

SCL Shower Cluster Nozzle



Nozzle Features

SCL series are fitted with seven nozzles which offer a range of low to medium flow combinations. SCL series produces a conical shower spray pattern and makes this nozzle ideal for applications that require a wide area coverage. The nozzles can be removed from the main body for easy cleaning and replacement, if required.



Performance Data

NOZZLE THREAD CONN.	NOZZLE CODE	FLOW RATES (LPM @ BarG)				APPROX. SPRAY COVERAGE
		1.0	3.0	6.0	10.0	1 (m)
3/4 or 1	S6	-	-	-	0.51	1.1
	S10	-	0.44	0.67	0.88	1.2
	S15	-	0.67	0.97	1.34	1.4
	S20	-	0.90	1.27	1.74	1.4
	S30	0.78	1.38	2.04	2.53	1.7
	S40	1.09	1.78	2.58	3.44	1.7
	S60	1.58	2.76	3.87	5.10	1.8
	S80	2.09	3.68	5.14	6.72	1.8
	S100	2.68	4.57	6.42	8.42	2.1
	S120	3.16	5.47	7.74	10.2	2.4
	S140	3.67	6.39	9.06	11.9	2.4
	S160	4.29	7.36	10.3	13.6	2.4
	S180	4.71	8.28	11.6	15.1	2.4
	S220	5.76	10.0	14.2	18.6	2.9
S260	6.84	11.9	16.8	22.2	3.0	
3/4	B6	3.08	5.18	7.14	9.24	1.5
	B9	4.67	7.74	10.7	13.6	2.4
	B19	9.39	15.5	21.8	27.2	2.6
	B31	15.6	25.7	35.6	45.3	2.9
1	B63	30.9	51.6	71.7	91.2	3.4
	B76	38.4	64.8	89.9	114	3.7
1 or 1-1/2	B155	78.2	129	179	224	4.2
	B198	100	165	229	391	4.2
	B249	124	207	283	363	4.2
1-1/2	B309	155	259	358	457	4.4

Applications

- Dust Suppression
- Tank Cooling
- Fire Protection
- Gas Scrubbing

Ordering Example

3/4-SCL-316SS-B6

Available Materials

Brass, 303ss, 316ss

* Other materials available on request

MHJ Series - Hollow Cone Nozzle



Nozzle Features

MHJ series hydraulic atomizing nozzles utilize the fluid pressure to produce extremely fine particles. The spray pattern is uniform hollow cone. The inlet orifice taper cone and strainer are easy to dismantle for inspection. Strainers are fitted to all nozzle models and parts are precision machined.



Performance Data



MHJ-A
Female Body
c/w Strainer

NOZZLE THREAD CONN.	NOZZLE CODE	OUTLET BORE DIA.	FLOW RATES (LPH @ BarG)						APPROX. SPRAY ANGLE @ 20.0 BarG
		(mm)	2.0	5.0	10.0	20.0	40.0	80.0	DEG°
1/4" Female	A6	0.4	-	-	4.30	6.10	8.60	12.6	65
	A10	0.5	-	5.10	7.20	10.2	14.4	20.4	70
	A15	0.5	4.80	7.60	10.8	15.3	22.0	30.6	70
	A20	0.7	6.40	10.2	14.4	20.0	29.0	40.0	77
	A30	0.7	9.70	15.3	22.0	31.0	43.0	62.0	73
	A40	1.1	12.9	20.0	29.0	41.0	58.0	82.0	82
	A60	1.1	19.3	31.0	43.0	61.0	86.0	122.0	81
	A80	1.5	26.0	41.0	58.0	82.0	115.0	164.0	90
	A100	1.6	32.0	51.0	72.0	102.0	144.0	204.0	86
	A120	1.9	39.0	61.0	86.0	122.0	173.0	244.0	86
	A140	1.9	45.0	71.0	101.0	143.0	200.0	286.0	91
	A180	1.9	58.0	92.0	130.0	183.0	260.0	366.0	88
A220	1.9	71.0	112.0	159.0	225.0	320.0	450.0	73	
A260	2.2	84.0	133.0	187.0	265.0	375.0	530.0	75	



MHJ-B
Male Body
c/w Strainer

NOZZLE THREAD CONN.	NOZZLE CODE	OUTLET BORE DIA.	FLOW RATES (LPH @ BarG)						APPROX. SPRAY ANGLE @ 20.0 BarG
		(mm)	2.0	5.0	10.0	20.0	40.0	80.0	DEG°
1/4" Male	B6	0.4	-	-	4.30	6.10	8.60	12.6	65
	B10	0.5	-	5.10	7.20	10.2	14.4	20.4	70
	B15	0.5	4.80	7.60	10.8	15.3	22.0	30.6	70
	B20	0.7	6.40	10.2	14.4	20.0	29.0	40.0	77
	B30	0.7	9.70	15.3	22.0	31.0	43.0	62.0	73
	B40	1.1	12.9	20.0	29.0	41.0	58.0	82.0	82
	B60	1.1	19.3	31.0	43.0	61.0	86.0	122.0	81
	B80	1.5	26.0	41.0	58.0	82.0	115.0	164.0	90
	B100	1.6	32.0	51.0	72.0	102.0	144.0	204.0	86
	B120	1.9	39.0	61.0	86.0	122.0	173.0	244.0	86
	B140	1.9	45.0	71.0	101.0	143.0	200.0	286.0	91
	B180	1.9	58.0	92.0	130.0	183.0	260.0	366.0	88
B220	1.9	71.0	112.0	159.0	225.0	320.0	450.0	73	
B260	2.2	84.0	133.0	187.0	265.0	375.0	530.0	75	



MHJ-C
Male Body
c/w Strainer

NOZZLE THREAD CONN.	NOZZLE CODE	OUTLET BORE DIA.	FLOW RATES (LPH @ BarG)						APPROX. SPRAY ANGLE @ 20.0 BarG
		(mm)	2.0	5.0	10.0	20.0	40.0	80.0	DEG°
1/4" Male	C6	0.4	-	-	4.30	6.10	8.60	12.6	65
	C10	0.5	-	5.10	7.20	10.2	14.4	20.4	70
	C15	0.5	4.80	7.60	10.8	15.3	22.0	30.6	70
	C20	0.7	6.40	10.2	14.4	20.0	29.0	40.0	77
	C30	0.7	9.70	15.3	22.0	31.0	43.0	62.0	73
	C40	1.1	12.9	20.0	29.0	41.0	58.0	82.0	82
	C60	1.1	19.3	31.0	43.0	61.0	86.0	122.0	81
	C80	1.5	26.0	41.0	58.0	82.0	115.0	164.0	90
	C100	1.6	32.0	51.0	72.0	102.0	144.0	204.0	86
	C120	1.9	39.0	61.0	86.0	122.0	173.0	244.0	86
	C140	1.9	45.0	71.0	101.0	143.0	200.0	286.0	91
	C180	1.9	58.0	92.0	130.0	183.0	260.0	366.0	88
C220	1.9	71.0	112.0	159.0	225.0	320.0	450.0	73	
C260	2.2	84.0	133.0	187.0	265.0	375.0	530.0	75	

Applications

- Control Chamber Moistening
- Insecticide Spraying
- Gas Cooling
- Pre-Treatment Wetting
- Humidifying
- Evaporative Cooling

Ordering Example

1/4-MHJ-SS-B60

Available Materials

Brass, 303ss, 316ss

* Other materials available on request

FD Series - Hollow Cone Nozzle

Nozzle Features



FD series range produce a mist of fine spray droplets in a hollow cone pattern with uniform spray distribution. The nozzle body is manufactured from brass with SS orifice and core. An O-ring seal is supplied for sealing. All parts are precision machined.



Performance Data



NOZZLE THREAD CONN.	NOZZLE CODE	OUTLET BORE DIA. (mm)	FLOW RATE TYPE	FLOW RATES @ BarG							APPROX. SPRAY ANGLE DEG°
				4.0	7.0	10.0	14.0	35.0	45.0	70.0	
10/24 UNC-2A or 1/8" NPT	FD 1.5	0.15	LPM	-	-	.023	.026	.036	.043	.050	55 - 70
			LPH	-	-	1.4	1.16	2.20	2.60	3.03	
	FD 2.0	0.20	LPM	-	-	.028	.033	.048	.056	.07	55 - 70
			LPH	-	-	1.7	2.0	2.9	3.40	4.2	
	FD 3.0	0.30	LPM	.028	.036	.045	.048	.068	.078	.093	65 - 70
			LPH	1.7	2.2	2.7	2.9	4.1	4.70	5.6	
	FD 4.0	0.40	LPM	.045	.051	.07	.085	.116	.126	.15	80
			LPH	2.7	3.1	4.2	5.1	7.0	7.58	8.9	
	FD 5.0	0.50	LPM	.056	.07	.083	.088	1.85	.15	.165	80
			LPH	3.4	4.2	5.0	5.3	8.0	9.0	9.9	

Applications

- Chemical Treatment
- Chemical Spraying
- Parts Cooling
- Fruit Wax Coating
- Artificial Fog
- Gas Turbine Cooling
- Poultry Cooling
- Outdoor Cooling

Ordering Example

1/8-FD-4.0

Available Materials

Brass, SS

* Other materials available on request

FE Series - Hollow Cone Nozzle

Nozzle Features



FE series are precision moulded spray nozzles and produce a very fine mist of spray droplets in a hollow cone pattern. The spray droplets are between 20 to 40 micron. It features an internal strainer to reduce clogging.



NOZZLE THREAD CONN.	NOZZLE CODE	FLOW RATES (LPM @ BarG)			APPROX. SPRAY ANGLE DEG°
		2.0	6.0	8.0	
1/8	FE030	0.042	0.060	0.085	75

Applications

- Chemical Treatment
- Chemical Spraying
- Parts Cooling
- Fruit Wax Coating
- Artificial Fog
- Gas Turbine Cooling
- Poultry Cooling
- Outdoor Cooling

Ordering Example

1/8-FE-030

Available Materials

PP - Polypropylene