

## Air Cylinder Series ACP/UACP

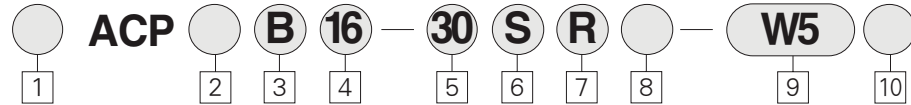
Bore Size:  $\phi 6$ ,  $\phi 10$ ,  $\phi 16$



- Long life
- Low breakaway
- Bumper equipped
- Built-in magnet
- Compact light weight design
- Copper-free (optional)

Action	Series	Bore Size (mm)	Port Size		Standard Stroke		Operating Pressure kgf/cm <sup>2</sup> (psi)
			ACP	UACP	ACP(Metric)	UACP(Inch)	
Double Acting/Single Rod 	(U)ACP	$\phi 6$	M5×0.8	10-32 UNF	5~100mm	0.5~2"	1.2~7.09 (7~100)
		$\phi 10$			5~150mm	0.5~6"	0.6~7.0 (9~100)
		$\phi 16$			5~200mm	0.5~8"	
Double Acting/Double Rod 	(U)ACPW	$\phi 6$	M5×0.8	10-32 UNF	10~60mm	0.5~2"	1.5~7.0 (21~100)
		$\phi 10$			10~100mm	0.5~4"	1.0~7.0 (21~100)
		$\phi 16$					
Single Acting/Single Rod 	(U)ACPS	$\phi 6$	M5×0.8	10-32 UNF	15, 30, 45, 60mm	0.5, 1.0, 1.5, 2.0"	2.0~7.0 (28.5~100)
		$\phi 10$					1.5~7.0 (21~100)
		$\phi 16$					

### How to Order



#### 1 Series

Blank : Metric(PT)  
U : NPT(UNF)

#### 2 Air Cylinder

Built-in Magnet, Rubber Cushions are Standard

Blank : Double Acting /Single Rod  
W : Double Acting /Double Rod  
S : Single Acting /Single Rod

#### 3 Mounting

B : Basic Type  
L : Axial Foot Type  
F : Rod Side Flange Type  
D : Double Clevis Type  
(Except for  $\phi 6$ )

#### 4 Bore Size mm(inch)

6 :  $\phi 6$  (1/4 Nom.)

10 :  $\phi 10$  (3/8 Nom.)  
16 :  $\phi 16$  (5/8 Nom.)

#### 5 Stroke

ACP Series : mm  
UACP Series : Hundreths of an inch.  
(Example: 1"  $\Rightarrow$  0100, 1 1/2"  $\rightarrow$  0150)  
 $\phi 6$  : 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 60, 75, 100(mm)  
 $\phi 10$  : 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 60, 75, 100, 125, 150(mm)  
 $\phi 16$  : 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 60, 75, 100, 125, 150, 175, 200(mm)

#### 6 Action

Blank : Double Acting  
S : Single Acting/Spring Return  
T : Single Acting/Spring Extended

#### 7 Port Location on Head Cover

Symbol	Bore size	
	$\phi 6$	$\phi 10, \phi 16$
R	-	In-line
Blank	In-line	Rear Port

#### 8 Option

Blank : Standard Type  
XC16 : Copper-Free

#### 9 Applicable Auto Switch

(Band mounted type)  
Blank : Without Switch  
W5 : Reed Switch(Lead wire of 0.5m)  
W5L : Reed Switch(Lead wire of 3m)

#### 10 Number of Switches

Blank : 2 pcs.  
S : 1 pc.  
n : n pcs.

### Specifications / Standard Type

Action	Double Acting Single Rod	
Fluid	Air	
Proof Pressure	10.5kgf/cm <sup>2</sup> (150 psi)	
Max. Operating Pressure	7.0kgf/cm <sup>2</sup> (100 psi)	
Min. Operating Pressure	$\phi 6$	1.2kgf/cm <sup>2</sup> (17 psi)
	$\phi 10, \phi 16$	0.6kgf/cm <sup>2</sup> (9 psi)
Ambient and Fluid Temperature	5~60°C (40~140°F)	
Cushion	Rubber Cushion (Standard)	
Lubrication	None (Non-Lube)	
Piston Speed	50~750 mm/sec(2~30 inch/sec)	