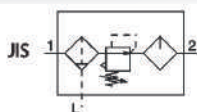


**Symbol**



**Ordersymbol**

**AC 30 - 03 DE - - - B**

1 2 3 4 5 6

- Option/Semi-standard: Select one each for **a** to **m**.
- Option/Semi-standard symbol: When more than one specification is required, indicate in alphanumeric order.  
Example) AC30-F03DE1-KSTV-136NR-B



		Symbol	Description	1							
				Body size							
				20	25	30	40	45	50	60	
2	Pipethread type	Nil	Rc	●	●	●	●	●	●	●	
		N <sup>Note 2</sup>	NPT	●	●	●	●	●	●	●	
		F <sup>Note 2</sup>	G	●	●	●	●	●	●	●	
+											
3	Port size	01	1/8	●	—	—	—	—	—	—	
		02	1/4	●	●	●	●	—	—	—	
		03	3/8	—	●	●	●	—	—	—	
		04	1/2	—	—	—	●	—	—	—	
		06	3/4	—	—	—	—	●	●	—	
		10	1	—	—	—	—	●	●	●	
+											
4	a	Float type auto drain	Nil	Without auto drain	●	●	●	●	●	●	●
			C	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	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	Pressureswitch	Nil	Without attachment	●	●	●	●	●	●
S				Mounting position: AF+AR+S+AL	●	●	●	●	●	●	●
+											
e		T-spacer	Nil	Without attachment	●	●	●	●	●	●	●
			T	Mounting position: AF+T+AR+AL	●	●	●	●	●	●	●
+											
f	Pressure relief 3 port valve	Nil	Without attachment	●	●	●	●	●	●	●	
		V	Mounting position: AF+AR+AL+V	●	●	●	●	●	●	—	
+											
6	g	Set pressure	Nil	0.05 ~ 0.85 MPa setting	●	●	●	●	●	●	●
			1	0.02 ~ 0.2 MPa setting	●	●	●	●	●	●	●
	+										
	h	Bowl	Nil	Polycarbonate bowl	●	●	●	●	●	●	●
			2	Metal bowl	●	●	●	●	●	●	●
			8	Metal bowl with level gauge	—	●	●	●	●	●	●
			C	With bowl guard	●	—	—	—	—	—	—
	+										
	i	Air filter/drain port <sup>Note 1B</sup>	Nil	With bowl guard	●	●	●	●	●	●	●
			J	Drain guide 1/8	●	—	—	—	—	—	—
				Drain guide 1/4	—	●	●	●	●	●	●
	W	Drain cock with barb fitting (for ø6 x ø4 nylon tube)	—	●	●	●	●	●	●		
	+										
j	Lubricator/lubricant exhaust port	Nil	Without drain cock	●	●	●	●	●	●	●	
		3	Lubricator with drain cock	●	●	●	●	●	●	●	

## Ordersymbol

		Symbol	Description	①							
				Body size							
				20	25	30	40	45	50	60	
⑥	k	Exhaust mechanism	Nil	Relieving type	●	●	●	●	●	●	●
			N	Non-relieving type	●	●	●	●	●	●	
	l	Flow direction	+								
			Nil	Flow direction: Left to right	●	●	●	●	●	●	
			R	Flow direction: Right to left	●	●	●	●	●	●	

Note 1) Options G, M are not assembled and supplied loose at the time of shipment.

Note 2) 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.

## Commonspecification

Model		AC20-B	AC30-B	AC40-B	AC45-B	AC50-B	AC60-B
Component	Air Filter [AF]	AF20-A	AF30-A	AF40-A	AF45-A	AF50-A	AF60-A
	Regulator [AR]	AR20-B	AR30-B	AR40-B	AR45-B	AR50-B	AR60-B
	Lubricator [AL]	AL20-A	AL30-A	AL40-A	AL45-A	AL50-A	AL60-A
Port size		1/8, 1/4	1/4, 3/8	1/4, 3/8, 1/2	3/4, 1	3/4, 1	1
Pressure gauge port size [AR] <sup>Note 1)</sup>		1/8					
Fluid		Air					
Ambient and fluid temperature <sup>Note 2)</sup>		-5 to 60°C (with no freezing)					
Proof pressure		1.5 MPa					
Maximum operating pressure		1.0 MPa					
Set pressure range [AR]		0.05 ~ 0.85 MPa					
Nominal filtration rating [AF]		5 μm					
Recommended lubricant [AL]		Class 1 turbine oil (ISO VG32)					
Bowl material [AF/AL]		Polycarbonate					
Bowl guard [AF/AL]		Semi-standard (Steel)		Standard (Polycarbonate)			
Construction [AR]		Relieving type					
Weight [kg]		0.39	0.78	1.39	1.53	3.43	3.76

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

## Flow characteristics (Representative values)

Condition: Inlet pressure 0.7 MPa

