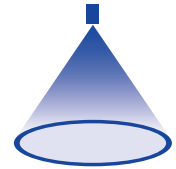


➤ Tangential-flow hollow cone nozzles

Series 304/306/307

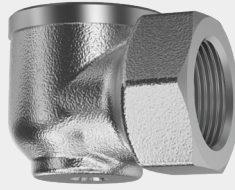


Features:

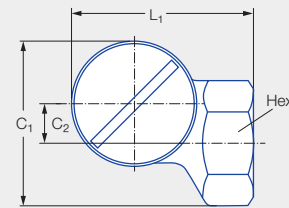
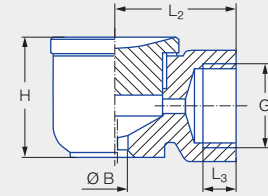
- Uniform atomization
- Non-clogging nozzle without swirl insert

Applications:

- Storage tank cooling
- Foam control
- Dust control
- Surface spraying
- Absorption



Series 304/306/307



Series	G	Dimensions [mm]							Weight [g] (Brass)
		C ₁	C ₂	H	L ₁	L ₂	L ₃	Hex	
304	1/2 BSPP	43.0	11.0	33.0	46.0	30.0	11.0	27	205.0
306/307	3/4 BSPP	54.0	13.0	43.0	60.0	40.0	13.0	36	410.0

Spray angle	Ordering no.		Bore diameter B [mm]	Narrowest free cross section Ø [mm]	G ISO 228	V̇ water [l/min]							Spray diameter D [mm] (at p = 2 bar)		
	Type	Mat. no.				p [bar]							H = 250 [mm]	H = 500 [mm]	
		1Y				30	0.5	1.0	2.0	3.0	5.0	7.0			10.0
90°	304.706	●	●	5.10	5.10	1/2	2.80	3.96	5.60	6.86	8.85	10.48	12.52	500	1,000
	304.796	●	●	8.90	6.00	1/2	4.75	6.72	9.50	11.64	15.02	17.77	21.24	500	1,000
	306.906	●	●	9.00	9.00	3/4	9.00	12.73	18.00	22.05	28.46	33.67	40.25	550	1,050
	306.976	●	●	13.50	10.00	3/4	13.25	18.74	26.50	32.46	41.90	49.58	59.26	550	1,050
130°	304.818		●	12.00	5.00	1/2	5.30	7.50	10.60	12.98	16.76	19.83	23.70	1,200	2,100
	304.898	●	●	12.00	7.00	1/2	8.50	12.02	17.00	20.82	26.88	31.80	38.01	1,250	2,200
	306.978		●	19.00	7.30	3/4	13.25	18.74	26.50	32.46	41.90	49.58	59.26	1,300	2,350
	307.018	●	●	19.00	8.60	3/4	16.75	23.69	33.50	41.03	52.97	62.67	74.91	1,300	2,350

Conversion formula for this series: $\dot{V}_2 = \dot{V}_1 \cdot \sqrt{\frac{P_2}{P_1}}$

Ordering Type + Material no. = Ordering no.
example: 304.706 + 1Y = 307.706.1Y

Assembly accessories can be found in Chapter 9 "Accessories".