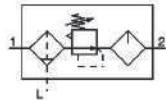


Symbol



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	—	—	—	●	●
		10	1	—	—	—	●	●
④	Option	a	Float type auto drain	Nil	Without auto drain	●	●	●
		C	Note ⑩)	N.C. (Normally closed)	Drain port is closed when pressure is not applied.	●	●	●
		D		N.O. (Normally open)	Drain port is open when pressure is not applied.	—	●	●
		+						
		b	Pressure gauge	Nil	Without pressure gauge	●	●	●
		E	Note ⑪)	Square embedded type	pressure gauge (with limit indicator)	●	●	●
		G		Round type pressure gauge	(without limit indicator)	●	●	●
		M		Round type pressure gauge	(with color zone)	●	●	●
		E1	Output: NPN output, Electrical entry: Wiring bottom entry			●	●	●
		E2				●	●	●
⑤	Attachment	b	Digital pressure switch	E3	Output: PNP output, Electrical entry: Wiring bottom entry	●	●	●
		E4			●	●	●	
		+						
		d	Check valve	Nil	Without attachment	●	●	●
		S		Mounting position: AW+S+AL		●	●	●
		+						
		e	Pressure relief 3 port valve	Nil	Without attachment	●	●	●
		V		Mounting position: AW+AL+V		●	●	—
		+						
⑥	Semi-standard	f	Set pressure	Nil	0.05 ~ 0.85 MPa setting	●	●	●
		1		0.02 ~ 0.2 MPa setting		●	●	●
		+						
		g	Bowl	Nil	Polycarbonate bowl	●	●	●
		2		Metal bowl		●	●	●
		8		Metal bowl with level gauge		—	●	●
		C		With bowl guard		●	—	—
		+						
		h	Filter regulator drain por	Nil	With bowl guard	●	●	●
		J	Note ⑫)	Drain guide 1/8		●	—	—
		W		Drain guide 1/4		—	●	●
		+				—	●	●
		i	Lubricator lubricant exhaust port	Nil	Without drain cock	●	●	●
		3		Lubricator with drain cock		●	●	●

Ordersymbol

		Symbol	Description		① Body size							
⑥	Semi-standard	j	Exhaust mechanism	Nil	Relieving type		20	30	40	45	50	60
				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 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.

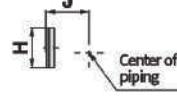
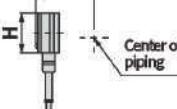
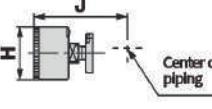
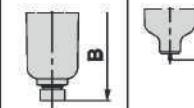
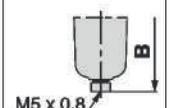
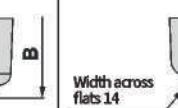
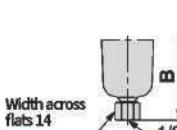
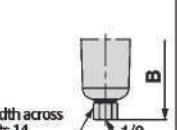
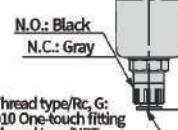
Commonspecification

Model	AC20A-B	AC30A-B	AC40A-B	AC50A-B	AC60A-B
Component	Filter Regulator [AW]	AW20-B	AW30-B	AW40-B	AW60-B
	Lubricator [AL]	AL20-A	AL30-A	AL40-A	AL50-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] ^{Note 1)}			1/8		
Fluid			Air		
Ambient and fluid temperature ^{Note 2)}			-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 mode	AC10A-A	AC20A-B		AC30A-B ~ AC60A-B	
Optional/Semi-standard specifications	With auto drain	Metal bowl	With auto drain bow	Metal bowl	
Dimensions					
Applicable mode	AC30A-B ~ AC60A-B				
Optional/Semi-standard specifications	With drain guide	Metal bowl with drain guide	Width across flats 14 1/8	Width across flats 14 1/8	
Dimensions					
Applicable mode	AC30A-B ~ AC60A-B				
Optional/Semi-standard specifications	Metal bowl	Metal bowl with drain guide	Metal bowl with level gauge, with drain guide	With drain guide	Drain cock with barb fitting
Dimensions	