

QSC Series - Clamp Nozzle

Nozzle Features

QSC series spring clamp system allows operator to remove nozzles from pipe quickly without use of tools.

QSC series are available in hollow cone, full cone and flat fan spray patterns and produce uniform distribution of small, medium and large size droplets type are available in 3 models. The advantages of using this system are easy tip replacement, permits accurate alignment without disturbing pipe connection.



NOZZLE CODE	CONN. TYPE
BL-EDP	Quick Connect

Performance Data

QSC-EDP-QA
Hollow Cone



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	
1/4 or 3/8	QA 3	0.79	1.2	0.17	0.23	0.33	0.40	0.52	0.62	60
	QA 6	1.6	1.6	0.32	0.45	0.64	0.78	1.01	1.20	66
	QA 14	2.0	2.0	0.69	0.97	1.37	1.68	2.17	2.56	68
	QA 20	2.4	2.4	1.00	1.41	1.99	2.44	3.15	3.72	80
	QA 33	3.6	2.8	1.64	2.32	3.28	4.02	5.19	6.14	75
	QA 53	4.4	3.6	2.63	3.72	5.26	6.44	8.32	9.84	73
	QA 65	4.8	4.4	3.24	4.57	6.47	7.92	10.23	12.10	76
	QA 97	6.0	4.2	4.86	6.87	9.72	11.90	15.37	18.18	72
	QA 33W	3.6	3.2	1.64	2.32	3.28	4.02	5.19	6.14	111
	QA 53W	4.4	4.0	2.63	3.72	5.26	6.44	8.32	9.84	100
QA 65W	4.8	4.4	3.24	4.57	6.47	7.92	10.23	12.10	97	
QA 97W	6.0	5.6	4.86	6.87	9.72	11.90	15.37	18.18	98	

QSC-EDP-QB
Full Cone



Performance Data

NOZZLE THREAD CONN.	NOZZLE CODE	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	
1/4 or 3/8	QB 6	0.32	0.45	0.62	0.75	0.95	1.12	1.32	60
	QB 12	0.63	0.87	1.21	1.46	1.86	2.18	2.58	51
	QB 19	1.01	1.39	1.93	2.34	2.97	3.48	4.11	66
	QB 22	1.16	1.60	2.22	2.69	3.41	4.00	4.73	50
	QB 31	1.64	2.27	3.14	3.80	4.83	5.66	6.69	65
	QB 41	2.12	2.93	4.06	4.91	6.25	7.32	8.65	52
QB 62	3.24	4.48	6.21	7.51	9.55	11.19	13.23	68	

Performance Data

QSC-EDP-QC
Flat Fan



NOZZLE THREAD CONN.	NOZZLE CODE	OUTLET BORE DIA. (mm)	FLOW RATES (LPM @ BarG)									
			0.5	1.0	2.0	3.0	5.0	7.0	10.0	25.0		
50	●	●	QC 6	0.66	0.32	0.45	0.64	0.78	1.01	1.20	1.43	2.26
		●	QC 13	0.79	0.66	0.93	1.31	1.60	2.07	2.45	2.93	4.63
		●	QC 16	0.91	0.81	1.15	1.62	1.98	2.56	3.03	3.62	5.73
		●	QC 19	1.02	0.95	1.34	1.9	2.33	3.00	3.55	4.25	6.72
	●	●	QC 26	1.09	1.30	1.84	2.6	3.18	4.11	4.86	5.81	9.19
		●	QC 32	1.32	1.60	2.26	3.2	3.92	5.06	5.99	7.16	11.31
		●	QC 48	1.45	2.40	3.39	4.8	5.88	7.59	8.98	10.73	16.97
		●	QC 65	1.57	3.25	4.60	6.5	7.96	10.28	12.16	14.53	22.98

Applications

- Conveyor Cleaning
- Metal Treatment
- Product Washing
- Spray Chilling

Ordering Example

1-1/4-QSC-EDP8032-PP

Available Materials

PP - Polypropylene