

Air Combination Series AC Options/Attachments

Options/Attachments Part No.

Section	Model	Part no.									
		For AC10	For AC20	For AC25	For AC30	For AC40	For AC40-06	For AC50	For AC55	For AC60	
		For AC10A	For AC20A	—	For AC30A	For AC40A	For AC40A-06	For AC50A	—	For AC60A	
	Type	For AC10B	For AC20B	For AC25B	For AC30B	For AC40B	For AC40B-06	For AC50B	For AC55B	For AC60B	
Option	Round type	Standard	G27-10-R1	G36-10-□01				G46-10-□02			
	Round type (with color zone)	Standard	G27-10-R1 (Note 3)	G36-2-□01				G46-2-□02			
	Square embedded type	Standard	—	G36-10-□01-L				G46-10-□02-L			
	0.02 to 0.2 MPa setting	Standard	—	G36-2-□01-L				G46-2-□02-L			
	Digital pressure switch	Standard	—	GC3-10AS [GC3P-010AS (Pressure gauge cover only)]							
	0.02 to 0.2 MPa setting	Standard	—	GC3-2AS [GC3P-010AS (Pressure gauge cover only)]							
	NPN output/Wiring bottom entry	—		ISE35-N-25-MLA [ISE35-N-25-M (Switch body only)] (Note 4)							
	NPN output/Wiring top entry	—		ISE35-R-25-MLA [ISE35-R-25-M (Switch body only)] (Note 4)							
	PNP output/Wiring bottom entry	—		ISE35-N-65-MLA [ISE35-N-65-M (Switch body only)] (Note 4)							
	PNP output/Wiring top entry	—		ISE35-R-65-MLA [ISE35-R-65-M (Switch body only)] (Note 4)							
Attachment	Float type (Note 5)	N.O.	—	AD38				AD48			
	auto drain	N.C.	—	AD37				AD47			
	Spacer	Y100	Y200	Y300	Y400	Y500		Y600			
	Check valve (Note 6) (Note 7)	—	AKM2000-□01 (□02)	AKM3000-(□01) □02	AKM4000-(□02) □03	—	—	—	—	—	—
	Pressure switch (Note 7)	—	IS1000M-20	IS1000M-30	IS1000M-40	IS1000M-50		IS1000M-60			
	T-interface (Note 6) (Note 7)	Y110-M5	Y210-□01 (□02)	Y310-(□01) □02	Y410-(□02) □03	Y510-(□02) □03	Y610-□03 (□04)	Y610-(□03) □04			
	3-port valve for residual pressure release (Note 7)	—	VHS20-□01 □02	VHS30-□02 □03	VHS40-□03 □04	VHS40-□06	VHS50-□06 □10	—	—	—	—
	Piping adapter (Note 7)	E100-M5	□01 E200-□02 □03	□02 E300-□03 □04	□02 E400-□03 □04 □06	E500-□06		E600-□06 □10			
	Pressure switch with piping adapter (Note 7)	—	□01 IS1000E-20□02 □03	□02 IS1000E-30□03 □04	□02 IS1000E-40□03 □04 □06	—	—	—	—	—	—
	Cross spacer (Note 7)	Y14-M5	Y24-□01 □02	Y34-□01 □02	Y44-□02 □03	Y54-□03 □04	—	—	—	—	—

Note 1) □ in part numbers for a round pressure gauge indicates a type of connection thread. No indication is necessary for R; however, indicate N for NPT. Please contact SMC regarding the connection thread NPT and pressure gauge supply for psi unit specifications.

Note 2) Including one O-ring and 2 mounting screws

Note 3) Standard pressure gauge

Note 4) Lead wire with connector (2 m), adapter, lock pin, O-ring (1 pc.), mounting screw (2 pcs.) are attached. []: Switch body only.

Also, regarding how to order the digital pressure switch, please refer to page 388.

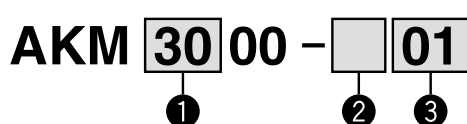
Note 5) Minimum operating pressure: N.O. type—0.1 MPa; N.C. type—0.1 MPa (AD17/27) and 0.15 MPa (AD37/47). Please contact SMC for psi and °F unit specifications.

Note 6) For F.R.L. units, port sizes without () are standard specifications.

Note 7) Separate interfaces are required for modular unit.

Check Valve: (K) 1/8, 1/4, 3/8

A check valve with intermediate air release port can be easily installed to prevent a backflow of lubricant when redirecting the air flow and releasing the air on the outlet side of the regulator.

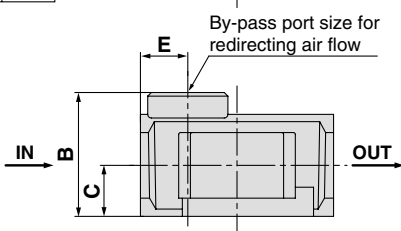
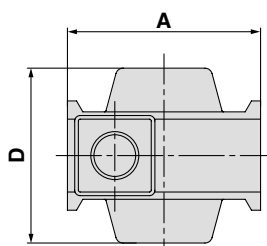
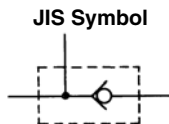


	Symbol	Description	①			
			Body size			
②	Thread type	Nil	Rc	20	30	40
		N	NPT	●	●	●
		F	G	●	●	●
③	By-pass port size	+		●	●	—
		01	1/8	●	●	●
		02	1/4	—	—	●

Specifications

Model	Effective area (mm ²)
AKM2000	28
AKM3000	55
AKM4000	111

Be sure to use above check valves when redirecting the air flow on the inlet side of the lubricator. Threads for IN and OUT ports are not machined.



Model	By-pass port size	A	B	C	D	E	Applicable model
AKM2000	1/8, 1/4	40	28	11	40	11	AC20, AC20A
AKM3000	1/8, 1/4	53	34	14	48	13	AC25, AC25A AC30, AC30A
AKM4000	1/4, 3/8	70	42	18	54	15	AC40, AC40A (Note)

Note) A pressure switch cannot be mounted on the AC40□-06.

* Refer to the attachment table above for standard by-pass port sizes applicable to the AC.