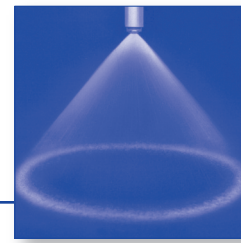


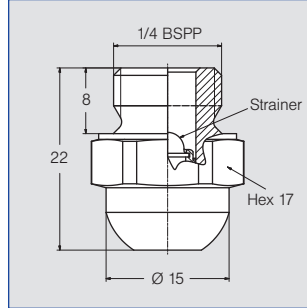


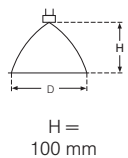
# Axial-flow hollow cone nozzles

## Series 220



**Extremely fine, fog-like hollow cone spray.**  
Applications: Disinfection, humidification, cooling.



Spray angle	Ordering no.				B Ø [mm]	E Ø [mm]	Mesh size [mm]	$\dot{V}$ [l/min]								Spray diameter D at p=5 bar  H = 100 mm
	Type	Mat. no.		Code				p [bar]								
		11 430F SS*	1Y 316L SS*													
60°	220.004	○	○	AC	0.10	0.10	0.04	-	-	0.013	0.015	0.018	0.026	0.041	0.058	100
	220.014	○	○	AC	0.15	0.15	0.04	-	0.015	0.019	0.022	0.027	0.038	0.060	0.085	100
	220.054	○	○	AC	0.20	0.15	0.04	0.017	0.021	0.027	0.032	0.038	0.054	0.085	0.121	100
80°	220.085	○	○	AC	0.25	0.25	0.10	0.025	0.031	0.040	0.047	0.057	0.080	0.126	0.179	140
	220.125	○	○	AC	0.35	0.35	0.10	0.039	0.048	0.062	0.073	0.088	0.124	0.196	0.277	140
	220.145	○	○	AC	0.40	0.40	0.10	0.052	0.064	0.082	0.097	0.116	0.164	0.259	0.367	140
	220.165	○	○	AC	0.45	0.45	0.10	0.065	0.080	0.103	0.122	0.146	0.206	0.326	0.461	140
	220.185	○	○	AC	0.55	0.35	0.20	0.082	0.101	0.130	0.154	0.184	0.260	0.411	0.581	140
	220.205	○	○	AC	0.60	0.35	0.20	0.106	0.130	0.168	0.199	0.238	0.336	0.531	0.751	140
	220.245	○	○	AC	0.70	0.50	0.20	0.165	0.202	0.261	0.309	0.369	0.522	0.825	1.167	140
	220.285	○	○	AC	0.90	0.55	0.20	0.247	0.302	0.390	0.461	0.552	0.780	1.233	1.744	140

B = bore diameter · E = narrowest free cross section

**The integrated strainer avoids clogging of the nozzle and increases its service life.**

**Example for ordering:** Type 220.004 + Material-No. 11 + Code AC = Ordering no. 220.004.11.AC

### \* Materials

The folded page at the end of the catalogue will give you a survey on the various assembly possibilities. For complete assembly accessories, please refer to »Accessories«.

Mat. no	Housing	Nozzle insert	Strainer
11	430F SS	430F SS	316L SS
1Y	316L SS	316L SS	316L SS

Conversion formula for the above series:  $\dot{V}_2 = \dot{V}_1 * \sqrt{\frac{p_2}{p_1}}$

