


## Round Cylinder Series ARD/UARD

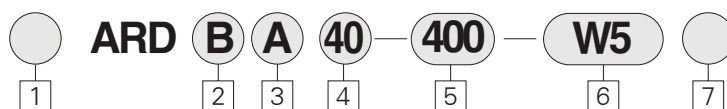
Bore Size :  $\phi$  20,  $\phi$  25,  $\phi$  32,  $\phi$  40,  
 $\phi$  50,  $\phi$  63



- Compact light weight design
- High speed actuator
- Rubber bumper equipped
- $\phi$  80,  $\phi$  100: Inquire separately

Action	Series	Bore Size (mm)	Port Size		Standard Stroke		Operating Pressure kgf/cm <sup>2</sup> (psi)
			ARD	UARD	ARD (mm)	UARD(Inch)	
Double Acting/Single Rod 	(U)ARD	$\phi$ 20	Rc(PT) 1/8	NPT 1/8	25~350	1~14	0.5~9.9 (7~140)
		$\phi$ 25			25~400	1~16	
		$\phi$ 32			25~450	1~18	
		$\phi$ 40	Rc(PT) 1/8	NPT 1/4	25~800	1~31	
		$\phi$ 50			25~1200	1~47	
		$\phi$ 63			25~1200	1~47	

### How to Order



#### 1 Standard

(Cylinder with Built-in Magnet)  
Blank : Metric(PT)  
U : Inch(NPT)

#### 2 Mounting

B : Basic Type

#### 3 Cushion

Blank : Rubber Cushion  
A : Air Cushion

#### 4 Bore Size(mm)

$\phi$  20 : 20mm  
 $\phi$  25 : 25mm  
 $\phi$  32 : 32mm  
 $\phi$  40 : 40mm  
 $\phi$  50 : 50mm  
 $\phi$  63 : 63mm

#### 5 Stroke

Rubber cushion type	Stroke	Air cushion type	Stroke
$\phi$ 20	25~350mm	$\phi$ 20	25~350mm
$\phi$ 25	25~400mm	$\phi$ 25	25~400mm
$\phi$ 32	25~450mm	$\phi$ 32	25~450mm
$\phi$ 40	25~800mm	$\phi$ 40	25~800mm
$\phi$ 50	25~1200mm	$\phi$ 50	25~1200mm
$\phi$ 63	25~1200mm	$\phi$ 63	25~1200mm

ARD : mm  
UARD : Hundredths of an inch  
(Example: 1" → 0100, 41/2" → 0450)

#### 6 Applicable Reed Switches

Blank : Without Auto Switch  
Band Mounted Type(Grommet)  
W5 : (2wire DC24V)  
Lead Wire of 0.5m  
W5L : (2wire DC24V)  
Lead Wire of 3m

#### 7 Number of Switches

Blank : 2 pcs.  
S : 1 pc.  
# : Enter Required Number of Switches.

### Standard Specifications

Fluid	Air
Proof Pressure	15 kgf/cm <sup>2</sup> (213 psi)
Max. Operation Pressure	9.9 kgf/cm <sup>2</sup> (140 psi)
Min. Operation Pressure	0.5 kgf/cm <sup>2</sup> (7 psi)
Ambient and Fluid Temperature	5~ 60℃ (14~ 140 °F)
Lubrication	None(Non-Lube)
Piston Speed	50~1000 mm/sec
Stroke Tolerance	~1000ST: $^{+1.4}_0$ mm / ~1200ST: $^{+1.8}_0$ mm
Thread Tolerance	KS 2 Class
Cushion	Rubber Cushion (Air Cushion Optional)