

EDM Series - Full Cone Nozzle



Nozzle Features

EDM CJ series spray nozzles provide for easy change-out on the run. The nozzle can be removed in seconds with a quarter turn without the use of tools.

EDM CJ series feature a full cone spray pattern with a round impact area in narrow to medium spray angles, produce uniform distribution of medium to large sized droplets over a wide range of flow rates and pressures. Their uniform spray distribution result from a unique vane design, large and easy flow passages and superior spray control design.



Performance Data

NOZZLE THREAD CONN.				NOZZLE CODE	INLET BORE DIA. (mm)	OUTLET BORE DIA. (mm)	FLOW RATES (LPM @ BarG)						APPROX SPRAY ANGLE @ 2.0 BarG DEG°	
1/8	1/4	3/8	1/2				0.5	1.0	2.0	3.0	5.0	7.0		10.0
●	●			6	0.6	0.8	0.33	0.45	0.63	0.76	0.97	1.14	1.34	57
●	●			9	0.6	1.2	0.47	0.66	0.91	1.10	1.40	1.64	1.94	63
●	●			12	1.0	1.2	0.62	0.85	1.18	1.43	1.82	2.13	2.51	51
●	●			19	1.0	1.5	0.97	1.35	1.87	2.26	2.88	3.37	3.98	63
●	●			22	1.3	1.6	1.14	1.57	2.18	2.64	3.35	3.93	4.64	51
●	●			31	1.0	2.0	1.63	2.25	3.12	3.78	4.80	5.62	6.65	66
●	●			41	1.6	2.4	2.12	2.94	4.07	4.92	6.26	7.33	8.67	51
●	●			63	1.6	3.2	3.28	4.54	6.29	7.61	9.68	11.33	13.40	66
●	●			58	2.4	2.6	3.03	4.20	5.82	7.04	8.95	10.49	12.40	51
●	●	●	●	92	2.4	3.6	4.80	6.65	9.21	11.14	14.17	16.59	19.62	65
●	●	●	●	137	2.8	4.5	7.05	9.76	13.52	16.36	20.80	24.36	28.81	85
●	●	●	●	100	3.2	3.5	5.19	7.19	9.96	12.05	15.32	17.95	21.22	51
●	●	●	●	155	3.2	4.6	8.06	11.17	15.47	18.72	23.80	27.87	32.96	65
●	●	●	●	198	3.6	5.2	10.28	14.24	19.72	23.86	30.33	35.53	42.02	76
●	●	●	●	249	3.6	6.2	12.98	17.98	24.91	30.14	38.32	44.88	53.07	88

Nozzle Features



EDM CJW series spray nozzles provide for easy change-out on the run. The nozzle can be removed in seconds with a quarter turn without the use of tools.

EDM CJW series feature a full cone spray pattern with a round impact area in narrow to medium spray angles, produce uniform distribution of medium to large sized droplets over a wide range of flow rates and pressures.



Performance Data

NOZZLE THREAD CONN.	NOZZLE CODE	INLET BORE DIA. (mm)	OUTLET BORE DIA. (mm)	FLOW RATES (LPM @ BarG)						APPROX. SPRAY ANGLE @ 2.0 BarG DEG°	
				0.5	1.0	2.0	3.0	5.0	7.0		10.0
1/8	17W	1.0	1.6	0.88	1.21	1.68	2.03	2.58	3.03	3.58	118
	26W	1.0	2.0	1.37	1.89	2.62	3.17	4.03	4.72	5.58	118
	34W	1.0	2.4	1.78	2.47	3.42	4.14	5.26	6.16	7.29	118
	48W	1.3	2.4	2.49	3.45	4.78	5.78	7.35	8.61	10.18	118
1/4	60W	1.3	2.8	3.11	4.31	5.97	7.22	9.18	10.76	12.72	118
	73W	1.3	3.2	3.79	5.26	7.28	8.81	11.20	13.12	15.51	118
	85W	1.6	3.6	4.41	6.12	8.47	10.25	13.03	15.26	18.05	118
3/8	103W	1.6	4.0	5.35	7.41	10.27	12.43	15.80	18.50	21.88	118
	121W	2.4	4.4	6.31	8.74	12.11	14.65	18.63	21.82	25.80	118
	144W	2.4	4.8	7.52	10.42	14.43	17.46	22.20	26.00	30.75	118
	163W	2.8	5.2	8.49	11.75	16.28	19.70	25.04	29.33	34.69	118
1/2	181W	2.8	5.6	9.44	13.07	18.11	21.91	27.86	32.63	38.59	118
	210W	3.2	6.0	10.94	15.15	20.98	25.38	32.27	37.80	44.70	118
	240W	3.2	6.4	12.49	17.31	23.97	29.00	36.87	43.19	51.07	118
	270W	3.6	6.4	14.08	19.51	27.02	32.69	41.56	48.69	57.57	118
	300W	4.0	6.7	15.63	21.64	29.98	36.27	46.12	54.02	63.88	118

Applications

- Gas Scrubbing
- Foam Suppression
- Cooling & Quenching
- Meat Carcass Chilling

Ordering Example

3/8-EDMCJ-316SS-92

Available Materials

Brass, 303ss, 316ss

* Other materials available on request