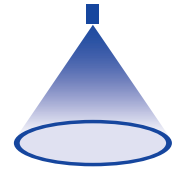


# ➤ Axial-flow hollow cone nozzles Series 226

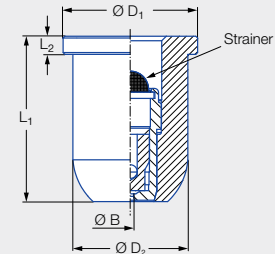


### Features:

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

### Applications:

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



Series 226

Code	Dimensions [mm]				Weight [g]
	L <sub>1</sub>	L <sub>2</sub>	Ø D <sub>1</sub>	Ø D <sub>2</sub>	
Assembly with retaining nut 3/8 BSPP	18.00	2.00	14.80	12.65	20.00

Spray angle	Ordering no.		Bore diameter B [mm]	Narrowest free cross section Ø [mm]	Strainer insert mesh size [mm]	V̇ water [l/min]								Spray diameter D [mm] (at p = 5 bar)
	Type	Mat. no.				p [bar]								
		16				2.0	3.0	5.0	7.0	10.0	20.0	50.0	100.0	
60°	226.004	●	0.10	0.10	0.04	–	–	<b>0.013</b>	0.015	0.018	0.026	0.041	0.058	120
	226.014	●	0.15	0.15	0.04	–	0.015	<b>0.019</b>	0.022	0.027	0.038	0.060	0.085	140
	226.054	●	0.20	0.15	0.04	0.017	0.021	<b>0.027</b>	0.032	0.038	0.054	0.085	0.121	160
80°	226.085	●	0.25	0.25	0.10	0.025	0.031	<b>0.040</b>	0.047	0.057	0.080	0.126	0.179	190
	226.125	●	0.35	0.35	0.10	0.039	0.048	<b>0.062</b>	0.073	0.088	0.124	0.196	0.277	230
	226.145	●	0.40	0.40	0.10	0.052	0.064	<b>0.082</b>	0.097	0.116	0.164	0.259	0.367	250
	226.165	●	0.45	0.45	0.10	0.065	0.080	<b>0.103</b>	0.122	0.146	0.206	0.326	0.461	260
	226.185	●	0.55	0.35	0.20	0.082	0.101	<b>0.130</b>	0.154	0.184	0.260	0.411	0.581	270
	226.205	●	0.60	0.35	0.20	0.106	0.130	<b>0.168</b>	0.199	0.238	0.336	0.531	0.751	280
	226.245	●	0.70	0.50	0.20	0.165	0.202	<b>0.261</b>	0.309	0.369	0.522	0.825	1.167	290
226.285	●	0.90	0.55	0.20	0.247	0.302	<b>0.390</b>	0.461	0.552	0.780	1.233	1.744	300	

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

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