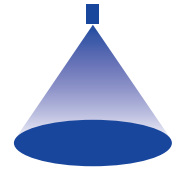


# Deflector-plate nozzles

## Series 524/525

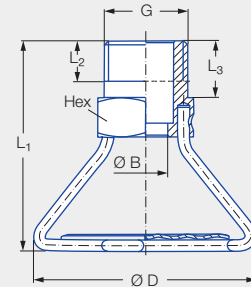


### Features:

- Full cone atomization
- Large impact area
- Non-clogging

### Applications:

- Fire fighting
- Sprinkling
- Dust suppression



Series 524/525

G	Dimensions [mm]					Weight [g] (brass)
	L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	Ø D	Hex	
1/2 BSPP	53.5	11.0	14.5	56.0	24	68.0

Spray angle	Ordering no.			Bore diameter B [mm]	V̇ water [l/min]						Spray diameter D [mm] (at p = 2 bar)	
	Type	Mat. no.			p [bar]						H = 1,000 [mm]	H = 3,000 [mm]
		17 <sup>1</sup>	30		0.5	1.0	2.0	3.0	5.0	10.0		
180°	524.809	●	●	4.00	5.00	7.07	10.00	12.25	15.81	22.36	3,800	4,300
	525.049	●	●	8.00	20.00	28.28	40.00	48.99	63.25	89.44	10,000	11,500
	525.109	●	●	9.30	28.00	39.60	56.00	89.59	88.54	125.22	10,500	12,750
	525.169	●	●	10.90	40.00	56.57	80.00	97.98	126.49	178.89	10,500	14,500
	525.229	●	●	12.20	56.00	79.20	112.00	137.17	177.09	250.44	7,500	11,500
	525.269	●	●	12.30	70.00	98.99	140.00	171.46	221.36	313.05	7,000	12,000

<sup>1</sup> We reserve the right to supply material 316Ti or 316L under material no. 17.

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: 524.809 + 17 = 524.809.17

Assembly accessories can be found in Chapter 9 "Accessories".