

PPC Series

Features



- Miniature Pick UP Cylinder integrated with guide, which forms vacuum tube at small Air Cylinder
- As ultra slim type, compact, light and generalized cylinder.
- Improved high speed and external moment handling performance by Sliding Bearing
- High precise and minimize size with install anti shock function inside of cylinder.
- Possible to mount various Auto Switches
- Applicable to small-size work piece handling such as electric materials and semiconductor chips

Order form

PPC06 C S - 10 - A2NS

① ② ③ ④ ⑤

① Series and Bore size

② Cushion function

Blank	W/O cushion
C	With cushion

※ Cushion stroke : 2mm

③, ⑤ Auto Switch specification

③Name	⑤Switch symble	Switch type	Maximum proximity using pitch(mm)	Applied quantity
Blank	None	-	-	-
S	A2NS	DSC 2-wire PRO-A2N (Magnetic sensor)	18	1ea (detect only Up)
P	PM	DC 4-wire PRO-PM (Photo senso)	8	

④ Stroke (mm) : 5, 10, 15

※ Please be careful in the selection of Auto Switch, as the appearance and size of products are different.

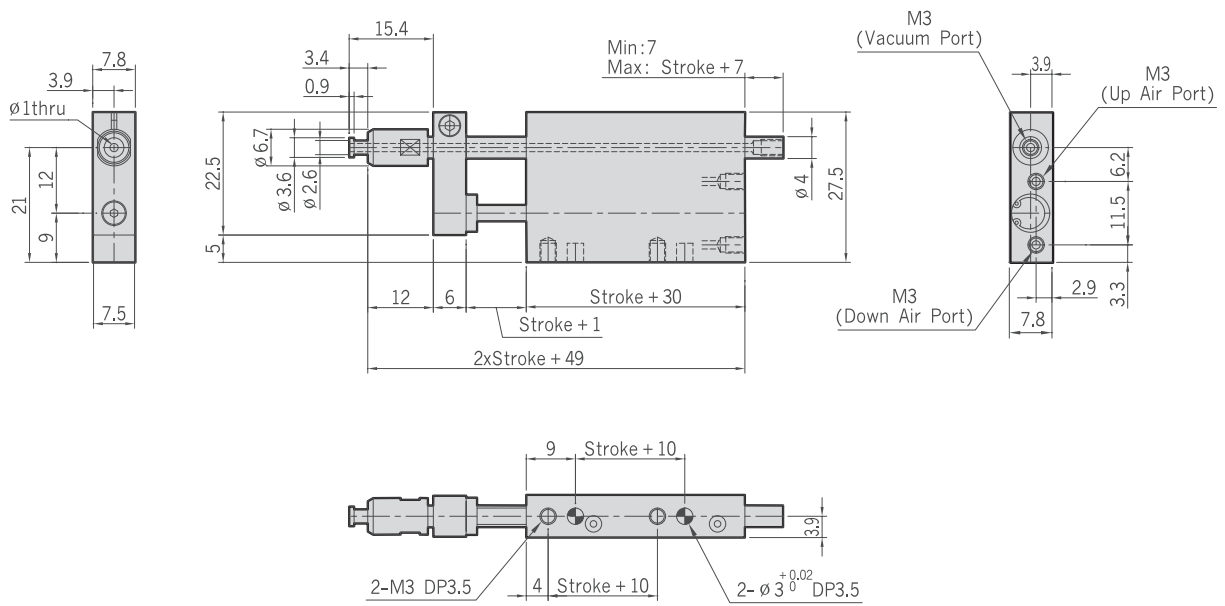
Specification

Model	PPC06	
Bore size(mm)	6	
Rod(mm)	3	
Stroke(mm)	5, 10, 15	
Theoretical thrust(kgf) P : Air pressure(kgf/cm ²)	Forward	0.28 × P
	Backward	0.21 × P
Air port size(mm)	M3	
Main body weight(kgf)	0.032	
Shock Absorbing stroke(mm)	2	
Fluid	Clean air Note 1)	
Air pressure(kgf/cm ²)	3 ~ 7 (General resistance pressure: 10.5) Note 2)	
Lubrication	No need (if need, use one sort of turbine oil: SPEC ISOVG 32)	
Temperature(°C)	5 ~ 60	
Motion type	Double-acting type	
Guide type	Sliding Bearing Guide	
Accuracy(mm)	± 0.1	

Note 1) Clean air: Fresh air containing solid matters with 0.3% of supersaturated moisture and 99.9% of liquid oil that passed through the 3~10 μ m degree of filtering

Note 2) Guaranteed capacity of resist pressure: A pressure that does not cause an abnormality in parts when it is applied for 1 minute without any weight loaded.

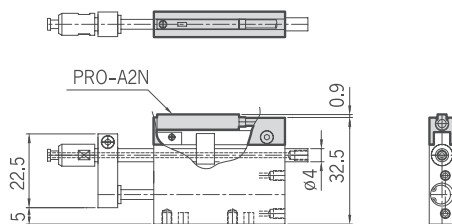
PPC06



* Cushion stroke : 2mm(optional)

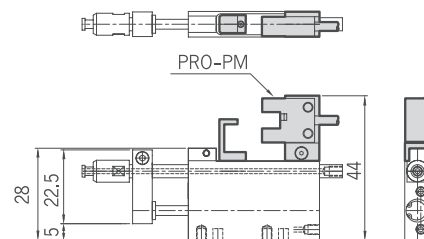
PPC06-Auto Switch

1. MAGNETIC SENSOR TYPE



PPC06S-A2NS

2. PHOTO SENSOR TYPE



PPC06P-PM