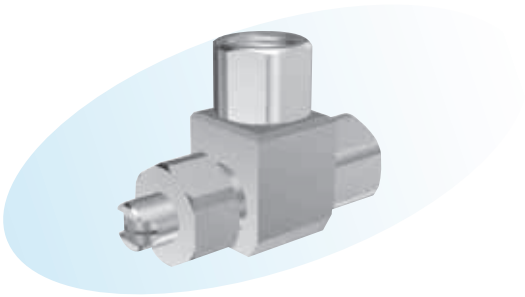
Mini Mist Nozzle Internal mixing type





Features

- Flow rate is controllable from very small to relatively large.
- Compact design for connecting in a limited space.
- Wide spray angle.
- Fine droplet.
- Simple structure minimizes clogging, and easy cleaning.

Applications

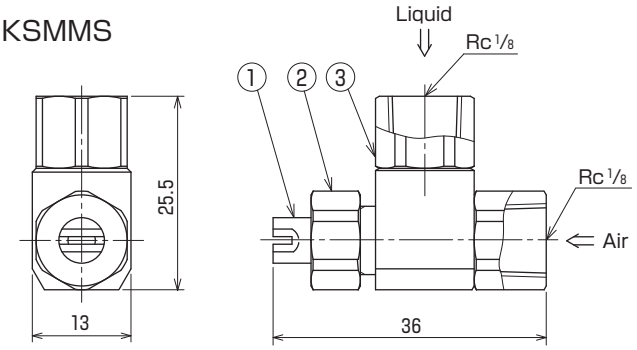
- Flower cultivation, fountains, cooling of gases.
- Spraying of chemicals, deodorization, humidification, etc.

Materials

- 303 Stainless steel

Shapes and dimensions

● KSMMS



No.	Part name
1	Nozzle tip
2	Cap
3	Mixing body

Weight [g]	35

＊NPT thread is also available.

●Model and Model Number representing

K S M M S 015115 – A11W035

- 015115: Model number
- A11W035: Model number of mixing body

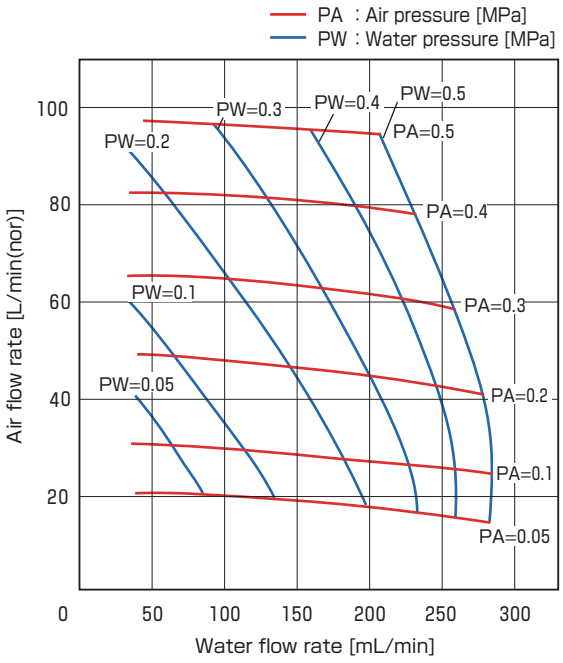
● Standard type model number list

Model	Model number	Model number of mixing body	Min. orifice diameter for liquid [mm]	Air pressure [MPa]	Water flow rate [mL/min] and air flow rate [L/min(nor)] at following water pressure [MPa]								Spray width [mm] at following water pressure [MPa] (Spray distance : 500 mm)		
					0.2		0.3		0.4		0.5				
					Water	Air	Water	Air	Water	Air	Water	Air	0.2	0.3	0.4
KSMMS	015115	A11W035	0.35	0.1	84	16	107	15	121	15	129	15	800	800	900
				0.2	68	27	94	26	112	25	125	25	700	800	900
				0.3	50	36	79	35	100	34	117	33	600	800	900
				0.4	27	46	60	45	85	44	104	43	600	700	900
				0.5	–	–	41	54	71	53	92	52	–	700	900
	027115	A15W05	0.5	0.1	182	28	228	27	258	26	284	25	800	900	900
				0.2	146	47	200	45	248	43	280	41	800	800	900
				0.3	102	65	168	63	222	61	259	59	700	800	900
				0.4	58	83	127	82	189	80	232	78	600	800	900
				0.5	–	–	92	97	158	96	207	95	–	800	900
	040115	A18W06	0.6	0.1	256	43	315	41	357	40	390	38	800	900	900
				0.2	220	69	290	66	350	64	388	62	800	900	900
				0.3	176	97	252	96	318	95	372	93	700	800	900
				0.4	132	123	213	123	283	121	345	119	600	800	900
				0.5	89	149	176	146	249	146	313	145	600	800	900

Performance data

Characteristic curves

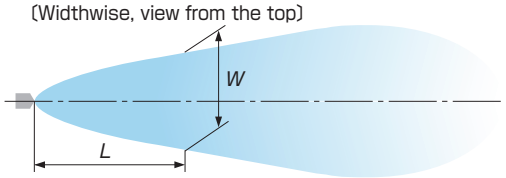
Nozzle model number KSMMS 027115 – A15W05



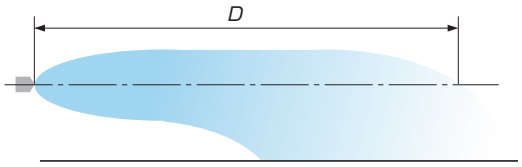
Spray patterns

Nozzle model number KSMMS 027115 – A15W05

(Widthwise, view from the top)



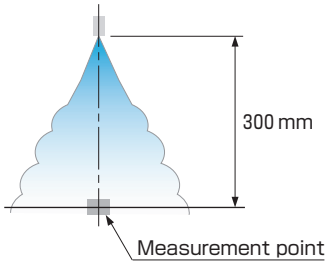
(Thicknesswise, view from the side)

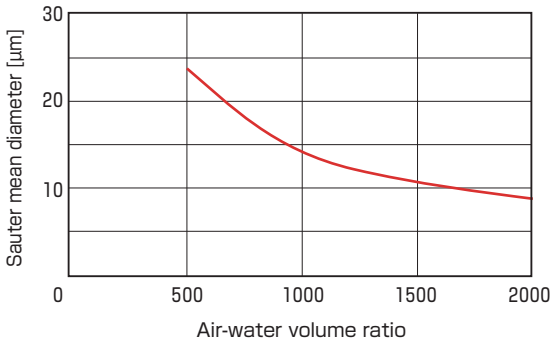


Air pressure [MPa]	Water pressure [MPa]	Air flow rate [L/min (nor)]	Water flow rate [mL/min]	Air-water volume ratio	Spray pattern value [mm]		
					D	L	W
0.2	0.1	49	64	766	2500	500	450
						1000	600
						2000	700
0.3	0.2	65	102	637	3000	500	700
						1000	1000
						2000	1300

Particle size characteristic

Nozzle model number KSMMS 027115 – A15W05
Water flow rate 50 mL/min





Particle size and velocity distribution

Nozzle model number KSMMS 027115 – A15W05
Air flow rate 75 L/min (nor)
Water flow rate 50 mL/min
Air-water volume ratio 1500

