

Large Flow Lubricator

Series AL800/900

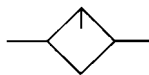
■ Individual lubrication Large flow type



AL800

AL900

JIS Symbol



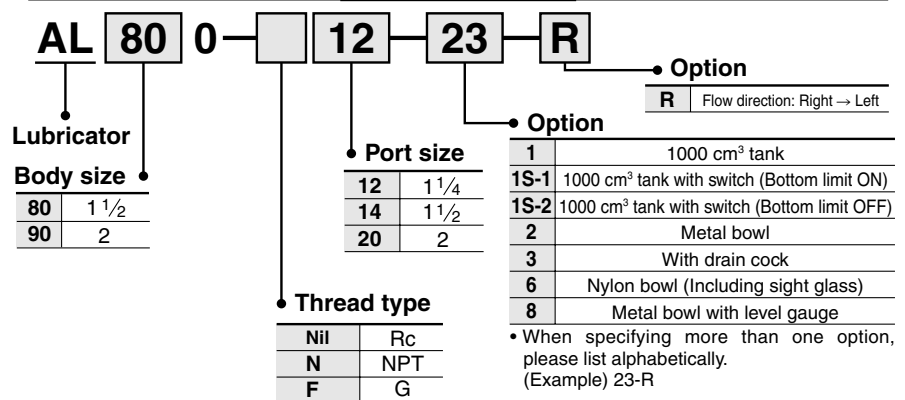
Standard Specifications

Model		AL800	AL900
Port size		1 ¹ / ₄ 1 ¹ / ₂	2
Fluid		Air	
Proof pressure		1.5 MPa	
Max. operating pressure		1.0 MPa	
Min. operating flow (ℓ/min (ANR)) ^(Note)		1 ¹ / ₄ : 460 1 ¹ / ₂ : 650	1800
Bowl capacity (cm ³)		440	
Recommended lubricant		Turbine oil Class 1(With no additives), ISO VG32	
Ambient and fluid temperature		-5 to 60°C (No freezing)	
Bowl material		Polycarbonate	
Weight (kg)		1.62	1.67
Accessory (Standard)	Bowl guard	●	●



Note) • Conditions: Inlet pressure = 0.5 MPa, Number of drop = 5 drops/min, Turbine oil Class 1 (with no additives) ISO VG32, Temperature = 20°C, Needle fully open
• Use consumption air flow for operating minimum flow.

How to Order



Option Combinations

©Available ☐ Not available

Accessory, Option	Symbol	Option							
		1	1S-1	1S-2	2	3	6	8	R
1000 cm ³ tank	-1								⊙
1000 cm ³ (With switch) Bottom limit ON	-1S-1								⊙
1000 cm ³ (With switch) Bottom limit OFF	-1S-2								⊙
Metal bowl	-2					⊙			⊙
Lubricator with drain cock	-3				⊙		⊙	⊙	⊙
Nylon bowl	-6					⊙			⊙
Metal bowl with level gauge	-8					⊙			⊙
Flow direction: Right → Left	-R	⊙	⊙	⊙	⊙	⊙	⊙	⊙	



Note) -1, -1S-1 and -1S-2 are with metal bowl with level gauge and with drain cock.

F.R.L.

AV

AU

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VE ☐

VY1

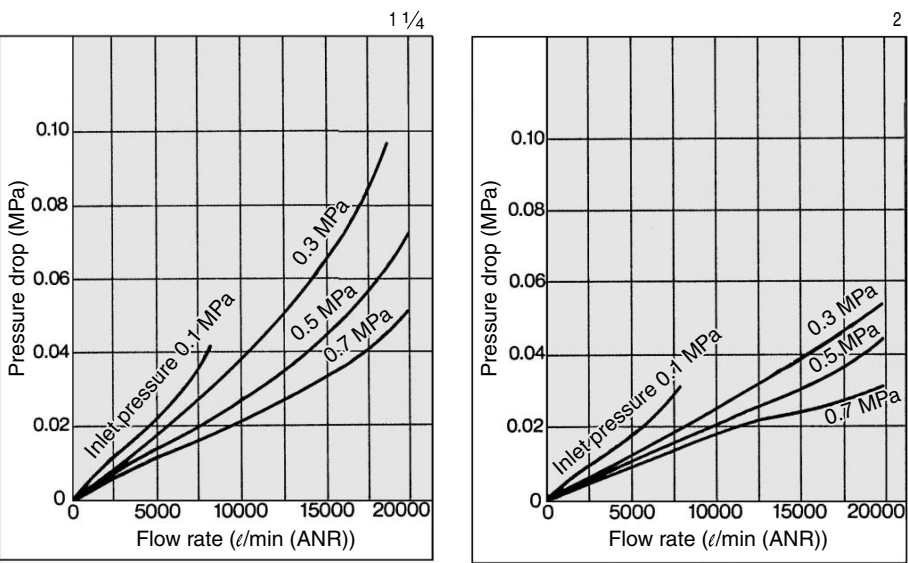
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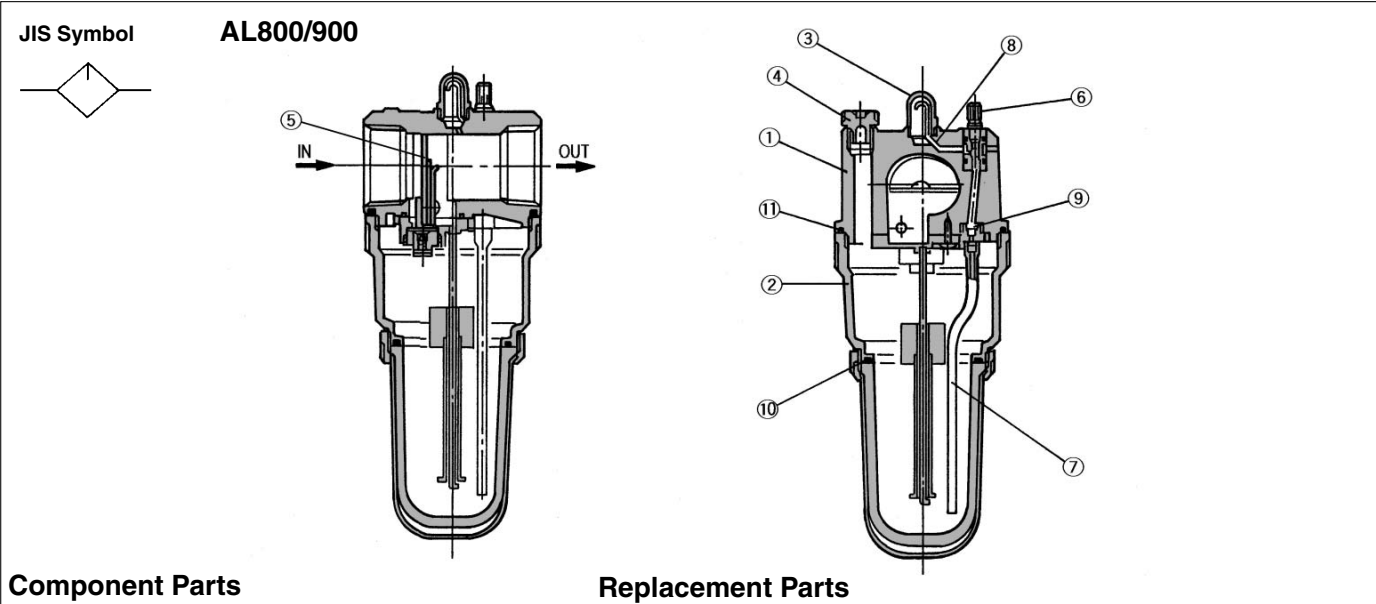
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Series AL800/900

Flow Characteristics



Construction



Component Parts

No.	Description	Material		Note
		AL800	AL900	
①	Body	Aluminum die-casted	Aluminum casted	Platinum silver painted
②	Housing	Aluminum die-casted		Platinum silver painted

Replacement Parts

No.	Description	Material	Part no.	
			AL800	AL900
③	Sight dome	Polycarbonate	12316	12316
④	Lubrication plug assembly	—	12314PA	12314PA
⑤	Damper assembly	—	123413A-1 (1 1/4) 123413A-2 (1 1/2)	123528A
⑥	Needle stud assembly	—	123128PA	123128PA
⑦	Siphon tube assembly	—	123321A	123321A
⑧	Sight dome seal	Urethane resin	12318	12318
⑨	Siphon nut seal	Urethane resin	123111	123111
⑩	Bowl O-ring	NBR	113136	113136
⑪	Housing O-ring	NBR	JIS B 2401G90	JIS B 2401G90