17.8	21.2	24.0	30.0	34.1	36.9	41.0	44.0	88	90	85
* 3/4 F - B1 - 2.5	3/4 M - B1 - 2.5	4.9	4.5	11.9	13.1	15.9	18.1	21.8	25.0	28.0	30.0	32.0	48	50	45
* 3/4 F - B1 - 4	3/4 M - B1 - 4	6.4	4.5	19.1	21.0	25.1	28.8	35.1	40.0	44.0	48.0	50.8	68	70	65
* 3/4 F - B1 - 7	3/4 M - B1 - 7	9.5	5.2	33.6	37.0	44.2	51.3	61.0	70.0	77.0	84.3	90.0	90	95	85
* 1 F - B1 - 4.2	1 M - B1 - 4.2	6.0	5.6	20.0	22.0	27.0	30.3	37.2	42.5	46.0	50.0	53.8	48	50	45
* 1 F - B1 - 7	1 M - B1 - 7	8.3	5.6	9.0	37.0	44.1	51.0	61.2	70.0	77.0	83.9	90.0	65	68	60
* 1 F - B1 - 10	1 M - B1 - 10	11.9	5.6	47.2	52.0	63.0	72.0	87.1	99.0	110.0	120.0	130.0	75	78	70
* 1 F - B1 - 12	1 M - B1 - 12	11.9	6.0	57.2	63.0	76.0	87.0	104.0	119.0	131.0	144.0	155.0	90	93	85