

Check Valve with One-touch Fitting Series *AKH/AKB*

How to Order

Straight type **AKH** **04** — **00**

Male connector type **AKH** **04** **A** — **01** **S**

Applicable tubing O.D.

Metric size	Inch size
04 $\phi 4$	03 $\phi 5/32$
06 $\phi 6$	07 $\phi 1/4$
08 $\phi 8$	09 $\phi 5/16$
10 $\phi 10$	11 $\phi 3/8$
12 $\phi 12$	13 $\phi 1/2$

• **With seal (Standard)**
* M5 and 10-32 UNF types are not required.

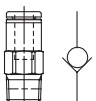
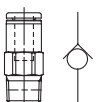
• **Thread type**

Nil	Metric thread (M5)
	Unified thread (10-32 UNF)
	R
N	NPT

• **Port size**

M5	M5 x 0.8
U10/32	10-32 UNF
01	1/8
02	1/4
03	3/8
04	1/2

• **Check valve free flow direction**

A	From male thread to One-touch fitting	
B	From One-touch fitting to male thread	

Applicable Tubing O.D./Port Size Combinations

Metric size

Model	Applicable tubing O.D.	R thread				
		M5	1/8	1/4	3/8	1/2
AKH04 □	$\phi 4$	●	●			
AKH06 □	$\phi 6$	●	●	●		
AKH08 □	$\phi 8$		●	●	●	
AKH10 □	$\phi 10$			●	●	●
AKH12 □	$\phi 12$				●	●

Inch size

Model	Applicable tubing O.D.	NPT thread				
		10-32 UNF	1/8	1/4	3/8	1/2
AKH03 □	$\phi 5/32$	●	●			
AKH07 □	$\phi 1/4$	●	●	●		
AKH09 □	$\phi 5/16$		●	●	●	
AKH11 □	$\phi 3/8$			●	●	●
AKH13 □	$\phi 1/2$				●	●

Bushing type **AKB** **01** **A** — **01** **S**

• **Body size**

01	1/8
02	1/4
03	3/8
04	1/2

• **With seal (Standard)**

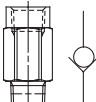
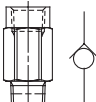
• **Port size**

01	1/8
02	1/4
03	3/8
04	1/2

• **Thread type**

Nil	R
N	NPT

• **Check valve free flow direction**

A	From male to female thread	
B	From female to male thread	

Female/Male Threads Combinations

R thread

Model	Female thread Rc	Male thread R			
		1/8	1/4	3/8	1/2
AKB01 □	1/8	●			
AKB02 □	1/4		●		
AKB03 □	3/8			●	
AKB04 □	1/2				●

NPT thread

Model	Female thread NPT	Male thread NPT			
		1/8	1/4	3/8	1/2
AKB01 □	1/8	●			
AKB02 □	1/4		●		
AKB03 □	3/8			●	
AKB04 □	1/2				●