



Features

- ◇ Simple structure,integrated with vacumm pump,easy to maintain.
- ◇ Large flow type,mainly used for handling light and porous objects.
- ◇ With air blowing function.



Application

- ◇ Silicon wafer
- ◇ Solar cell

How to order

SLW 115 PM - M10 I - F3

① ② ③ ④ ⑤ ⑥

① Series	② Specification of suction cup	③ Baseplate material
SLW	100 - 100×55mm 115 - 115×115mm 146 - 146×146mm 170 - 170×105mm 120 - Φ120mm	PK - PEEK PM - POM AN - Aluminium baseplate+NBR support cushion APK - Aluminium baseplate+PEEK support cushion
④ Specification of vacuum pump	⑤ Exhaust direction	⑥ Mounting (Flange)
M10 - Airway Φ10 M15 - Airway Φ15	I - Vertical exhaust Y - Lateral exhaust+Fitting S - Vertical exhaust+Silencer T - Vertical exhaust+pagoda fitting	F1 - 55×6mm F3 - 63×11mm F9 - Triangular flange F12 - Circular flange

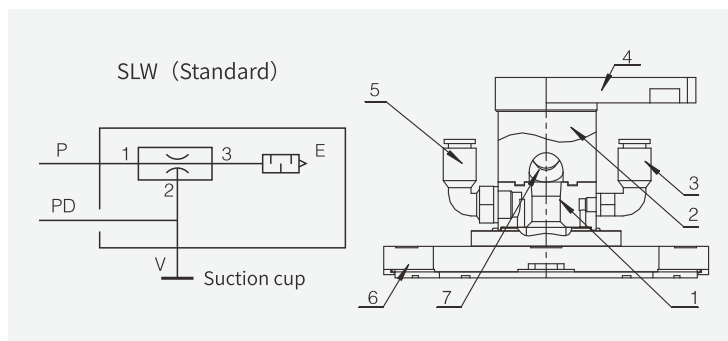
Selection

Series	Specification of suction cup	Specification of vacuum pump	Suction cup material	Exhaust direction	Mounting			
					F1	F3	F9	F12
SLW	100-170	M10	PK, PM	I, Y, S, T	●	●	-	-
	120	M15	AN, APK	I	-	-	●	●

Air circuit diagram/stuctural diagram

Main parts

No	Item	Material
1	Suction cup plate	PM PK
2	Side connection block	Aluminium alloy
3	Clamp	Aluminium alloy
4	Vacuum pump	Composite
5	Suction cup plate	PM PK Aluminium alloy
6	Vacuum pump	Aluminium alloy
7	Mouting(flange)	Aluminium alloy



Technical parameters

Model	Working temperature (°C)	Operating pressure range (bar)	Air supply pressure (bar)	Max. vacuum flow(NL/min)	Air consumption (L/min)	Max. vacuum level(-kPa)
SLW115-M10	0~60(Non-freezing)	1-7	5.0	400-430	150	11
SLW146-M10	0~60(Non-freezing)	1-7	5.0	410-440	150	11
SLW100-M10	0~60(Non-freezing)	1-7	5.0	330-460	150	11
SLW170-M10	0~60(Non-freezing)	1-7	5.0	350-490	150	11
SLW120-M15	0~60(Non-freezing)	1-7	5.0	370-460	150	7.5

Vacuum flow(NL/min) at different vacuum levels(-Kpa)

Model	Air supply pressure(bar)	Air consumption (NL/min)	0	1.5	2.5	3.5	4.5	5.5	6.5	7.5	11	Max. vacuum level(-kpa)
SLW115-M10	5.0	150	400	375	363	334	315	289	265	246	215	11
SLW146-M10	5.0	150	410	386	370	330	324	296	274	258	234	11
SLW100-M10	5.0	150	330	311	285	263	421	219	198	179	160	11
SLW170-M10	5.0	150	350	330	310	280	263	238	219	200	180	11
SLW120-M15	5.0	150	440	429	407	385	363	335	308	275	-	7.5

SNT

SLP

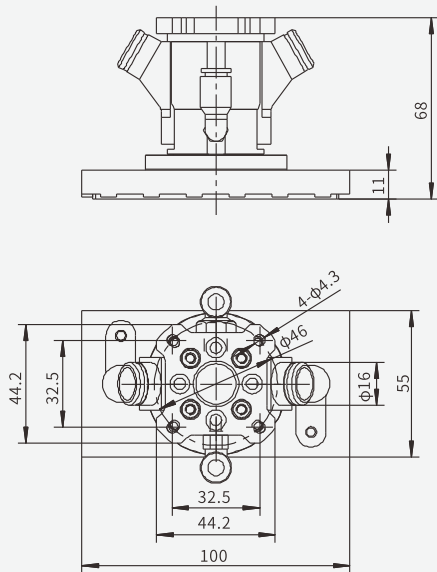
SLB

SLW

SLF

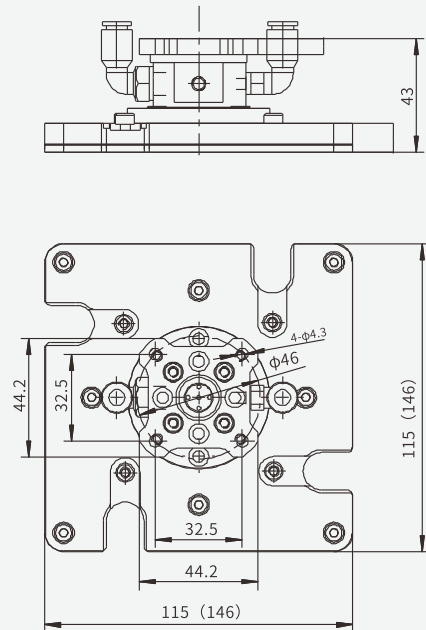
Dimensions(mm)

SLW100-M10Y-F1



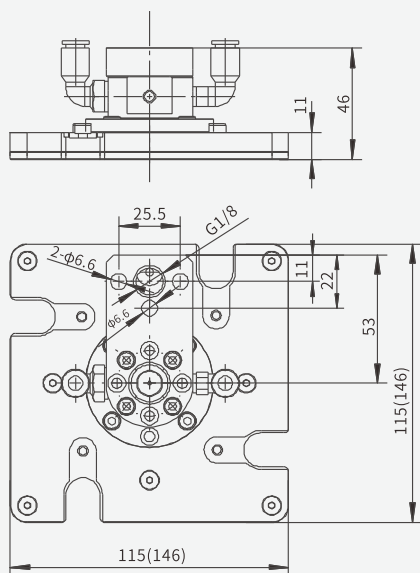
SLW115-M10I-F1

SLW146-M10I-F1

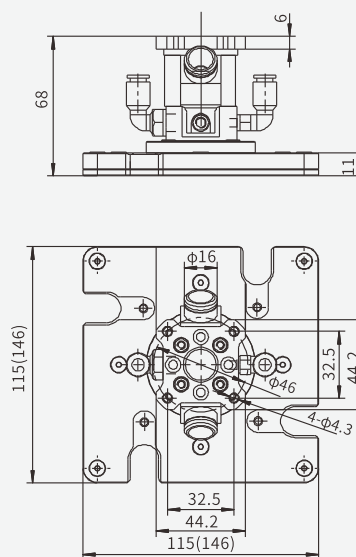


Dimensions(mm)

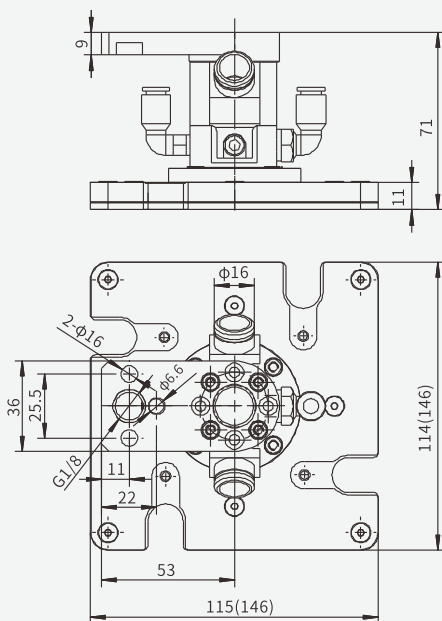
SLW115-M10I-F3
SLW146-M10I-F3



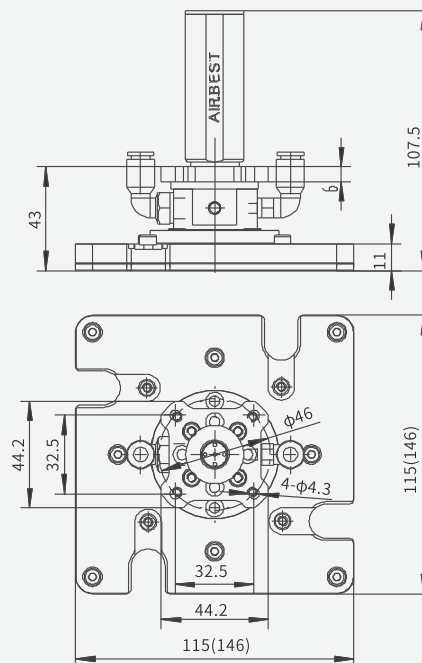
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SLW146-M10Y-F1



SLW115-M10Y-F3
SLW146-M10Y-F3

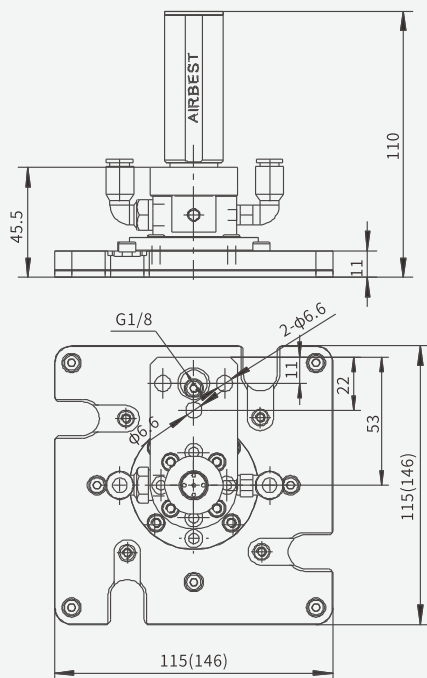


SLW115-M10S-F1
SLW146-M10S-F1

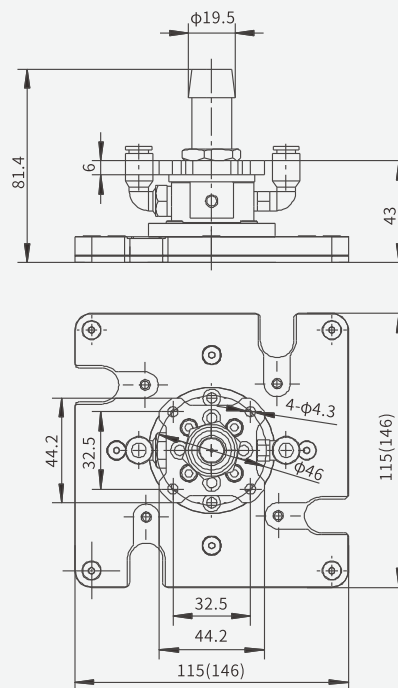


Dimensions(mm)

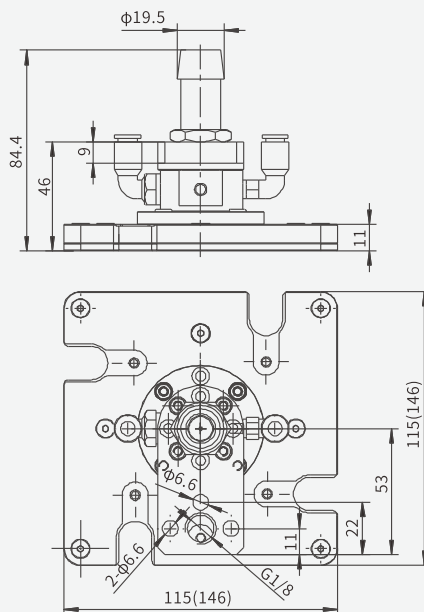
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SLW146-M10S-F3



SLW115-M10T-F1
SLW146-M10T-F1

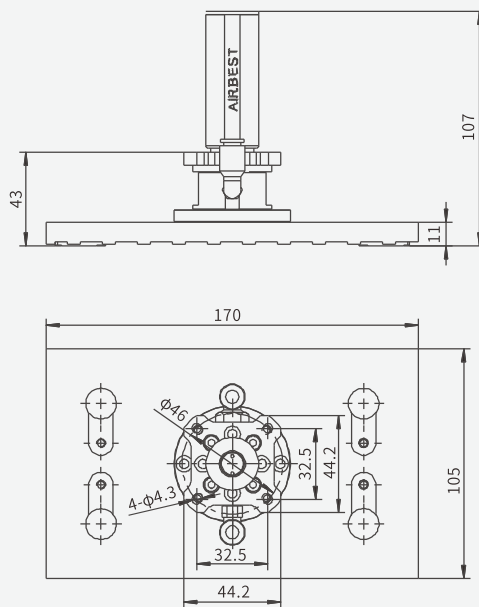


SLW115-M10T-F3
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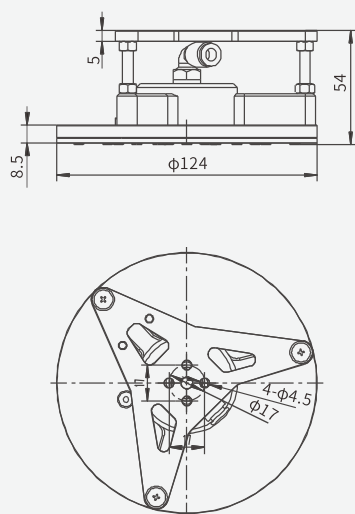


Dimensions(mm)

SLW170-M10S-F1



SLW120A-M15I-F9



SLW120A-M15I-F12

