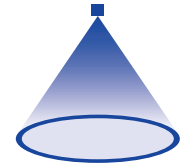


➤ Axial-flow hollow cone nozzles

Series 226



Features:

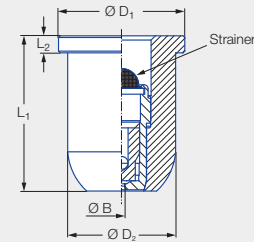
- Extremely fine, fog-like atomization
- Assembly with retaining nut

Applications:

- Humidification
- Cooling
- Disinfection
- Chemical engineering
- Adiabatic cooling



Series 226



Connection	Dimensions [in]				Weight [lb]
	L ₁	L ₂	Ø D ₁	Ø D ₂	
Assembly with retaining nut 3/8 BSPP	0.71	0.08	0.58	0.50	0.04

Spray angle	Ordering number		Bore diameter B [in]	Narrowest free cross section Ø [in]	Strainer insert mesh size [in]	V̇ water [gal/min]										Spray diameter D [in] (at p = 75 psi)
	Type	Mat. no.				p [psi]										
		16				30	45	75	Liters per min. 5 bar	100	145	290	725	1450	H = 10 [in]	
60°	Stainless steel 303	226.004	●	0.004	0.004	0.002	–	–	0.003	0.013	0.004	0.005	0.007	0.011	0.015	5
		226.014	●	0.006	0.006	0.002	–	0.004	0.005	0.019	0.006	0.007	0.010	0.016	0.022	6
		226.054	●	0.008	0.006	0.002	0.005	0.006	0.007	0.027	0.008	0.010	0.014	0.023	0.032	6
80°	Stainless steel 303	226.085	●	0.010	0.010	0.004	0.007	0.008	0.011	0.040	0.012	0.015	0.021	0.033	0.047	7
		226.125	●	0.014	0.014	0.004	0.011	0.013	0.017	0.062	0.019	0.023	0.033	0.052	0.073	9
		226.145	●	0.016	0.016	0.004	0.014	0.017	0.022	0.082	0.025	0.031	0.043	0.068	0.097	10
		226.165	●	0.018	0.018	0.004	0.018	0.021	0.028	0.103	0.032	0.038	0.054	0.086	0.122	10
		226.185	●	0.022	0.014	0.008	0.022	0.027	0.035	0.130	0.040	0.049	0.069	0.109	0.154	11
		226.205	●	0.024	0.014	0.008	0.028	0.034	0.044	0.168	0.053	0.063	0.089	0.140	0.198	11
		226.245	●	0.028	0.020	0.008	0.044	0.054	0.070	0.261	0.081	0.097	0.138	0.218	0.308	11
226.285	●	0.035	0.022	0.008	0.066	0.081	0.105	0.390	0.121	0.146	0.206	0.326	0.461	12		

Mat. no.	Housing	Nozzle insert	Strainer
16	Stainless steel 303	Stainless steel 430F	Stainless steel 316L

The supplied and integrated strainer insert prevents clogging of the nozzle, thereby ensuring a long service life.

Conversion formula for this series: $\dot{V}_2 = \dot{V}_1 \cdot \sqrt{\frac{p_2}{p_1}}$

Ordering example: Type 226.004 + Material no. 16 = Ordering no. 226.004.16



Assembly accessories can be found in Chapter 12 "Accessories".