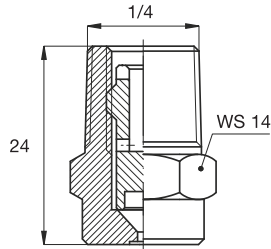


HOLLOW CONE NOZZLES

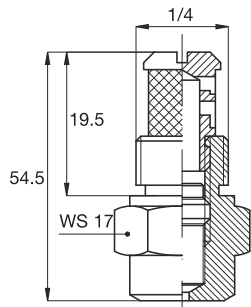
RX/RZ



RX



RZ



HYDRAULIC ATOMIZERS

Hydraulic atomizers are designed to deliver a very finely atomised hollow cone spray without using air; even at low pressure values.

The nozzle contains a precision machined insert with tiny passages inside which can be disassembled for easy cleaning should the nozzle be clogged. Further protection against clogging can be achieved either by using an in-line filter, or with an optional VEF filter which fits into the back of the nozzle (see accessories catalogue CTG AC).

We offer two types of bodies, RX have a tapered thread and 80 spray angle and RZ have a straight thread and various spray angle values.

- Materials B1 AISI 303 Stainless steel (RX)
- B31 AISI 316L Stainless steel (RZ)
- T1 Brass (RX)

Capacities shown in the above table are given in liters per hour.

∠	Code	D mm	Capacity at different pressure values										lph bar
			1.5	2.0	3.0	4.0	5.0	6.0	10	15	20	50	
80°	RXT 0060 xx	0.50		2.94	3.60	4.16	4.65	5.09	6.57	8.05	9.30	14.7	
	RXT 0100 xx	0.50		4.90	6.00	6.93	7.75	8.49	11.0	13.4	15.5	24.5	
	RXT 0130 xx	0.70	5.52	6.37	7.80	9.01	10.1	11.0	14.2	17.4	20.1	31.8	
	RXT 0190 xx	0.70	8.06	9.31	11.4	13.2	14.7	16.1	20.8	25.5	29.4	46.5	
	RXT 0250 xx	1.00	10.6	12.2	15.0	17.3	19.4	21.2	27.4	33.5	38.7	61.2	
	RXT 0380 xx	1.00	16.1	18.6	22.8	26.3	29.4	32.2	41.6	51.0	58.9	93.1	
	RXT 0510 xx	1.50	21.6	25.0	30.6	35.3	39.5	43.3	55.9	68.4	79.0	125	
	RXT 0650 xx	1.60	27.6	31.8	39.0	45.0	50.3	55.2	71.2	87.2	101	159	
	RXT 0780 xx	1.90	33.1	38.2	46.8	54.0	60.4	66.2	85.4	105	121	191	
	RXT 0910 xx	1.90	38.6	44.6	54.6	63.0	70.5	77.2	99.7	122	141	223	
	RXT 1116 xx	1.90	49.2	56.8	69.6	80.4	89.9	98.4	127	156	180	284	
	RXT 1143 xx	1.90	60.7	70.1	85.8	99.1	111	121	157	192	222	350	
	RXT 1166 xx	2.20	70.4	81.3	99.6	115	129	141	182	223	257	407	

Capacities shown in the above table are given in liters per minute.

∠	Code	D mm	Capacity at different pressure values										lpm bar
			1.5	2.0	3.0	4.0	5.0	6.0	10	15	20	50	
60°	RZQ 0080 xx	0.45		0.07	0.08	0.09	0.10	0.11	0.15	0.18	0.21	0.33	
	RZQ 0120 xx	0.55		0.10	0.12	0.14	0.15	0.17	0.22	0.27	0.31	0.49	
	RZQ 0250 xx	0.80	0.18	0.20	0.25	0.29	0.32	0.35	0.46	0.56	0.65	1.02	
	RZQ 0390 xx	1.00	0.28	0.32	0.39	0.45	0.50	0.55	0.71	0.87	1.01	1.59	
	RZQ 0560 xx	1.20	0.40	0.46	0.56	0.65	0.72	0.79	1.02	1.25	1.45	2.29	
	RZQ 0780 xx	1.40	0.55	0.64	0.78	0.90	1.01	1.10	1.42	1.74	2.01	3.18	
	RZQ 1100 xx	1.60	0.71	0.82	1.00	1.15	1.29	1.41	1.83	2.24	2.58	4.08	
	RZQ 1140 xx	1.90	0.99	1.14	1.40	1.62	1.81	1.98	2.56	3.13	3.61	5.72	
	RZQ 1170 xx	2.10	1.20	1.39	1.70	1.96	2.19	2.40	3.10	3.80	4.39	6.94	
	RZQ 1200 xx	2.30	1.41	1.63	2.00	2.31	2.58	2.83	3.65	4.47	5.16	8.16	

Additional spray angles

RZ nozzles with orifice equal or larger than 1,0 mm can be produced with angles of 30°, 45°, 60° or 90°. The table beside shows the nozzle identifying codes for these spray angles.

Spray angle codes

RZF	RZM	RZQ	RZU
30°	45°	60°	90°



VEF