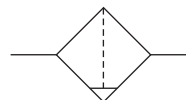


Symbol



Ordering code

AL	
Model	
AL	A Series Lubricator

2000	
Series code	
1000	1000 Series
2000	2000 Series
3000	3000 Series
4000	4000 Series
5000	5000 Series

02	
Port size	
M5	M5
02	1/4"
03	3/8"
04	1/2"
06	3/4"
10	1"

Specification

Model	AL1000-M5	AL2000-02	AL3000-02	AL3000-03	AL4000-03	AL4000-04	AL4000-06	AL5000-06	AL5000-10
Port size	M5×8	1/4	1/4	3/8	3/8	1/2	3/4	3/4	1
Cup capacity	7	25	50	50	50	130	130	130	130
Rated flow(L/min)	95	80	1700	1700	1700	5000	6300	7000	7000
Proof pressure	1.5MPa{15.3kgf/cm ² }								
Max. pressure	1.0MPa{10.2kgf/cm ² }								
Temperature range	5~60℃								
Cup material	Polycarbonate								
Cup protective cover	AL1000~2000(Without) AL3000~5000(With)								
Valve type	With overflow								
Weight(kg)	0.07	0.22	0.30	0.30	0.56	0.56	0.58	1.08	1.08

Note: 1. supply pressure is 0.5MPa (5.1kgf/cm²), oil droplet flow rate of 5 drops/minute, turbine No.1 oil (ISO VG32) temperature of 20 degrees celsius.
2. supply pressure of 0.5MPa (5.1kgf/cm²), 0.03MPa (0.3kgf/cm²) in the absence of pressure.

Main parts

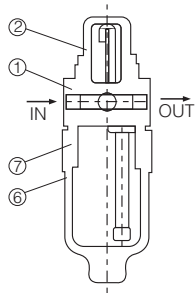
No.	Name	Material			Note
		AL1000~2000	AL3000~AL4000/4000-06	AL5000	
1	Oil filter body	Zinc die casting	Aluminum die casting	Aluminum die casting	Platinum Plated Silver
10	Base			Aluminum die casting	Platinum Plated Silver

Parts list

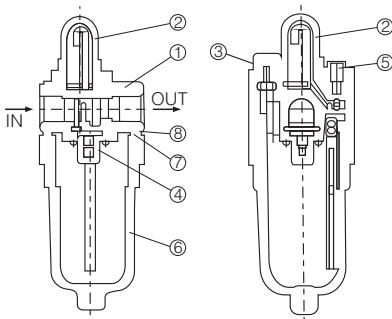
No.	Parts name	Material	Parts No.					
			AL1000	AL2000	AL3000	AL4000	AL4000-06	AL5000
2	Dome assembly	Polycarbonate						
3	Oil inlet hole assembly	-						
4	Damping duct assembly	-						
5	Needle assembly	-						
6	Cup assembly	-						
7	Cup O type sealing ring	NBR						
8	Damper	Synthetic resin						
9	Whole O type sealing ring	NBR						

Inner structure

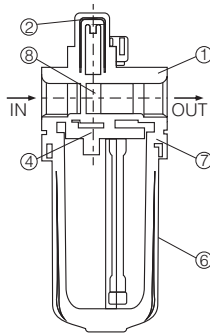
AL1000



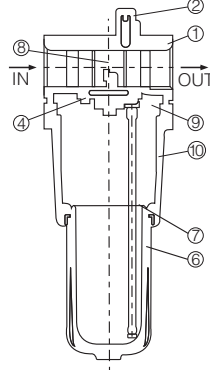
AL2000



AL3000-4000

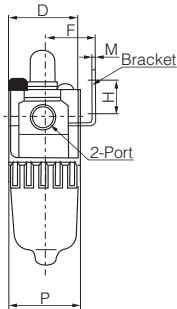
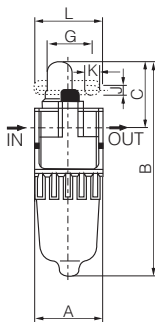


AL5000

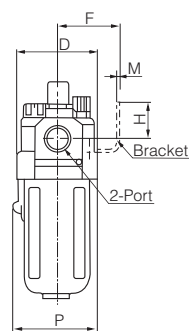
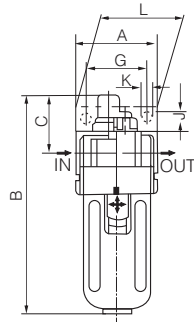


Dimensions

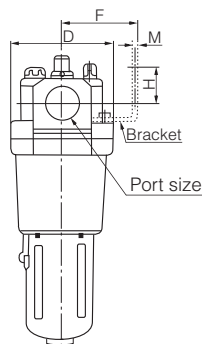
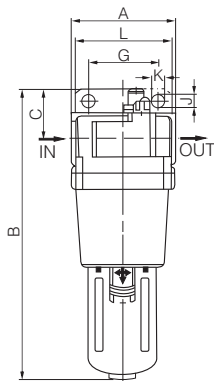
AL1000-2000



AL3000-4000



AL5000



Model	Port size	A	B	C	D	E	F	G	H	J	K	L	M	P
AL1000	M5×0.8	25	81.5	25.5	25	-	-	-	-	-	-	-	-	27
AL2000	1/4	40	122	38	40	30	30	27	22	5.4	8.4	40	2.3	40
AL3000	1/4-3/8	53	142	38	53	41	41	40	23	6.5	8	53	2.3	56
AL4000	3/8-1/2	70	177	41	70	50	50	54	26	8.5	10.5	70	2.3	73
AL4000-06	3/4	75	177	39	70	50	50	54	25	8.5	10.5	70	2.3	73
AL5000	3/4-1	90	254	45	90	70	70	66	35	11	13	90	3.2	90