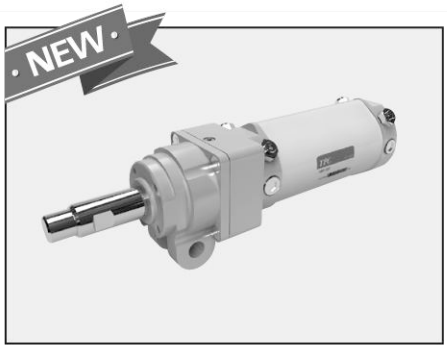
ABK2 Series

Locking Clamp Cylinder / Bore Size : Ø50, Ø63



- Easy maintenance through the back side piping
- Boost up piping efficiency

How to Order

ABK G 2 A 50 – 100 Y ○ – B – ○ – ○ ○ ○

1 2 3 4 5 6 7 8 9 10 11

1 Actuator Brake Clamp Cylinder

2 Magnet
Blank : None
G : Built-in magnet (low magnetic field)

3 Clevis Width
A : 16.5mm
B : 19.5mm

4 Bore Size(ø) - Stroke(mm)
Ø50 : 50, 75, 100, 125, 150
Ø63 : 50, 75, 100, 125, 150
※ Intermediate strokes are available.

5 End Bracket
Blank : None
Y : Double clevis knuckle joint

6 Suffix Symbols
A : Limit switch band type
B : Limit switch mounting base
D : Dog fitting
19 : Foot

7 Locking
B : backward
F : forward

8 Piping
Blank : back of the head cover
L : left of the rod cover

9 Auto Switch
Blank : no auto switch
A54K : reed switch with low magnetic field
W2P : solid state switch with low magnetic field
WB1 : band type
※ Refer to page 235 for more information.

10 Number of Auto Switch
Blank : 2 pcs
S : 1 pc
N : N pcs

11 Lead Wire
L : 3m
Z : 5m

Specifications

Bore Size		ø50	ø63
Cylinder	Action	Double-Acting : single rod	
	Fluid	Air	
	Proof Pressure	1.5MPa	
	Max. Operating Pressure	1.0MPa	
	Min. Operating Pressure	0.2MPa	
	Ambient & Fluid Temp.	5℃ ~ 60℃	
	Piston Speed	50 ~ 500mm/s	
	Cushion	Both ends	
	Lubrication	None-lube	
	Stroke Length Tolerance	0/1.0	
	Speed Controller	Built-in	
	Mounting Type	Double clevis	
Lock	Lock Action	Spring Lock	
	Unlocking Pressure [1]	0.2MPa or more	
	Locking Direction [2]	One direction (Forward or Backward)	
	Lock Holding Force N [3]	1,519(155Kg) ± 3%	1,974(200Kg) ± 3%
	Lock Application	Drop prevention, Position holding	

Note1) In order to properly unlock, we recommend air pressure of 0.5MPa or more.
Note2) No specification differences in locking directions
Note3) Lock holding force is maximum load, and we recommend to load 40% of maximum lock holding force for your safety.
Note4) Optional fittings are identical to ABK Series