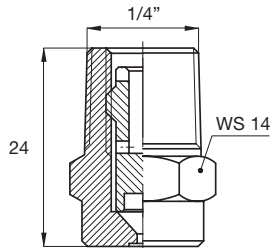


HOLLOW CONE NOZZLES

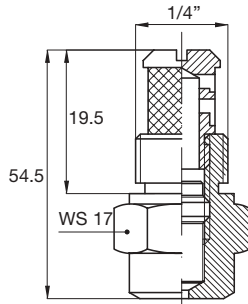
RX/RZ



RX



RZ



HYDRAULIC ATOMIZERS

Hydraulic atomizers are designed to deliver a very finely atomized hollow cone spray, even at low pressure values.

The nozzle contains a precisely machined insert with tiny passages, which can be disassembled for cleaning should the nozzle be clogged. Protection against clogging can be achieved either through a strainer on the main manifold, or by means of an optional individual filter VEF (see accessories catalogue CTG AC20).

We offer two types of bodies, RX with tapered thread and spray angle 80°, and RZ with straight thread and different spray angle values.

Materials	B1	AISI 303 Stainless steel	(RX)
	B3	AISI 316 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