

EDM Series - Full Cone Nozzle



Nozzle Features

EDM CJSQ & CJWSQ 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 CJSQ & CJWSQ 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.	OUTLET BORE DIA.	FLOW RATES (LPM @ BarG)						APPROX. SPRAY ANGLE @ 2.0 BarG
		(mm)	(mm)	0.5	1.0	2.0	3.0	5.0	7.0	DEG°
1/8	22	1.3	1.6	1.16	1.60	2.22	2.69	3.41	4.00	53
	30	1.3	1.9	1.55	2.15	2.98	3.61	4.58	5.37	65
	37	1.3	2.4	1.94	2.69	3.73	4.51	5.74	6.72	68
1/4	62	1.6	2.8	3.22	4.45	6.17	7.47	9.49	11.12	69
	74	1.6	3.2	3.84	5.32	7.37	8.92	11.34	13.28	77
	90	1.6	3.9	4.69	6.49	8.99	10.88	13.83	16.20	84
3/8	111	2.4	4.0	5.81	8.04	11.14	13.48	17.14	20.07	77
1/2	179	3.2	5.6	9.31	12.90	17.87	21.62	27.49	32.20	77
	220	3.2	6.4	11.46	15.87	21.98	26.59	33.81	39.60	84

Nozzle Features



EDM CJWSQ 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 CJWSQ 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

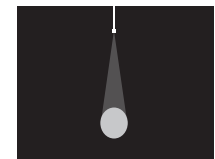
NOZZLE THREAD CONN.	NOZZLE CODE	MAX BORE DIA.	OUTLET BORE DIA.	FLOW RATES (LPM @ BarG)						APPROX. SPRAY ANGLE @ 2.0 BarG
		(mm)	(mm)	0.5	1.0	2.0	3.0	5.0	7.0	DEG°
1/4	85WSQ	1.6	3.6	4.48	6.16	8.47	10.21	12.91	15.07	104
	103WSQ	1.6	4.0	5.43	7.47	10.28	12.39	15.67	18.29	104
3/8	121WSQ	2.4	4.4	6.41	8.81	12.12	14.61	18.47	21.57	112
	145WSQ	2.4	4.8	7.65	10.52	14.47	17.44	22.06	25.75	113
	163WSQ	2.8	5.2	8.60	11.83	16.27	19.61	24.80	28.95	112
	181WSQ	2.8	5.6	9.55	13.14	18.07	21.78	27.54	32.15	115
	210WSQ	3.2	6.0	11.09	15.25	20.98	25.28	31.98	37.33	114
1/2	240WSQ	3.2	6.4	12.70	17.47	24.03	28.96	36.63	42.76	115
	270WSQ	3.6	6.4	14.28	19.64	27.02	32.56	41.18	48.08	116
	300WSQ	4.0	6.7	15.84	21.79	29.97	36.12	45.68	53.33	113

Nozzle Features



EDM GCJ series narrow angle 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 GCJ series feature a narrow angle full cone spray pattern with a round impact area and spray angles of 15° and produce uniform distribution of medium to large sized droplets. The nozzle provides significantly higher impact per unit area than wider angle nozzles at the same flow rate and have removable vanes.



Performance Data

NOZZLE THREAD CONN.	NOZZLE CODE	OUTLET BORE DIA.	FLOW RATES (LPM @ BarG)							APPROX. SPRAY ANGLE @ 2.0 BarG
		(mm)	0.5	1.0	2.0	3.0	5.0	7.0	10.0	DEG°
1/8	1523	1.6	1.21	1.68	2.33	2.82	3.58	4.20	4.96	15
	1545	2.4	2.36	3.26	4.52	5.47	6.95	8.14	9.63	15
1/4	1598	3.2	5.10	7.07	9.79	11.85	15.06	17.64	20.86	15
3/8	15162	4.4	8.44	11.69	16.19	19.59	24.90	29.17	34.50	15
1/2	15300	5.6	15.59	21.59	29.91	36.19	46.01	53.89	63.73	15