

RC5 Series

Pilot Operated Solenoid Valve
Rubber Seal/In-line Mounting Type

RCS245

2-position, single solenoid

RCD245

2-position, double solenoid

RCD345

3-position, closed center

RCE345

3-position, ABR connect

RCO345

3-position, PAB connect

RCL245(Latch type)

2-position, latching solenoid

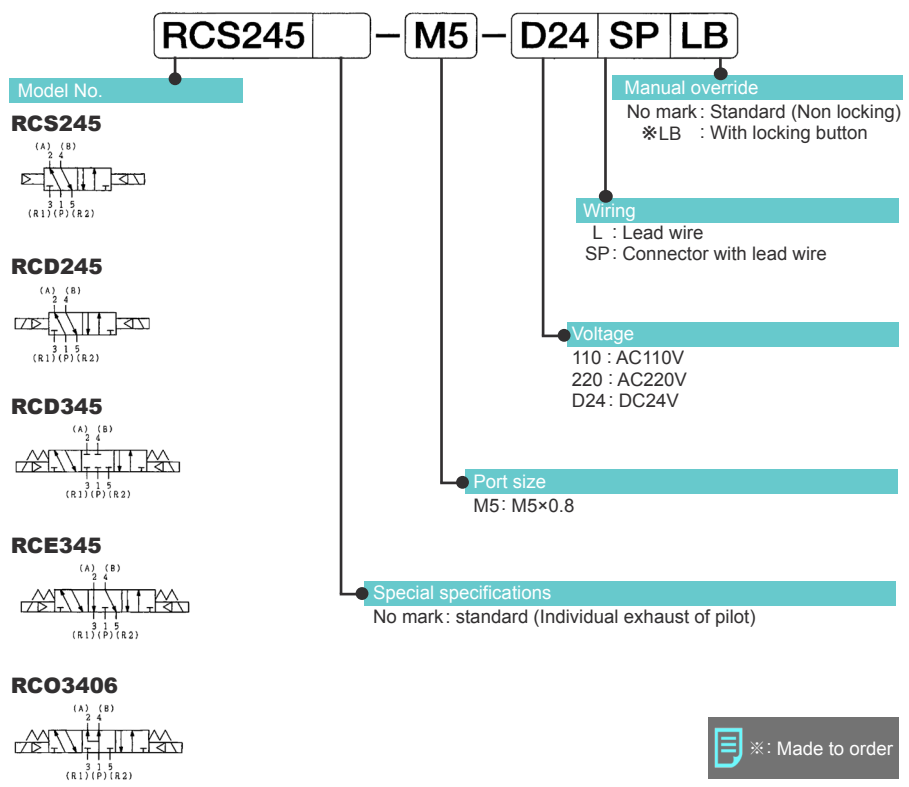


Specifications(Standard)

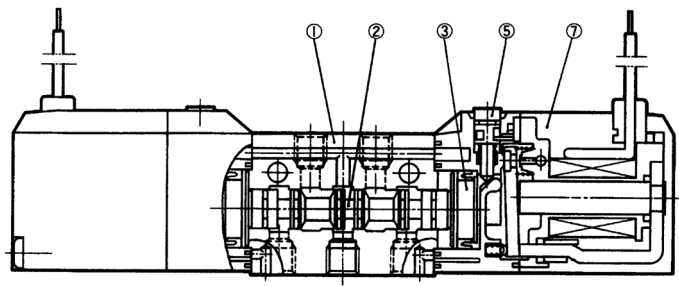
Model No.				Unit	PCS245	PCD245	PCD345	PCE345	PCO345			
Fluid					Non-lubricated/lubricated air							
Port size					M5							
Effective area				mm ²	4(0.22)		2.2(0.12)					
Operating ambient temperature				°C	-5 ~ 50							
Minimum operating pressure				MPa	0.15	0.1	0.15					
Pressure range				MPa	0.2 ~ 0.8							
Maximum frequency				cycle/min	AC:900 DC:1200(L type) 900(SP type)							
Response time	DC	L type	ON	s	0.016	0.012	0.012					
			OFF		0.020	—	0.022					
		SP type	ON		0.016	0.012	0.012					
			OFF		0.03	—	0.04					
	AC L SP	50Hz	ON		0.014	0.008	0.008					
			OFF		0.037	—	0.047					
		60Hz	ON		0.014	0.008	0.008					
			OFF		0.03	—	0.04					
		Rated voltage				V	AC/110,220 DC24					
		Permission voltage fluctuation				%	AC±10 DC+10, -15					
Rated frequency				Hz	50/60							
Power consumption	AC	Holding	50Hz	VA	2.5(110/220)							
			60Hz	VA	2.0(110/220)							
		Inlush	50Hz	VA	2.9(110/220)							
			60Hz	VA	2.5(110/220)							
Power consumption				W	1.8							
Grade of insulation					JIS grade B							
Wiring					Lead wire(L), connector with lead wire(SP)							
Mass		L type		g	62	94	103					
		SP type			62	94	103					

Note: Supply complete-dry air to avoid freezing when temperature of valve site falls below 5°C

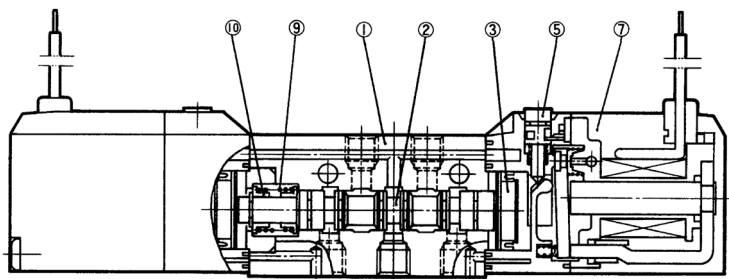
PC/RC5.13



RCD245



RCD345,RCE345,RCO345



Optional Parts and Spare parts

Connector with lead wire

PC5 - D24 - CL5

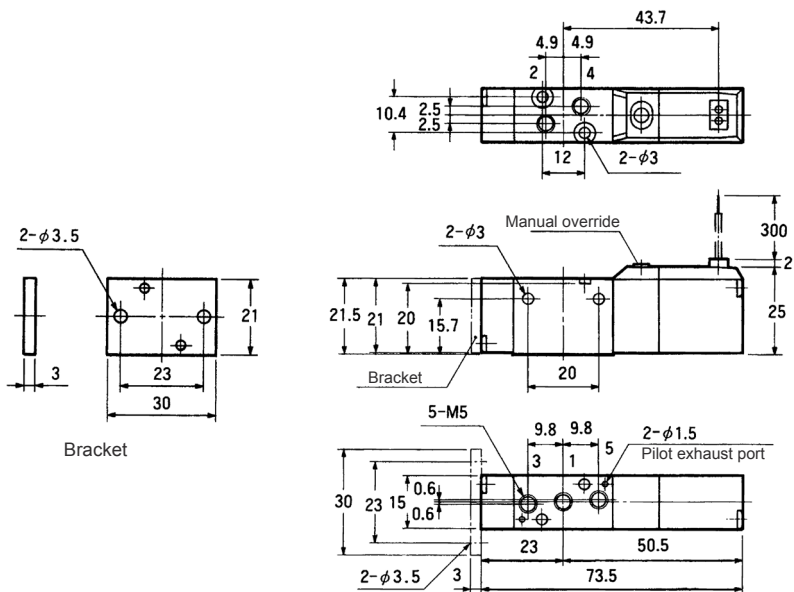
Voltage	Lead wire length
110 : AC110V	CL5 : 500mm (standard)
220 : AC220V	CL10 : 1000mm
D24 : DC24V	CL20 : 2000mm
	CL30 : 3000mm
	CL50 : 5000mm

Bracket

Parts Name	Model No.
Bracket	PC5 - B

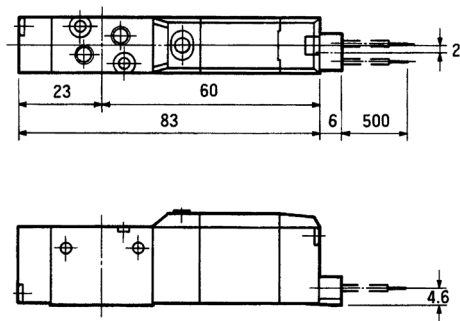
RCS245(L type)

(Unit: mm)



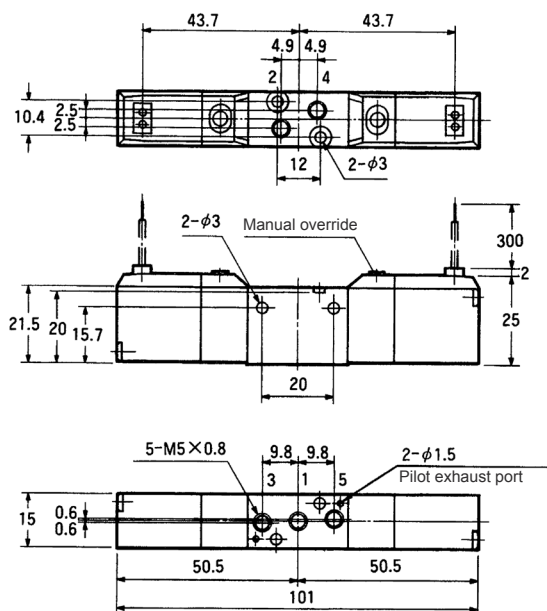
RCS245(SP type)

(Unit: mm)



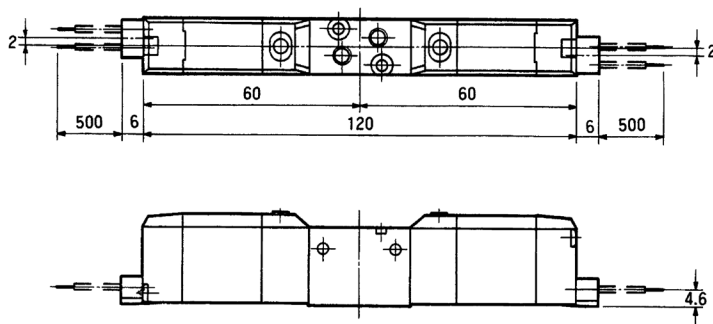
RCD245(L type)

(Unit: mm)



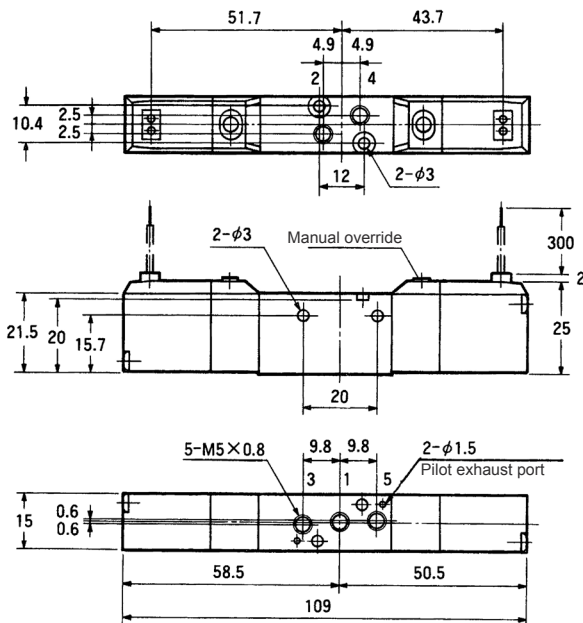
RCD245(SP type)

(Unit: mm)



RCD345, RCE345, RCO345(L type)

(Unit: mm)



RCD345, RCE345, RCO345(SP type)

(Unit: mm)

