



Flat jet slotted nozzle tips for air or saturated steam

Series 679

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The flat jet nozzle tips of the 679 series are characterized by their wide, powerful air jet. Due to the special nozzle design, the jet angle is approx. 70° – 90°. Mounting with a retaining nut allows for an easy installation and alignment of the nozzles.



Materials
Stainless steel
316Ti SS,
Brass



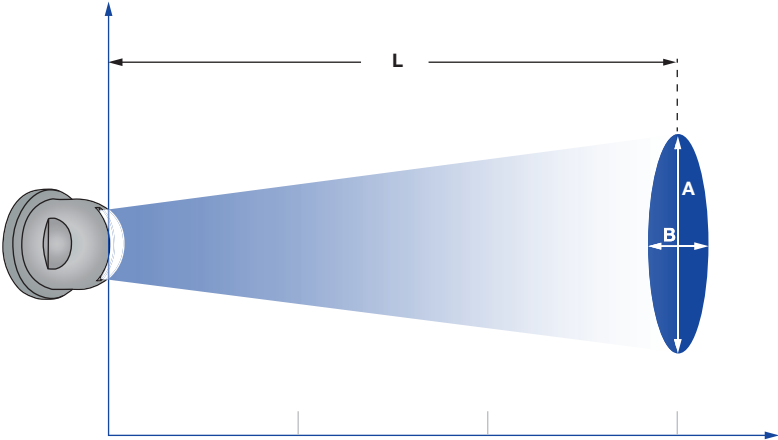
Noise level
67-92 db(A) at 2 bar



Air consumption
see table



Pressure
 $p_{max}=10$ bar

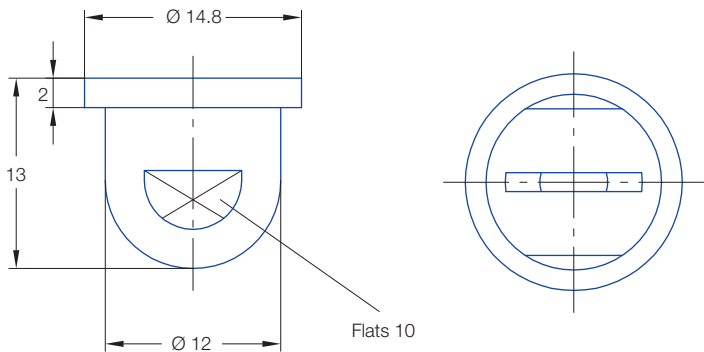


Jet pattern of 679 nozzle series

Pressure:		1 bar	3 bar	5 bar
679.037	Distance L [mm]:	50	100	150
	A [mm]:	110	260	380
	B [mm]:	25	35	45
679.117	Distance L [mm]:	50	125	150
	A [mm]:	100	250	310
	B [mm]:	25	30	35
679.255	Distance L [mm]:	375	500	500
	A [mm]:	90	190	280
	B [mm]:	90	90	90

Pressure:		1 bar	3 bar	5 bar
679.415	Distance L [mm]:	675	900	900
	A [mm]:	160	300	460
	B [mm]:	215	215	215
679.495	Distance L [mm]:	900	900	900
	A [mm]:	200	425	510
	B [mm]:	230	230	230





Spray angle 	Ordering no.			A Ø [mm]	Ṃ _a Air [m³/h]				Ṃ Saturated steam [kg/h]			
	Type	Mat. no.										
		17	30		p [bar]				p [bar]			
		316Ti SS	Brass									
					0.5	2.0	5.0	10.0	0.5	2.0	5.0	10.0
approx. 70°–90°	679.037	-	○	1.2	1.50	3.00	6.00	11.00	1.20	2.30	4.60	8.30
	679.085	○	○	1.3	2.00	4.00	8.00	14.70	1.60	3.10	6.10	11.10
	679.117	○	○	1.5	2.10	4.20	8.40	15.40	1.70	3.30	6.50	11.70
	679.165	○	○	1.8	2.60	5.10	10.30	18.80	2.00	4.10	8.00	14.30
	679.255	○	○	2.1	3.60	7.30	14.50	26.60	2.80	5.70	11.20	20.20
	679.365	○	○	2.8	6.30	12.70	25.40	46.50	5.00	10.00	19.60	35.30
	679.415	○	○	3.6	10.20	20.30	40.70	74.60	8.00	16.00	31.40	56.70
	679.495	○	○	4.3	15.60	31.10	62.20	114.00	12.40	24.80	48.50	87.60

A = Equivalent bore diameter

Example of ordering:	Type	+	Mat. no.	=	Ordering no.
	679.037.	+	30	=	679.037.30.00