

Lubricator AL1000-5000



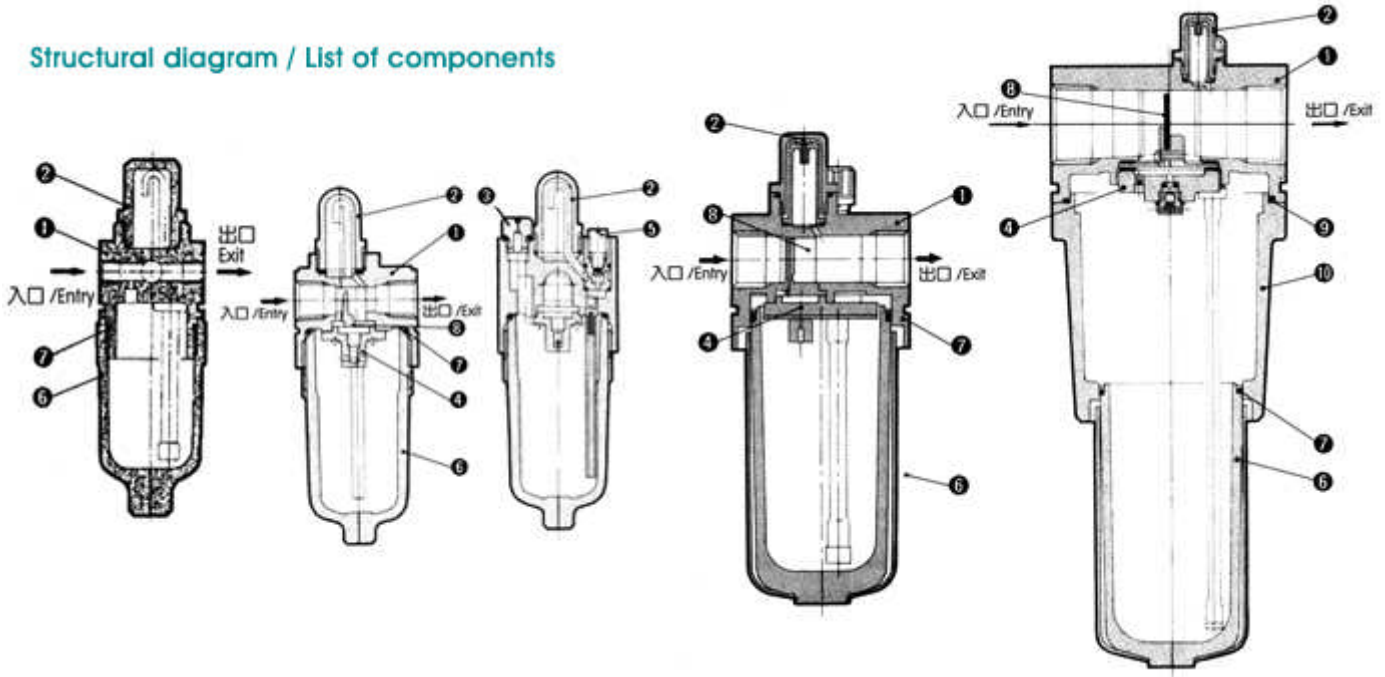
Ensured Pressure Resistance	1.5MPa(15kgf/cm ²)
Highest Working Pressure	1.0MPa(10kgf/cm ²)
Ambient and Fluid Temperature	5-60℃
Recommended Oil Use	Turbine No.1 Oil ISOVG32
Container Material	Polycarbonate
Protective Cover	AL1000-2000(Not Available) AL3000-5000 (Available)

Model	Specifications					Accessories
	*Minimal Flow of Oil Drop (L/min)	*Rated Flow (L/min)	Port Size (G)	Bowl Capacity (CM ³)	Weight (kg)	Bracket
AL1000-M5	4	95	M5	7	0.07	
AL2000-01	15	800	1/8	25	0.22	B240
AL2000-02			1/4			
AL3000-02	30	1700	1/4	50	0.30	B340
AL3000-03			3/8			
AL4000-03	40	5000	3/8	130	0.56	B440
AL4000-04			1/2			
AL4000-06	50	6300	3/4	130	0.58	B540
AL5000-06	190	7000	3/4	130	1.08	B640
AL5000-10			1			
	* Under the circumstance that the supply pressure is 0.5MPa(5.1kgf/cm ²), oil drop flow is 5drops/minute, use of Turbine No.1Oil and 20℃ temperature.					

* Under the circumstance that the supply pressure is 0.5MPa(5.1kgf/cm²) and step down is 0.03MPa(0.3kgf/cm²).

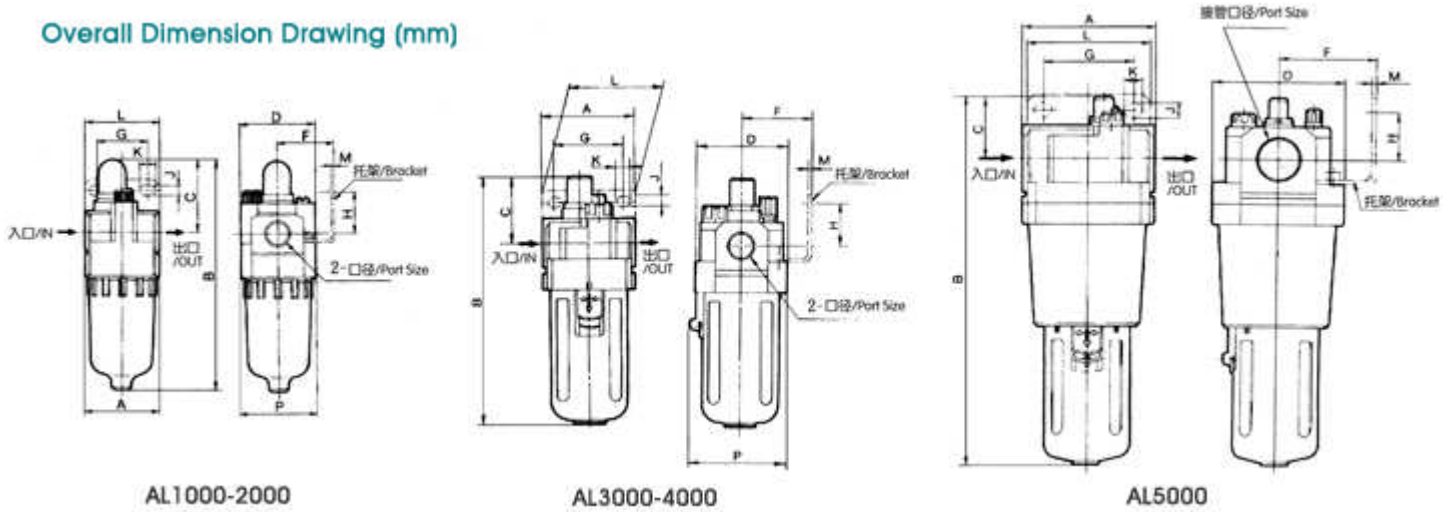
Rc.and NPT prot size available

Structural diagram / List of components



No.	Denomination	Material		
		AL1000	AL2000-4000	AL5000
1	Valve Body	Zinc Die Casting		Aluminum Die Casting
2	Oil Window	Polycarbonate		
3	Oil Feed Plug	ABS		
4	Guide Retainer	ABS		
5	Oil Adjusting Handle	ABS		
6	Water Storage Cup(Protective Cover)	Polycarbonate(Cold Rolled Sheet)		
7	O-ring	Rubber		
8	Retainer	Polyurethane		
9	O-ring	Rubber		
10	Middle Part	-	Aluminum Die Casting	

Overall Dimension Drawing (mm)



Model	Port Size G	A	B	C	D	F	G	H	J	K	L	M	P
AL1000	M5	25	81.5	25.5	25	-	-	-	-	-	-	-	27
AL2000	1/8-1/4	40	122	38	40	30	27	22	5.4	8.4	40	2.3	40
AL3000	1/4-3/8	53	142	38	53	41	40	23	6.5	8	53	2.3	56
AL4000	3/8-1/2	70	177	41	70	50	54	26	8.5	10.5	70	2.3	73
AL4000-06	3/4	75	177	39	70	50	54	25	8.5	10.5	70	2.3	73
AL5000	3/4-1	90	254	45	90	66.5	66	35	11	13	90	3.2	90

Characteristic Curve of Flow Rate

Note: P1=0.7MPa P2=0.5MPa P3=0.3MPa P4=0.1MPa

