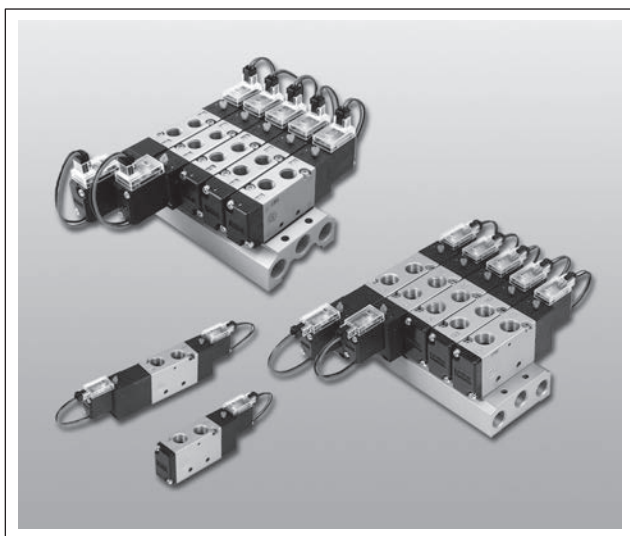


Directional control - SK series Solenoid valve

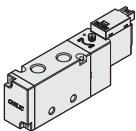
Solenoid valve - SK500 , SK600 , SK800

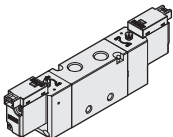
CHELIC PNEUMATIC

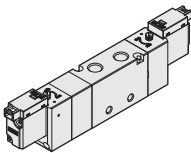


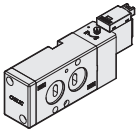
Provide CAD external dimension.

with indicator light and voltage protection circuit.

	Solenoid valve single coil ----- (5 ports 2 positions)	SK - 500 series ----- Rc 1/8" -----	P.2-1.129
		SK - 600 series ----- Rc 1/8" , Rc 1/4" -----	P.2-1.131
		SK - 800 series ----- Rc 1/4" , Rc 3/8" -----	P.2-1.133

	Solenoid valve double coils ----- (5 ports 2 positions)	SK - 500 series ----- Rc 1/8" -----	P.2-1.129
		SK - 600 series ----- Rc 1/8" , Rc 1/4" -----	P.2-1.131
		SK - 800 series ----- Rc 1/4" , Rc 3/8" -----	P.2-1.133

	Solenoid valve double coils ----- (5 ports 3 positions)	SK - 500 series ----- Rc 1/8" -----	P.2-1.130
		SK - 600 series ----- Rc 1/8" , Rc 1/4" -----	P.2-1.132
		SK - 800 series ----- Rc 1/4" , Rc 3/8" -----	P.2-1.134

	Solenoid valve side hole ----- (5 ports 2 positions)	SNK - 600 series ----- Rc 1/4" -----	P.2-1.138
		SNK - 800 series ----- Rc 3/8" -----	P.2-1.139

SM
Solenoid Valve

SMB
Solenoid Valve

SMU
Solenoid Valve

SMUB
Solenoid Valve

SR
Solenoid Valve

SRB
Solenoid Valve

SRU
Solenoid Valve

SRUB
Solenoid Valve

SRK
Solenoid Valve

SK
Solenoid Valve

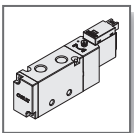
SNK
Solenoid Valve

SKU
Solenoid Valve

SV
Solenoid Valve

SN
Solenoid Valve

SV310
Solenoid Valve



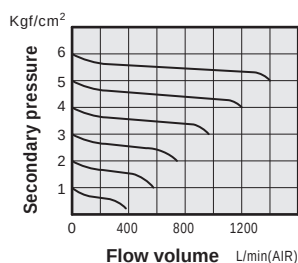
SK series - Solenoid valve

Flow rate and Applicable cylinder

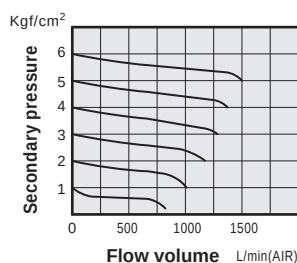
CHELIC PNEUMATIC

Flow rate characteristics

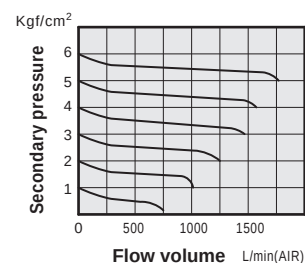
SK 500 series



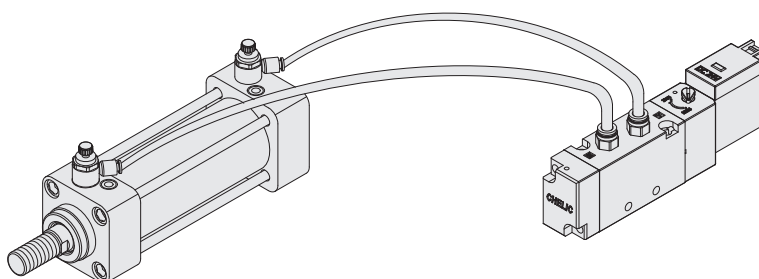
SK 600 series



SK 800 series



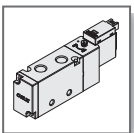
Applicable cylinder (Reference)



Max. driving speed of the cylinder (Length of piping : 1m , Port size : Ø8)

(Port size : Ø10)

Model	CV value	Cylinder speed mm/s	SDA , DB , FDA series						DMB , DN , DU series					
			Ø12	Ø16	Ø20	Ø25	Ø32	Ø40	Ø40	Ø50	Ø63	Ø80	Ø100	Ø125
SK500	0.67	150												
		300												
		450												
		600												
		750												
		900												
SK600	0.78	150												
		300												
		450												
		600												
		750												
		900												
SK800	1.0	150												
		300												
		450												
		600												
		750												
		900												

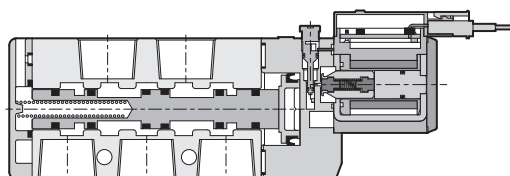
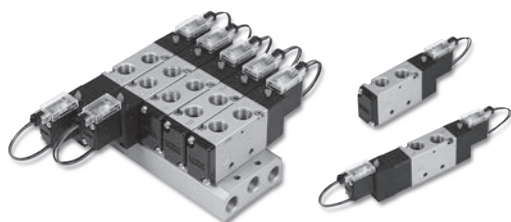


SK series - 500、600、800 Solenoid valve

Operating specification and Order expression

CHELIC PNEUMATIC

Internal structure



SM
Solenoid Valve

SMB
Solenoid Valve

SMU
Solenoid Valve

SMUB
Solenoid Valve

SR
Solenoid Valve

SRB
Solenoid Valve

SRU
Solenoid Valve

SRUB
Solenoid Valve

SRK
Solenoid Valve

SK
Solenoid Valve

SNK
Solenoid Valve

SKU
Solenoid Valve

SV
Solenoid Valve

SN
Solenoid Valve

SV310
Solenoid Valve

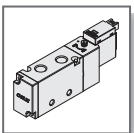
Specification

Item \ Model	SK-5101	SK-5231	SK-6101(2)	SK-6231	SK-8102(3)	SK-8232
	SK-5201		SK-6202(2)	SK-6232	SK-8202(3)	SK-8233
Fluid	Air					
Pressure range kgf/cm²(Kpa)	1.5 ~ 7 (150 ~ 700)					
Range of service temperature °C	0 ~ 60					
Operating method	Pilot operated					
Number of position ports	5 ports 2 positions	5 ports 3 positions	5 ports 2 positions	5 ports 3 positions	5 ports 2 positions	5 ports 3 positions
Valve functions mm²(CV)	Normal closed					
Orifice	12 (0.67)		14 (0.78)		25 (1.4)	
Manual button	Push and lock					
Connection port	Rc1/8		Rc1/8 , Rc 1/4		Rc1/4 , Rc 3/8	
Lubrication	Lubrication free type					

※ We can accept order NPT products.

How to order

SK	5	1	0	2	110V AC	L	M	2
Model	Model number	Coil number	Position no.	With connector type	Voltage	Wire type	No. of manifolds	
SK : Solenoid valve	5 : 500 series 6 : 600 series 8 : 800 series	1: Single 2: Double	0:2 POS. 3:3 POS.	1 : Rc 1/8" 2 : Rc 1/4" 3 : Rc 3/8"	Standard voltage 12V DC 0.7W 24V DC 1.5W 110V AC 3W 220V AC 3W	Standard With wire length 450mm	 None : without manifold M2 = 2 sets M3 = 3 sets ... M12 = 12 sets	



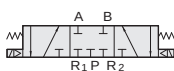
SK series Solenoid valve - SK 500

External dimension

CHELIC PNEUMATIC

SK-5231-□ series

Double 5 ports 3 positions



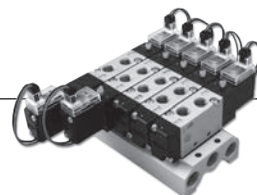
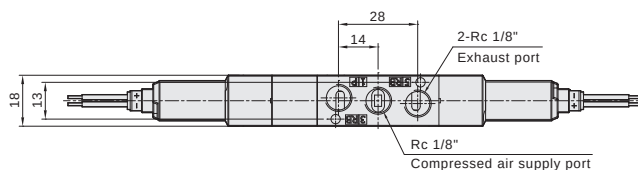
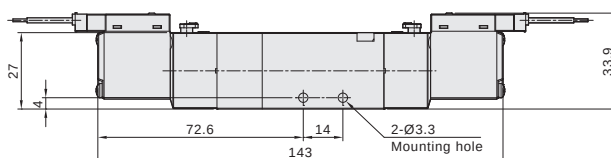
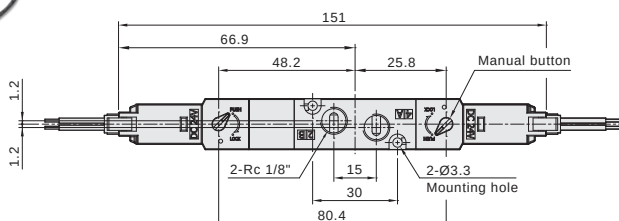
SK-5231-NC (Normal close) N.C.



SK-5231-NF (Exhaust) N.F.

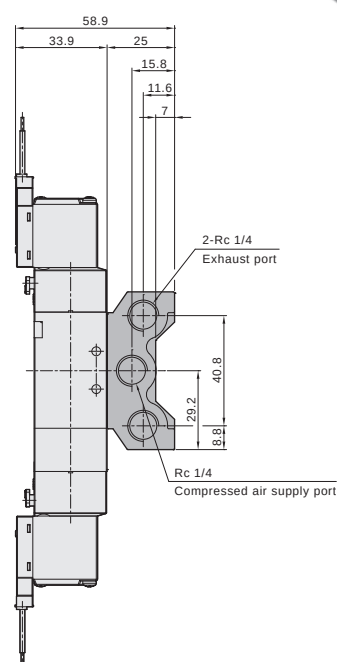
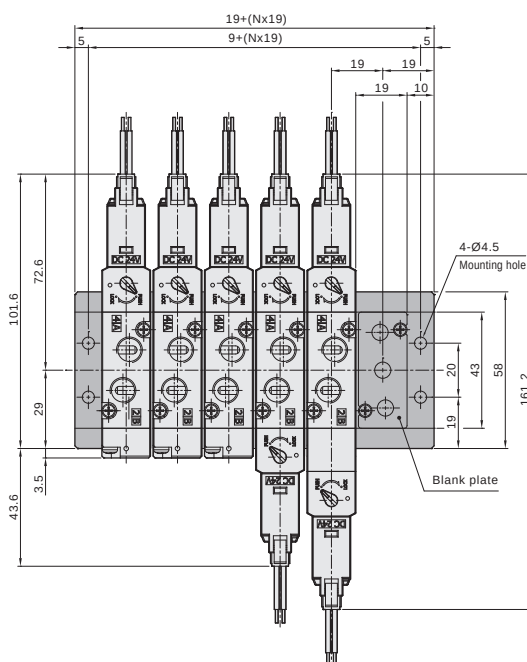


SK-5231-NO (Normal open) N.O.

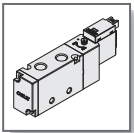


SK-500 series

Manifold dimension



Note : Blank plate with rubber lining is reserved for temporary storage space of solenoid valves.



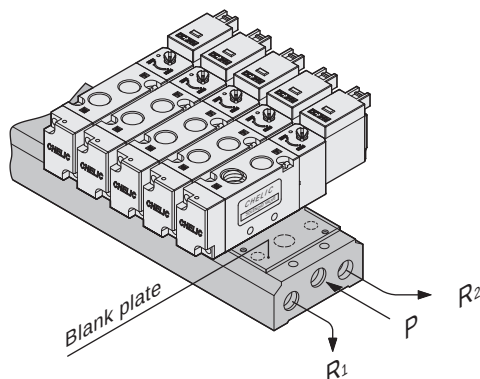
SK series - Solenoid valve

Accessories and Installation

CHELIC PNEUMATIC

Manifold

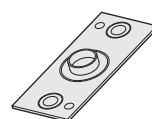
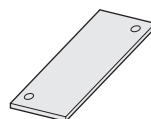
SK-500 , 600 , 800 series



Manifold

SK-500 , 600 , 800 series

※ The accessories of blank plate.



Blank plate

SK-500 series	MSV-5056
SK-600 series	MSV-6056
SK-800 series	MSV-8056

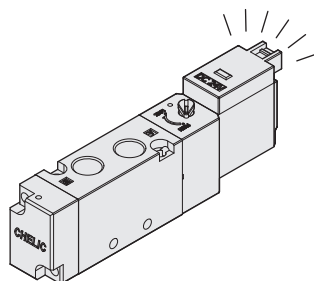
Rubber lining

MSV-5051

Mounting screw

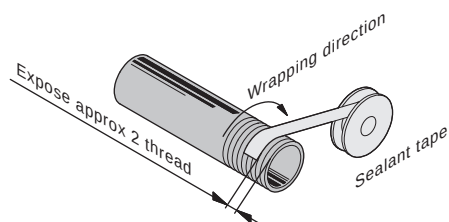
M3×8L
M3×10L
M4×9L

With indicator light



Handling details and precaution

1. Please keep the tube fitting clean.
2. Please wrap the thread by tape seal and leave about 2 pitches Unwrapped at the end to as avoid clogging in the air line.



SM
Solenoid
Valve

SMB
Solenoid
Valve

SMU
Solenoid
Valve

SMUB
Solenoid
Valve

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Valve

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SK
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SNK
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SKU
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SV
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SV310
Solenoid
Valve