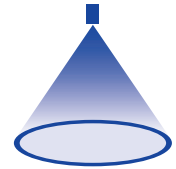


# ➤ Axial-flow hollow cone nozzles Series 226

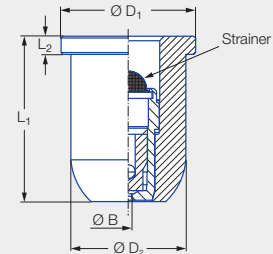


## Features:

- 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		H = 250 [mm]
60°	Stainless steel 303	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°	Stainless steel 303	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".