

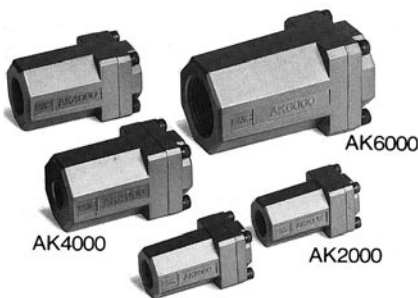
Check Valve Series AK

High flow capacity

Low cracking pressure: **0.02MPa**

Compact and lightweight

A wide variation of models



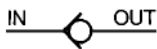
Model

Model	Port size	Effective area (mm ²)	Weight (g)
AK2000-01	1/8	25	105
AK2000-02	1/4	27.5	100
AK4000-02	1/4	47	155
AK4000-03	3/8	85	150
AK4000-04	1/2	95	140
AK6000-06	3/4	200	345
AK6000-10	1	230	315

Specifications

Fluid	Air
Proof pressure	1.5MPa
Max. operating pressure	1MPa
Min. operating pressure	0.02MPa
Ambient and fluid temperature	-5 to 60 °C (No freezing)

JIS Symbol



Flow Characteristics

How to Order

E AK 2 000 — 02

Standard size

2	1/4
4	1/2
6	1

Thread

—	Rc (PT)
N	NPT
F	G (PF)

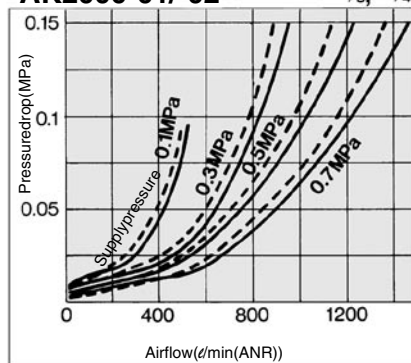
Port size

Port size	Applicable series
01	1/8 AK2000
02	1/4 AK2000, 4000
03	3/8 AK4000
04	1/2 AK4000
06	3/4 AK6000
10	1 AK6000

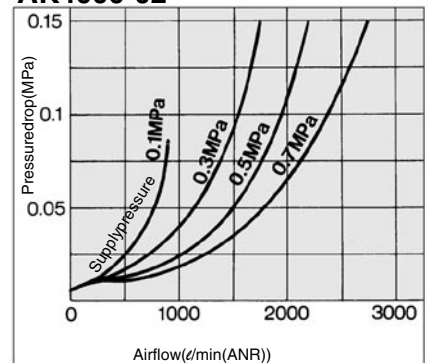
Ordering source area code

—	Japan, Asia Australia
E	Europe
N	North America

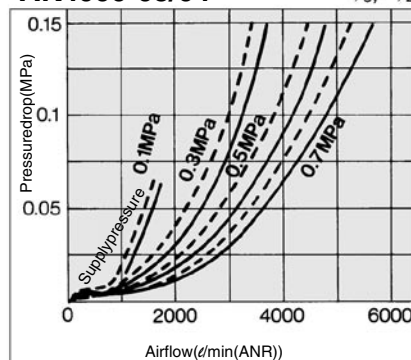
AK2000-01/-02



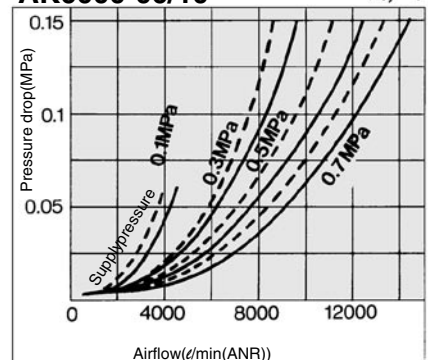
AK4000-02



AK4000-03/04



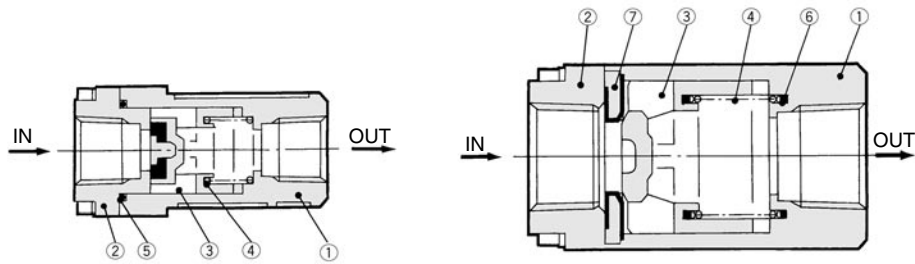
AK6000-06/10



Construction

AK2000

AK4000/6000



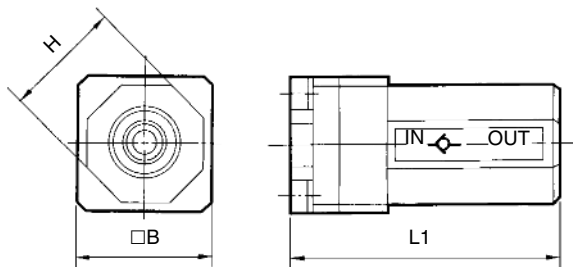
Componentparts

No.	Description	Material
①	Cover	Aluminumdiecasted ⁽¹⁾
②	Body	Aluminumdiecasted ⁽¹⁾

Note1)AK2000:Zincalloy

No.	Description	Material
③	Valve	POM
④	Spring	Stainlesssteel
⑤	O-ring	NBR
⑥	Ring	NBR
⑦	Seatrings	Brass,NBR

Dimensions



Model	Portsize	L1	□B	H
AK2000-01,02	1/8, 1/4	50	25	22
AK4000-02,03,04	1/4, 3/8, 1/2	67	36	36
AK6000-06,10	3/4, 1	95	50	50