

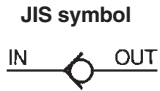
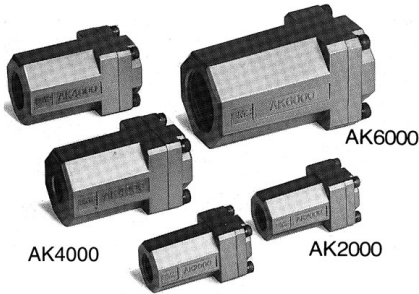


Check Valve Series AK

High flow capacity

Low cracking pressure: 0.02MPa

Compact and light weight



How to Order

N **AK** **2** 000 — **02**

Area Code

Nil	Japan, Asia, Australia, UK
N	U.S.A.

Body size

2	1/4
4	1/2
6	1

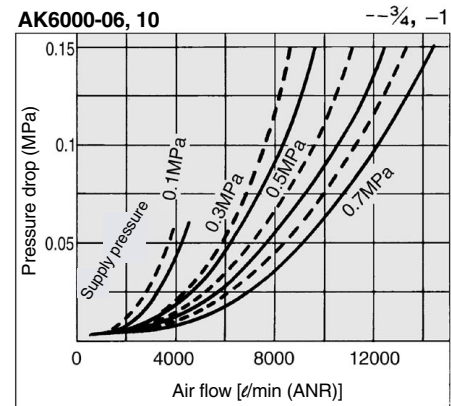
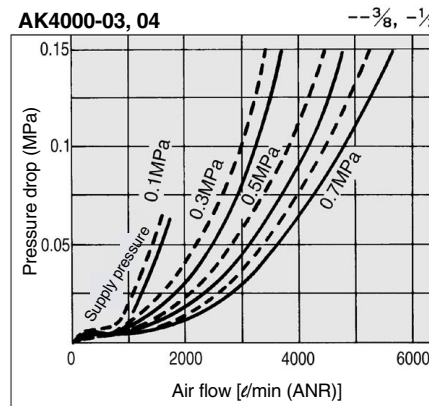
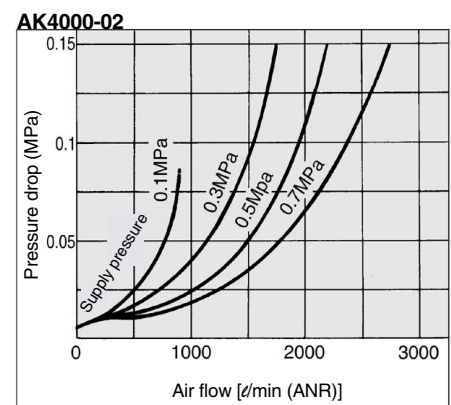
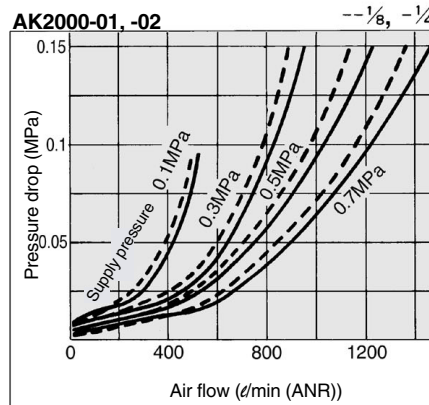
Port size

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

Port thread

Nil	Rc
N	NPT
F	G

Flow Characteristics



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

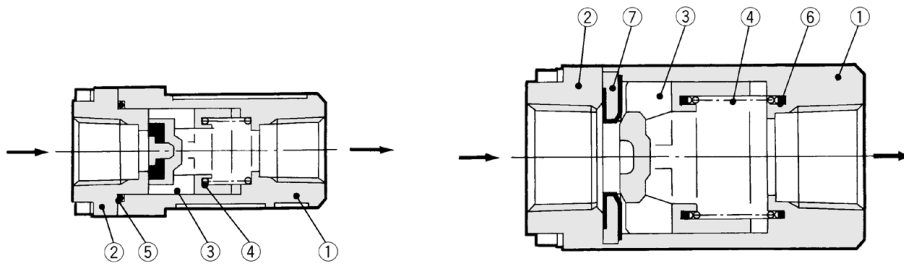
Specifications

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

Construction

AK2000

AK4000/6000



Component parts

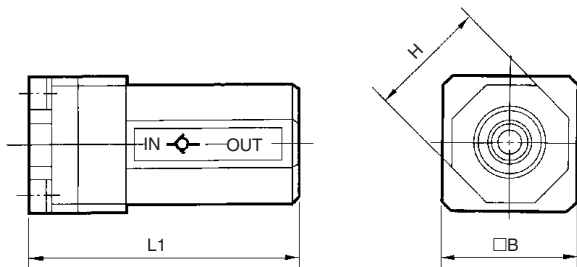
No.	Description	Material
①	Cover	Aluminum die casted <small>Note 1)</small>
②	Body	Aluminum die casted <small>Note 1)</small>

Note 1) AK2000: Zinc alloy

Replacement parts

No.	Description	Material	Part No.		
			AK2000	AK4000	AK6000
③	Valve	POM	19033	19014	19024
④	Spring	Stainless steel	19037	19015	19025
⑤	O-ring	NBR	20 x 17 x 1.5	—	—
⑥	Ring	NBR	—	19016	19026
⑦	Seat ring	Brass, NBR	—	19013	19023

Dimensions



Model	Port size	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

⚠ Caution

Read carefully before handling.
 Refer to page 64 and 65 for Safety Instructions and common precautions on the products mentioned in this catalog, refer to page 66 through 68 for precautions for every series.