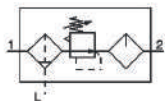


Symbol



Ordersymbol

AC 30 A- 03 DE- - -B

1 2 3 4 5 6

- Option/Semi-standard: Select one each for **a** to **L**
- Option/Semi-standard symbol: When more than one specification is required, indicate in alphanumeric order.
Example) AC30A-F03DE1-KSV-136NR-B



		Symbol	Description	1 Body size					
				20	30	40	45	50	60
2	Pipe thread type	Nil	Rc	●	●	●	●	●	●
		N	NPT	●	●	●	●	●	●
		F	G	●	●	●	●	●	●
3	Port size	+							
		01	1/8	●	—	—	—	—	—
		02	1/4	●	●	●	—	—	—
		03	3/8	—	●	●	—	—	—
		04	1/2	—	—	●	—	—	—
		06	3/4	—	—	—	●	●	—
4	a	+							
		Nil	Without auto drain	●	●	●	●	●	●
		C (Note 1)	N.C. (Normally closed) Drain port is closed when pressure is not applied.	●	●	●	●	●	●
	b	D (Note 2)	N.O. (Normally open) Drain port is open when pressure is not applied.	—	●	●	●	●	●
		+							
		Nil	Without pressure gauge	●	●	●	●	●	●
		E	Square embedded type pressure gauge (with limit indicator)	●	●	●	●	●	●
		G	Round type pressure gauge (without limit indicator)	●	●	●	●	●	●
		M	Round type pressure gauge (with color zone)	●	●	●	●	●	●
	Digital pressure switch	E1	Output: NPN output, Electrical entry: Wiring bottom entry	●	●	●	●	●	●
		E2	Output: NPN output, Electrical entry: Wiring top entry	●	●	●	●	●	●
		E3	Output: PNP output, Electrical entry: Wiring bottom entry	●	●	●	●	●	●
		E4	Output: PNP output, Electrical entry: Wiring top entry	●	●	●	●	●	●
5	d	+							
		Nil	Without attachment	●	●	●	●	●	●
	e	S	Mounting position: AW+S+AL	●	●	●	●	●	●
		+							
6	f	Nil	0.05 ~ 0.85 MPa setting	●	●	●	●	●	●
		1	0.02 ~ 0.2 MPa setting	●	●	●	●	●	●
	g	+							
		Nil	Polycarbonate bowl	●	●	●	●	●	●
		2	Metal bowl	●	●	●	●	●	●
		8	Metal bowl with level gauge	—	●	●	●	●	●
		C	With bowl guard	●	—	—	—	—	—
	h	+							
		Nil	With bowl guard	●	●	●	●	●	●
		J	Drain guide 1/8	●	—	—	—	—	—
		W	Drain guide 1/4	—	●	●	●	●	●
		+							
	i	W	Drain cock with barb fitting (For ø6 x ø4 nylon tube)	—	●	●	●	●	●
		+							
7	Lubricator/lubricant exhaust port	Nil	Without drain cock	●	●	●	●	●	●
		3	Lubricator with drain cock	●	●	●	●	●	●

Ordersymbol

	Symbol	Description	① Body size					
			20	30	40	45	50	60
⑥ Semi-standard	j Exhaust mechanism	Nil Relieving type	●	●	●	●	●	●
		N Non-relieving type	●	●	●	●	●	●
	k Flow direction	Nil Flow direction: Left to right	●	●	●	●	●	●
		R Flow direction: Right to left	●	●	●	●	●	●

Note 1) When pressure is not applied, condensate which does not start the auto drain mechanism will be left in the bowl. Releasing the residual condensate before ending operations for the day is recommended.

Note 2) If the compressor is small (0.75 kW, discharge flow is less than 100 L/min (ANR)), air leakage from the draincock may occur during start of operations. N.C. type is recommended.

Note 3) When the pressure gauge is attached, a 1.0 MPa pressure gauge will be fitted for standard (0.85 MPa) type. 0.4 MPa pressure gauge for 0.2 MPa type.

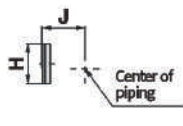
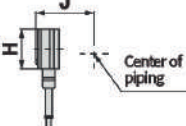
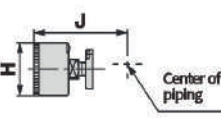

Commonspecification

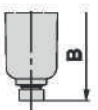
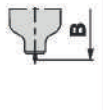
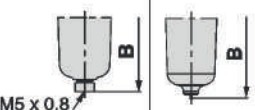


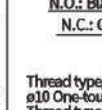
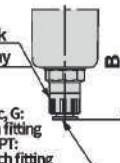
Model		AC20A-B	AC30A-B	AC40A-B	AC50A-B	AC60A-B
Component	Filter Regulator [AW]	AW20-B	AW30-B	AW40-B	AW60-B	AW60-B
	Lubricator [AL]	AL20-A	AL30-A	AL40-A	AL50-A	AL60-A
Port size		1/8、1/4	1/4、3/8	1/4、3/8、1/2	3/4、1	1
Pressure gauge port size [AW] ^{Note1)}		1/8				
Fluid		Air				
Ambient and fluid temperature ^{Note2)}		-5 to 60°C (with no freezing)				
Proof pressure		1.5 MPa				
Maximum operating pressure		1.0 MPa				
Set pressure range [AW]		0.05 ~ 0.85 MPa				
Nominal filtration rating [AW]		5 μm				
Recommended lubricant [AL]		Class 1 turbine oil (ISO VG32)				
Bowl material [AW/AL]		Polycarbonate				
Bowl guard [AW/AL]		Semi-standard (Steel)	Standard (Polycarbonate)			
Construction [AW]		Relieving type				
Weight [kg]		0.33	0.63	1.15	3.21	3.36

Note 1) Pressure gauge connection threads are not available for F.R.L. unit with a square embedded type pressure gauge or with a digital pressure switch.

Note 2) -5 to 50°C for the products with the digital pressure switch

Shapedimensionfigure

Option	Square embedded type pressure gauge	Digital pressure switch	Round type pressure gauge	Round type pressure gauge (with color zone)
Dimensions				

Applicable model	AC10A-A		AC20A-B				AC30A-B ~ AC60A-B
Optional/Semi-standard specifications	With auto drain	Metal bowl	With auto drain/bowl	Metal bowl	With drain guide	Metal bowl with drain guide	With auto drain (N.O./N.C.)
Dimensions							

Applicable model	AC30A-B ~ AC60A-B					
Optional/Semi-standard specifications	Metal bowl	Metal bowl with drain guide	Metal bowl with level gauge	Metal bowl with level gauge, with drain guide	With drain guide	Drain cock with barb fitting
Dimensions	