

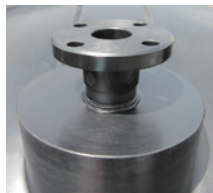
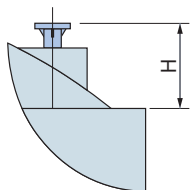
# Nozzle mounting standard dimensions

\* Mounted at preferred position when welding.

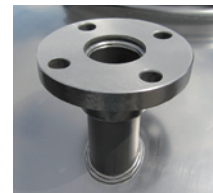
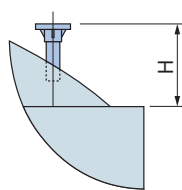
## SP-type/SL-type ceiling nozzle mounting standard dimensions

**Welding nozzle (PE)** PE flange component is welded.

● When using ceiling nozzle mount



● When not using ceiling nozzle mount



Diameter  
15A  
20A  
25A  
40A  
50A  
65A  
80A  
100A

15A to 100A (Unit: mm)

Diameter	Capacity(L)		Capacity (L)	
	SP-type 300	H	SL-type 4,000	H
15A	≒ 135		≒ 250	
20A	≒ 145		≒ 255	
25A	≒ 155		≒ 330	
40A	1,000	No nozzle mount		
50A	1,500			
65A	2,000			
80A	3,000			
100A	4,000			
	5,000	≒ 265		
	6,000	≒ 275		
	8,000	≒ 330		
	10,000	≒ 260		
	15,000	≒ 250		
	20,000	≒ 310		
	30,000	≒ 320		
		≒ 360		

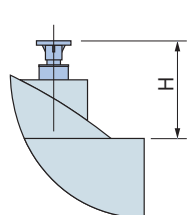
(Unit: mm)

Capacity(L)	H		Capacity(L)	H	
	15A to 20A	25A to 100A		15A to 20A	25A to 100A
SP-type 300			SL-type 4,000	≒ 135	≒ 205
500	≒ 115		6,000	≒ 130	≒ 200
800	≒ 120	≒ 190	10,000	≒ 205	≒ 275
1,000	≒ 100	≒ 170			
1,500	≒ 200	≒ 270			
2,000	≒ 220	≒ 290			
3,000	≒ 260	≒ 330			
4,000	≒ 190	≒ 260			
5,000	≒ 190	≒ 260			
6,000	≒ 205	≒ 275			
8,000	≒ 175	≒ 245			
10,000	≒ 180	≒ 250			
15,000	≒ 220	≒ 290			
20,000	≒ 245	≒ 310			
30,000	≒ 225	≒ 295			

Please contact us for the dimensions of this mark

**100A socket nozzle welding (PE)** PE inner thread 100A socket is welded and reducer (PVC flange component) is screwed in.

● When using ceiling nozzle mount

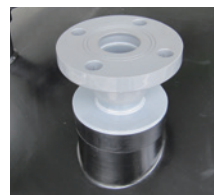
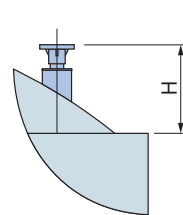


15A to 100A (Unit: mm)

Capacity(L)	Capacity (L)		Capacity (L)	H
	SP-type 300	H		
SP-type 300	≒ 190		≒ 305	
500	≒ 200		≒ 310	
800	≒ 210		≒ 330	
1,000	No nozzle mount			
1,500				
2,000				
3,000				
4,000				
5,000	≒ 320			
6,000	≒ 330			
8,000	≒ 385			
10,000	≒ 315			
15,000	≒ 305			
20,000	≒ 365			
30,000	≒ 375			
	≒ 415			

Diameter 100 × 15A 100 × 20A 100 × 25A  
100 × 30A 100 × 40A 100 × 50A  
100 × 65A 100 × 80A 100 × 100A

● When not using ceiling nozzle mount



15A to 100A (Unit: mm)

Capacity(L)	H
SP-type 300	
500	
800	
1,000	≒ 195
1,500	≒ 295
2,000	≒ 315
3,000	≒ 355
4,000	≒ 285
5,000	≒ 285
6,000	≒ 300
8,000	≒ 270
10,000	≒ 275
15,000	≒ 315
20,000	≒ 340
30,000	≒ 320
SL-type 4,000	≒ 230
6,000	≒ 225
10,000	≒ 300

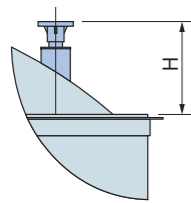
Diameter  
100 × 15A 100 × 20A  
100 × 25A 100 × 30A  
100 × 40A 100 × 50A  
100 × 65A 100 × 80A  
100 × 100A

Please contact us for the dimensions of this mark

\* Dimensions and weight given in this catalog are subject to change without notice in order to improve performance. For the latest information, see our website.

### A-type ceiling nozzle mounting standard dimensions

● 100A socket nozzle welding

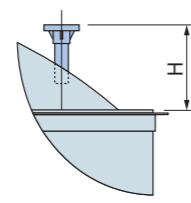


(Unit: mm)

Capacity (L)	H
200	≅ 255
300	≅ 245
500	≅ 250
4,000	≅ 285
5,000	≅ 285
6,000	≅ 300
8,000	≅ 310
10,000	≅ 300
15,000	≅ 310
20,000	≅ 325
30,000	≅ 320
40,000	≅ 375
50,000	≅ 340

Diameter  
 100×15A 100×20A  
 100×25A 100×30A  
 100×40A 100×50A  
 100×65A 100×80A  
 100×100A

● Welding nozzle

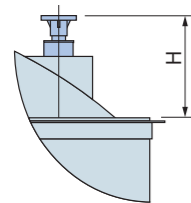


(Unit: mm)

Capacity (L)	H	
	15A ~ 20A	25A ~ 100A
200	≅ 160	≅ 230
300	≅ 150	≅ 220
500	≅ 155	≅ 225
4,000	≅ 190	≅ 260
5,000	≅ 190	≅ 260
6,000	≅ 205	≅ 275
8,000	≅ 215	≅ 285
10,000	≅ 205	≅ 275
15,000	≅ 215	≅ 285
20,000	≅ 230	≅ 300
30,000	≅ 225	≅ 295
40,000	≅ 280	≅ 350
50,000	≅ 245	≅ 315

Diameter  
 15A 20A 25A  
 40A 50A 65A  
 80A 100A

● When welding 100A socket nozzle and using ceiling nozzle mount

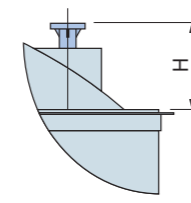


(Unit: mm)

Capacity (L)	H
200	—
300	—
500	—
4,000	≅ 320
5,000	≅ 330
6,000	≅ 385
8,000	≅ 395
10,000	≅ 365
15,000	≅ 395
20,000	≅ 350
30,000	≅ 415
40,000	≅ 405
50,000	≅ 415

Diameter  
 100×15A 100×20A  
 100×25A 100×30A  
 100×40A 100×50A  
 100×65A 100×80A  
 100×100A

● When using Welding nozzle and ceiling nozzle mount



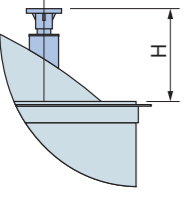
(Unit: mm)

Capacity (L)	H
200	—
300	—
500	—
4,000	≅ 265
5,000	≅ 275
6,000	≅ 330
8,000	≅ 340
10,000	≅ 310
15,000	≅ 340
20,000	≅ 295
30,000	≅ 360
40,000	≅ 350
50,000	≅ 360

Diameter  
 15A 20A 25A  
 40A 50A 65A  
 80A 100A

### AT-type ceiling nozzle mounting standard dimensions

● 100A socket nozzle welding

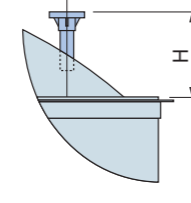


(Unit: mm)

Capacity (L)	H
300	≅ 220
500	≅ 230
1,000	≅ 225
2,000	≅ 255
3,000	≅ 295
4,000	≅ 290
5,000	≅ 290
6,000	≅ 275
10,000	≅ 270
20,000	≅ 325
30,000	≅ 355

Diameter  
 100×15A 100×20A  
 100×25A 100×30A  
 100×40A 100×50A  
 100×65A 100×80A  
 100×100A

● When using welding nozzle and ceiling nozzle mount



(Unit: mm)

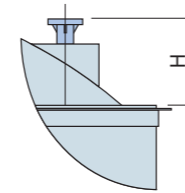
Capacity (L)	H	
	15A ~ 20A	25A ~ 100A
300	≅ 125	≅ 195
500	≅ 135	≅ 205
1,000	≅ 130	≅ 200
2,000	≅ 160	≅ 230
3,000	≅ 200	≅ 270
4,000	≅ 195	≅ 265
5,000	≅ 200	≅ 270
6,000	≅ 180	≅ 250
10,000	≅ 175	≅ 245
20,000	≅ 230	≅ 300
30,000	≅ 260	≅ 330

Diameter  
 15A 20A 25A  
 40A 50A 65A  
 80A 100A

### Ceiling heat fusion nozzle dimensions

Heat fusion mounting grants superior strength to welding.

- Excellent airtightness.
- Heat fusion mounting on ceiling nozzle mount only.



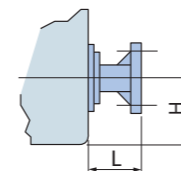
(Unit: mm)

Capacity (L)	H		Capacity (L)	H	
	15A ~ 100A	125A ~ 150A		15A ~ 100A	125A ~ 150A
SP-type 4,000	≅ 265	≅ 325	A-type 4,000	≅ 265	≅ 325
5,000	≅ 275	≅ 335	5,000	≅ 275	≅ 335
6,000	≅ 330	≅ 390	6,000	≅ 330	≅ 390
8,000	≅ 260	≅ 320	8,000	≅ 340	≅ 400
10,000	≅ 250	≅ 310	10,000	≅ 310	≅ 370
15,000	≅ 310	≅ 370	15,000	≅ 340	≅ 400
20,000	≅ 320	≅ 380	20,000	≅ 295	≅ 355
30,000	≅ 360	≅ 420	30,000	≅ 360	≅ 420
SL-type 4,000	≅ 250	≅ 310	40,000	≅ 350	≅ 410
6,000	≅ 255	≅ 315	50,000	≅ 360	≅ 420
10,000	≅ 330	≅ 390			

### Heat fusion nozzle dimensions

Heat fusion unites tank and nozzle by heating tank and nozzle joint parts until they melt and then pressing contact surfaces together.

- More than 25 years experience (as of 2020)
- Maintenance including gasket changes simplified.
- Supports up to 300A.
- Side manhole (P7, 15) use same method of Heat fusion (starting 2000).



Caution

- Read the DAILITE Tank Instruction Manual.

(Unit: mm)

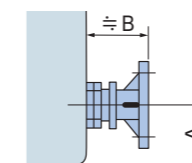
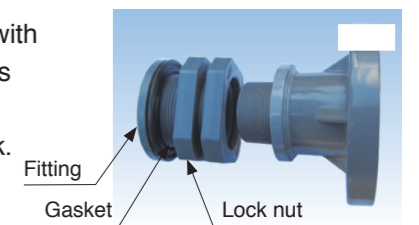
	15A	20A	25A	40A	50A	65A	80A	100A	125A	150A	200A	250A	300A
L	90	90	90	95	95	95	100	100	150	150	140	150	150
H (no frame)	120	120	120	120	120	140	160	160	200	200	300	370	370
H (with frame)	130	130	140	150	160	180	190	200	240	240	300	370	370

\*1 In case heat fusion nozzle at same position of anchor mount of SP-type (4,000L or over), different figures to be applied.  
 \*2 SP-type 30,000L to be applied to H(with frame) of the above table even though SP-30,000L has no reinforcing frame.

### Fitting + Flanged nozzle on side lowest part (with standard frame) mounting dimensions

Fittings are mounted after opening a hole in the tank, moving the fitting head (with gasket) out from inside the tank and tightening with a lock nut. Flanged nozzles are screwed into the interior thread of the fitting (P7).

- This nozzle mounting method is applicable to various kinds of materials of tank.
- No special tools needed.
- This nozzle mounting method is quite suitable to thin-walled tanks.



\* For agitator and custom frames, the above dimensions do not apply.  
 \* Approximate B dimensions are based on tank wall thickness of 10mm.

(Unit: mm)

Capacity(L)	With reinforced frame															
	200	300	500	1,000	1,500	2,000	3,000	4,000	5,000	6,000	8,000	10,000	15,000	20,000	30,000 to 50,000	≅ B
15A	70	70	100	110	120	120	130	150	85							
20A	70	70	100	110	120	120	130	150	85							
25A	80	80	100	110	120	120	130	140	160	110						
40A	90	90	110	120	130	130	140	150	170	130						
50A	105	105	120	130	140	140	150	170	130							
65A - 80A			130	150	160	160	180	180	200	135						
100A			150	170	180	200	200	220	165							