

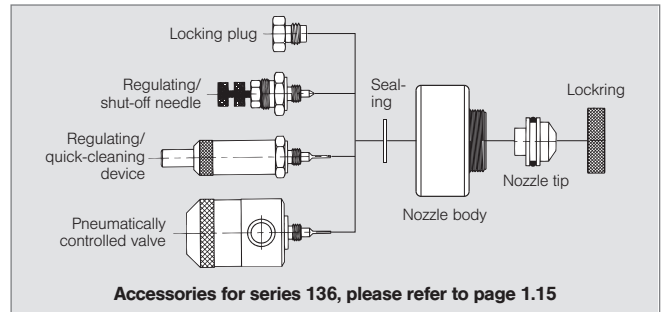
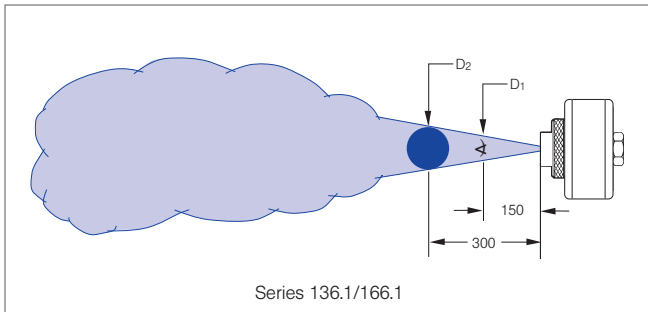
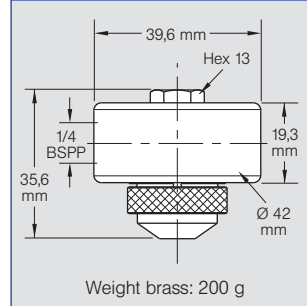


Pneumatic atomizing nozzles, Full cone, pressure principle, internal mixing Series 136.1/166.1



Fine full cone atomization and fogging with air or gas. Liquid pressure principle. Internal mixing of fluids.

Applications:
Humidification of air, cooling.



★ Spray angle	Ordering no.		E Ø [mm]	Liquid pressure p [bar]												Spray dimensions				
	Type	Mat.-no.		0,7			1,5			3,0			4,0			p Air [bar]	p Water [bar]	D ₁	D ₂	
		16 1.4305/303 SS		35 Brass plated	p Air [bar]	V̇ Water [l/h]	V̇ _n Air [m ³ /h]	p Air [bar]	V̇ Water [l/h]	V̇ _n Air [m ³ /h]	p Air [bar]	V̇ Water [l/h]	V̇ _n Air [m ³ /h]	p Air [bar]	V̇ Water [l/h]					V̇ _n Air [m ³ /h]
20°	136. 105. xx. 15 166. 105. xx. 15	○	○	0,50	0,80	3,60	0,60	1,50	5,10	0,80	2,80	7,00	1,20	4,30	6,10	1,90	0,80	0,70	40	50
					1,00	2,50	0,70	1,70	4,30	1,00	2,90	6,60	1,30	4,40	5,80	2,00	1,70	1,50	40	50
					1,10	2,00	0,80	1,80	3,80	1,00	3,00	6,30	1,30	4,60	5,00	2,10	2,50	2,00	40	60
					1,20	1,50	0,90	1,90	3,30	1,10	3,30	5,20	1,60	4,70	4,70	2,20	3,00	3,00	40	60
					-	-	-	-	-	-	3,40	4,90	1,60	4,80	4,40	2,30	4,30	4,00	40	60
					-	-	-	-	-	-	3,60	4,10	1,80	5,00	3,80	2,40	-	-	-	-
	136. 104. xx. 15 166. 104. xx. 15	○	○	0,50	0,70	5,30	1,20	1,40	7,30	1,80	2,90	9,20	3,00	4,30	9,50	4,20	0,80	0,70	40	50
					0,80	5,00	1,30	1,50	7,00	2,00	3,00	8,90	3,10	4,60	8,90	4,50	1,40	1,50	40	50
					1,00	4,40	1,50	1,70	6,40	2,10	3,20	8,50	3,30	4,80	8,60	4,70	2,30	2,00	40	60
					-	-	-	1,80	6,10	2,20	3,30	8,30	3,40	5,20	7,60	5,10	2,90	3,00	40	70
					-	-	-	1,90	5,80	2,30	3,40	8,10	3,50	5,50	7,10	5,40	4,30	4,00	40	80
					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	136. 104. xx. 14 166. 104. xx. 14	○	○	0,70	0,80	8,20	1,20	1,50	11,70	1,80	2,50	18,00	2,40	3,30	20,40	3,00	1,50	0,70	40	80
					1,10	5,50	1,60	1,80	9,60	2,10	2,80	16,20	2,80	3,60	18,90	3,30	2,30	1,50	40	80
					1,40	4,20	1,90	2,10	7,50	2,50	3,00	15,00	3,00	3,90	17,30	3,70	2,90	2,00	40	80
					1,50	3,90	2,00	2,30	6,60	2,70	3,30	13,10	3,30	4,10	16,20	3,90	3,30	3,00	40	80
					1,70	3,30	2,20	2,60	5,60	2,90	3,60	11,50	3,70	4,40	14,70	4,30	4,10	4,00	40	80
					1,80	3,00	2,30	2,80	4,90	3,10	3,90	9,80	4,00	4,70	13,20	4,60	-	-	-	-
	1,90	2,70	2,40	2,90	4,50	3,20	4,10	9,00	4,20	4,80	12,80	4,70	-	-	-	-				

E = narrowest free cross section (water)

Continued on next page.

Example for ordering: Type 136. 105. xx. 15 + Material no. (xx) 35 = Ordering no. 136. 105. 35. 15