

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