

EDM Series - Flat Fan Nozzle

Nozzle Features



EDM VJ series flat fan 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 VJ series produce a uniform distribution of small, medium and large size droplets. The spray pattern is elliptical and can form an even coverage when a number of nozzles are fitted side by side.



Performance Data

EDMVJ series are available in the following spray angles 0°(solid stream), 15°, 25°, 40°, 50°, 65°, 80°, 95° and 110°.

NOZZLE THREAD CONN.				NOZZLE CODE	OUTLET BORE DIA. (mm)	FLOW RATES (LPM @ BarG)							
1/8	1/4	3/8	1/2			0.5	1.0	2.0	3.0	5.0	7.0	10.0	25.0
●	●			3	0.66	0.16	0.23	0.32	0.39	0.51	0.60	0.72	1.13
●	●			5	0.79	0.24	0.34	0.48	0.59	0.76	0.90	1.07	1.70
●	●			6	0.91	0.32	0.45	0.64	0.78	1.01	1.20	1.43	2.26
●	●			8	1.02	0.41	0.57	0.81	0.99	1.28	1.52	1.81	2.86
●	●			10	1.09	0.49	0.69	0.97	1.19	1.53	1.81	2.17	3.43
●	●			13	1.32	0.65	0.92	1.30	1.59	2.06	2.43	2.91	4.60
●	●			16	1.45	0.81	1.15	1.62	1.98	2.56	3.03	3.62	5.73
●	●			19	1.57	0.97	1.37	1.94	2.38	3.07	3.63	4.34	6.86
●	●			26	1.83	1.29	1.82	2.58	3.16	4.08	4.83	5.77	9.12
●	●	●	●	32	2.03	1.61	2.28	3.22	3.94	5.09	6.02	7.20	11.38
●	●	●	●	48	2.38	2.42	3.42	4.83	5.92	7.64	9.04	10.80	17.08
●	●	●	●	65	2.78	3.23	4.56	6.45	7.90	10.20	12.07	14.42	22.80
●	●	●	●	97	3.57	4.84	6.84	9.67	11.84	15.29	18.09	21.62	34.19
●	●	●	●	129	3.97	6.46	9.14	12.93	15.84	20.44	24.19	28.91	45.71
●	●	●	●	161	4.37	8.07	11.41	16.13	19.76	25.50	30.18	36.07	57.03
	●	●	●	194	4.76	9.69	13.70	19.38	23.74	30.64	36.26	43.33	68.52
	●	●	●	227	5.16	11.33	16.02	22.66	27.75	35.83	42.39	50.67	80.12
		●	●	259	5.56	12.94	18.29	25.87	31.68	40.90	48.40	57.85	91.46
		●	●	291	5.95	14.55	20.57	29.09	35.63	46.00	54.42	65.05	102.85
		●	●	322	6.35	16.12	22.80	32.24	39.49	50.98	60.32	72.09	113.99
		●	●	387	7.35	19.35	27.37	38.70	47.40	61.19	72.40	86.54	136.83
		●	●	488	7.54	24.41	34.52	48.82	59.79	77.19	91.33	109.16	172.60
			●	644	8.73	32.21	45.54	64.41	78.89	101.84	120.50	144.03	227.72
			●	809	9.50	40.46	57.22	80.92	99.11	127.95	151.39	180.94	286.10

Nozzle Features



EDM FJ series spray nozzle features a high impact flat fan spray pattern in narrow spray angles. They produce a uniform spray distribution of medium sized droplets. The EDM FJ series spray pattern has sharply defined edges and it is machined from one piece bar stock. EDM FJ series nozzle provides for easy change-out on the run. The nozzle can be removed in seconds with a quarter turn without the use of tools.



Performance Data

SPRAY ANGLE	NOZZLE THREAD CONN.			NOZZLE CODE	OUTLET BORE DIA. (mm)	FLOW RATES (LPM @ BarG)						
	1/4	3/8	1/2			0.5	1.0	2.0	3.0	5.0	7.0	10.0
35°			●	194	4.4	9.69	13.70	19.37	23.72	30.63	36.24	43.31
			●	261	5.2	13.03	18.42	26.05	31.90	41.19	48.74	58.25
50°	●			32	2.0	1.62	2.29	3.24	3.97	5.12	6.06	7.24
	●	●		82	2.8	4.08	5.76	8.15	9.98	12.89	15.25	18.22
	●	●		129	3.6	6.47	9.15	12.94	15.85	20.46	24.21	28.93
		●		194	4.8	9.69	13.70	19.37	23.72	30.63	36.24	43.31
		●		321	6.0	16.03	22.66	32.05	39.25	50.68	59.96	71.67
		●	400	6.7	20.02	28.31	40.04	49.04	63.31	74.91	89.53	

Applications

- Conveyor Cleaning
- Metal Treatment
- Product Washing
- High Impact Cleaning

Ordering Example

1/2-EDMFJ-316SS-35194

Available Materials

Brass, 303ss, 316ss

* Other materials available on request