



Twin-fluid nozzles Series 150

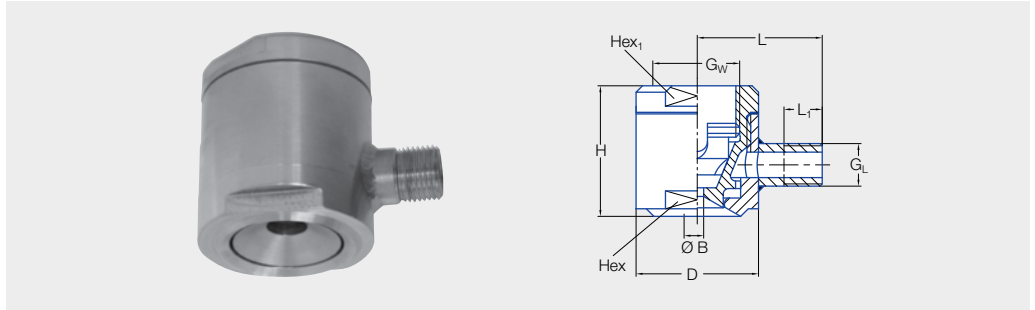


Fine liquid atomization by means of air or vapor.

- Liquid, air or vapor are supplied under pressure
- The air or vapor pressure must always be higher than liquid pressure
- A higher air-/water ratio leads to finer atomization

Applications:

Chemical process engineering, cooling processes, atomizing viscous liquids.



Type	G _w BSPP	G _L BSPP	H [in]	D [in]	L [in]	L ₁ [in]	Hex [in]	Hex ₁ [in]	Weight 316Ti SS
150.005.17 – 150.013.17	G 3/8	G 1/4 A	1.5	1.10	1.28	.39	.94	.94	.31 lbs
150.032.17	G 1	G 3/8 A	2.05	1.89	1.93	.59	1.61	1.61	1.10 lbs
150.050.17 – 150.063.17	G 1 1/4	G 1/2 A	2.95	2.56	2.28	.59	2.17	2.17	2.98 lbs

Spray angle △	Ordering no.		Orifice diam. (in.)	Ø B (in.)	Flow Rate (Gallons Per Minute) at Pressure (psi)						Flow Rate (ft ³ /hr) at Air Pressure (psi)			
	Type	Mat. no. 316 SS 17 ¹			5.0	7.5	10.0	14.5	22.0	29.0	14.5	29.0	43.5	58.0
20°-30°	150.005	○	.04	.04	.04	.05	.06	.07	.09	.11	353	530	706	883
	150.007	○	.08	.08	.11	.13	.15	.19	.23	.26	353	530	706	883
	150.009	○	.16	.08	.27	.34	.39	.47	.58	.66	353	530	706	883
	150.010	○	.14	.08	.44	.54	.62	.75	.92	1.06	353	530	706	883
	150.013	○	.24	.08	.88	1.07	1.24	1.50	1.84	2.11	353	530	706	883
	150.032	○	.31	.11	.88	1.07	1.24	1.50	1.84	2.11	1095	1660	2225	2825
	150.050	○	.35	.19	1.76	2.15	2.48	2.99	3.68	4.23	2119	3178	4238	5297
	150.052	○	.35	019	3.46	4.23	4.89	5.88	7.25	8.32	2119	3178	4238	5297
	150.063	○	.59	019	6.91	8.46	9.77	11.77	14.50	16.64	3531	5297	7063	8829

¹We reserve the right to deliver AISI 316 or 316 Ti under the material no. 17.

Example for ordering:	Type	+	Material no.	=	Ordering no.
	150.005	+	17	=	150.005.17