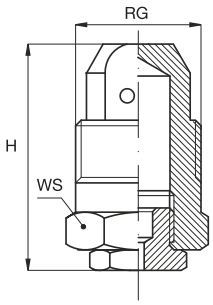
HOLLOW CONE NOZZLES

RB



IN LINE SPRAY / VANELESS

These nozzles produce a hollow cone spray pattern with fine droplets in line with the nozzle inlet connection.
The design, which is absent of an internal vane, offers wide unobstructed passages and minimizes the risk of clogging.
The above characteristics make these nozzles the ideal solution for dust suppression applications; such as are the requirements in the coal & mining industries.

Materials **B1** AISI 303 Stainless steel
T1 Brass

∠	Code	RG inch	D mm	D1 mm	Capacity at different pressure values lpm bar								Dimensions mm	
					0.5	0.7	1.0	2.0	3.0	5.0	7.0	10	H	WS
60°	RBQ 1160 xx	3/8	2.0	2.0	0.65	0.77	0.93	1.31	1.60	2.07	2.44	2.92	31	17
	RBQ 1230 xx		2.4	2.4	0.94	1.11	1.33	1.88	2.30	2.97	3.51	4.20		
	RBQ 1390 xx		3.3	2.9	1.59	1.88	2.25	3.18	3.90	5.03	5.96	7.12		
	RBQ 1630 xx		3.9	3.8	2.57	3.04	3.64	5.14	6.30	8.13	9.62	11.5		
	RBQ 1780 xx		4.4	4.0	3.18	3.77	4.50	6.37	7.80	10.1	11.9	14.2		
	RBQ 2110 xx		4.4	*4.0	4.49	5.31	6.35	8.98	11.0	14.2	16.8	20.1		
70°	RBS 1391 xx	1/2	3.3	3.2	1.59	1.88	2.25	3.18	3.90	5.03	5.96	7.12	37	22
	RBS 1631 xx		4.0	4.0	2.57	3.04	3.64	5.14	6.30	8.13	9.62	11.5		
	RBS 1781 xx		4.5	4.5	3.18	3.77	4.50	6.37	7.80	10.1	11.9	14.2		
	RBS 2117 xx		5.1	*4.4	4.82	5.70	6.81	9.63	11.8	15.2	18.0	21.5		
	RBS 2157 xx		6.1	*4.7	6.45	7.63	9.12	12.9	15.8	20.4	24.1	28.8		
	RBS 2196 xx		7.1	*5.2	7.96	9.42	11.3	15.9	19.5	25.2	29.8	35.6		
	RBS 1392 xx	3/4	3.3	3.3	1.59	1.88	2.25	3.18	3.90	5.03	5.96	7.12	43	32
	RBS 1632 xx		4.2	4.2	2.57	3.04	3.64	5.14	6.30	8.13	9.62	11.5		
	RBS 1782 xx		4.7	4.5	3.18	3.77	4.50	6.37	7.80	10.1	11.9	14.2		
	RBS 2118 xx		5.4	5.4	4.82	5.70	6.81	9.63	11.8	15.2	18.0	21.5		
	RBS 2158 xx		6.4	6.4	6.45	7.63	9.12	12.9	15.8	20.4	24.1	28.8		
	RBS 2197 xx		7.7	7.1	7.96	9.42	11.3	15.9	19.5	25.2	29.8	35.6		
	RBS 2390 xx		9.5	*7.1	15.9	18.8	22.5	31.8	39.0	50.3	59.6	71.2		
80°	RBT 2310 xx	1+1/2	10.0	*7.9	12.7	15.0	17.9	25.3	31.0	40.0	47.4	56.6	69	50
	RBT 2391 xx		9.5	*9.5	15.9	18.8	22.5	31.8	39.0	50.3	59.6	71.2		
	RBT 2470 xx		11.1	*9.5	19.2	22.7	27.1	38.4	47.0	60.7	71.8	85.8		
	RBT 2550 xx		12.7	*9.5	22.5	26.6	31.8	44.9	55.0	71.0	84.0	100		
	RBT 2630 xx		14.3	*9.5	25.7	30.4	36.4	51.4	63.0	81.3	96.2	115		
	RBT 2700 xx		15.0	*9.5	28.6	33.8	40.4	57.2	70.0	90.4	107	128		
	RBT 2780 xx		15.9	*9.5	31.8	37.7	45.0	63.7	78.0	101	119	142		
	RBT 2860 xx		17.1	*9.5	35.1	41.5	49.7	70.2	86.0	111	131	157		
	RBT 2940 xx		18.3	*9.5	38.4	45.4	54.3	76.8	94.0	121	144	172		

* *Double inlet orifice*