

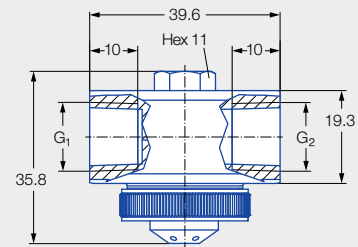
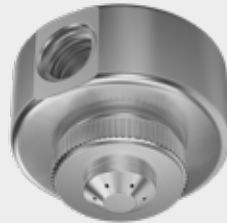
Pneumatic atomizing nozzles, full cone, pressure principle, internal mixing Series 136.2

Features:

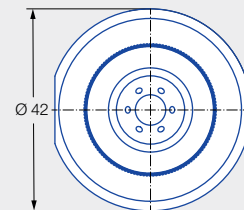
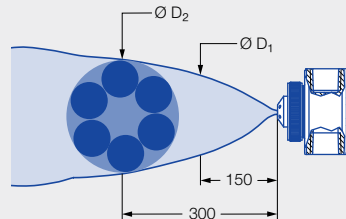
- Fine full cone atomization
- Liquid pressure principle
- Internal mixing
- Especially wide spray angle of 60°

Applications:

- Humidification of air
- Cooling



Series 136.2



Liquid connection G ₁	Air connection G ₂	Screw plug thread (size 11)	Weight [g] (Stainless steel 303)
1/4 BSPP	1/4 BSPP	5/16-24 UNF-2A	220

Spray angle	Ordering no.			Narrowest free cross section Ø [mm]	Liquid pressure p [bar]												Spray dimensions			
	Type	Mat. no.																		
		1Y	16		0.7			1.5			3.0			4.0						
		Stainless steel 316L	Stainless steel 303		p air [bar]	V̇ water [l/h]	V̇n air [m³/h]	p air [bar]	V̇ water [l/h]	V̇n air [m³/h]	p air [bar]	V̇ water [l/h]	V̇n air [m³/h]	p air [bar]	V̇ water [l/h]	V̇n air [m³/h]	p air [bar]	p water [bar]	Ø D ₁ [mm]	Ø D ₂ [mm]
60°	136.215.xx.A2	●	●	0.5	1.0	3.0	1.3	1.6	5.8	1.7	2.8	8.5	2.4	3.8	9.4	3.1	1.0	0.7	200	330
					1.2	1.8	1.5	1.8	4.9	1.9	3.2	7.2	2.8	4.2	8.2	3.5	1.6	1.5	230	380
					1.4	0.7	1.8	2.0	3.8	2.1	3.6	5.7	3.2	4.6	6.9	3.9	2.4	2.0	230	385
					–	–	–	2.2	2.8	2.3	4.0	4.0	3.6	5.0	5.4	4.2	3.2	3.0	245	390
					–	–	–	2.4	1.7	2.5	4.4	2.2	4.1	5.4	3.8	4.7	4.2	4.0	250	410
					–	–	–	2.6	0.8	2.8	4.8	0.8	4.5	5.8	2.3	5.2	–	–	–	–
					–	–	–	–	–	–	5.0	0.4	4.6	6.0	1.4	5.6	–	–	–	–
					–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	136.222.xx.A2	●	●	1.0	0.8	17.5	2.8	1.6	25.9	4.0	3.0	40.4	5.8	3.8	54.9	6.4	0.8	0.7	250	450
					1.0	6.0	4.3	1.8	14.7	5.3	3.2	31.5	6.9	4.0	45.6	7.3	1.6	1.5	245	465
					–	–	–	2.0	6.7	6.7	3.4	22.2	8.2	4.2	37.6	8.5	2.3	2.0	245	465
					–	–	–	2.2	1.9	8.1	3.6	14.6	9.5	4.4	29.6	9.7	3.2	3.0	250	465
					–	–	–	–	–	–	3.8	8.5	11.0	4.6	21.6	11.2	4.2	4.0	245	465
					–	–	–	–	–	–	4.0	4.5	12.3	4.8	15.3	12.4	–	–	–	–
					–	–	–	–	–	–	–	–	–	5.0	9.7	13.8	–	–	–	–
					–	–	–	–	–	–	–	–	–	5.2	6.0	15.2	–	–	–	–
	136.231.xx.A2	●	●	1.4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
					1.6	25.6	5.1	2.6	44.2	7.0	3.6	93.7	7.9	4.2	132.9	7.3	2.0	0.7	235	380
					2.0	17.8	6.2	3.0	33.0	8.2	4.0	78.3	9.3	4.6	117.2	9.0	2.6	1.5	245	415
					2.4	11.3	7.2	3.4	24.7	9.2	4.4	65.8	10.6	5.0	101.1	10.4	2.4	2.0	255	420
					2.8	6.9	8.1	3.8	18.1	10.2	4.8	54.9	11.9	5.4	87.9	11.8	3.6	3.0	255	425
					–	–	–	4.2	13.2	11.2	5.2	45.6	13.0	5.8	76.6	13.2	4.2	4.0	265	430
					–	–	–	4.6	9.3	12.0	5.6	38.0	14.1	6.0	71.2	13.8	–	–	–	–
					–	–	–	–	–	–	6.0	36.1	14.4	–	–	–	–	–	–	–

Ordering Type + Material no. = Ordering no.
 example: 136.215.xx.A2 + 1Y = 136.215.1Y.A2