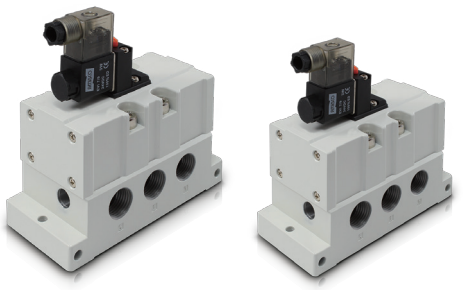
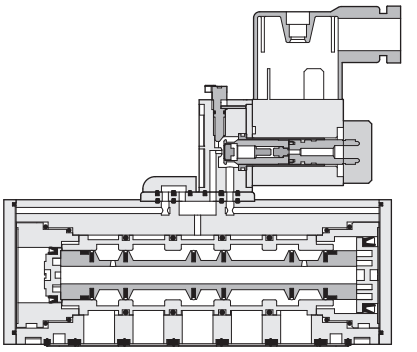
ISO 2/ 3/ 4 series ISO Standard Solenoid Valve

Product features

CHELIC

Internal structure

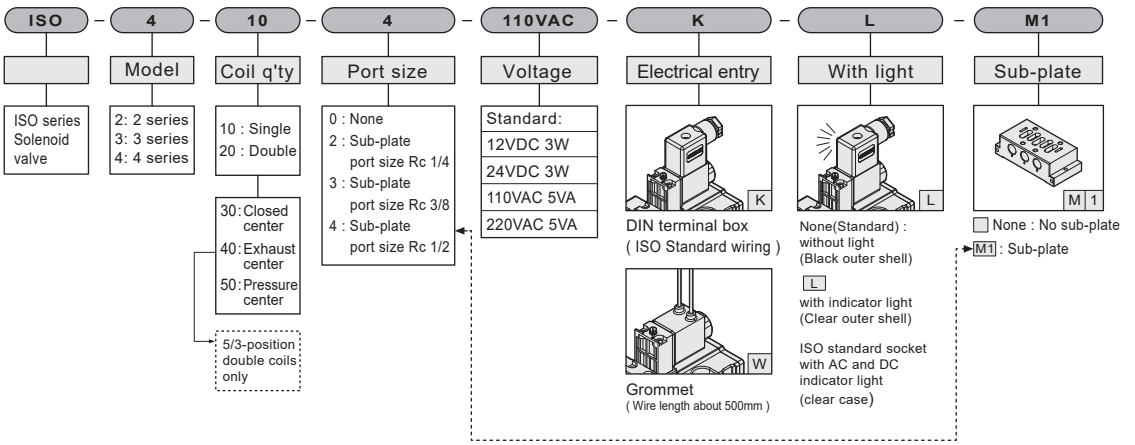




Specification

Item \ Model	ISO 200	ISO 300	ISO 400
Fluid	Air		
Pressure range kgf/cm² (kPa)	2 ~ 7 (200~700)		
Ambient and fluid temperature ℃	5 ~ 60		
Pilot type	Air operated		
Number of positions	5/2-position, 5/3-position		
5/3-position type of actuation	Closed center, Exhaust center, Pressure center		
Effective orifice mm² (CV)	30(Cv=1.66)	40(Cv=2.22)	68(Cv=3.8)
Manual override	Press and turn		
Port size	Rc 1/4	Rc 3/8	Rc 1/2
Lubrication	Lubrication free type		
Sub-plate size	Compliance to ISO-5599-1		

Code of order



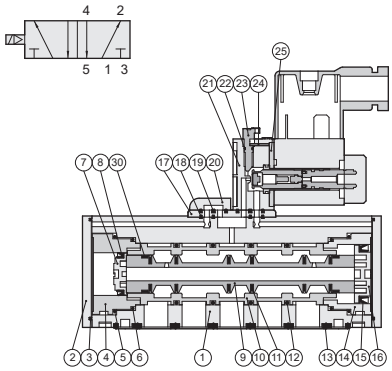
ISO 2/ 3/ 4 series ISO Standard Solenoid Valve

Product features

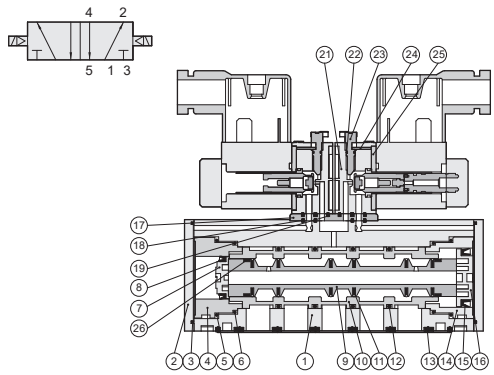
CHELIC

Internal structure

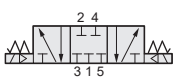
5 port 2-position single



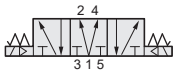
5 port 2-position double



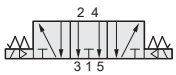
5 port 3-position double



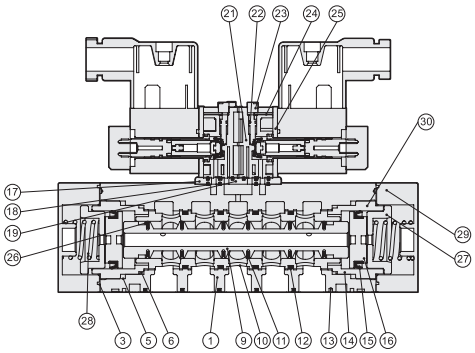
(Closed center N.C.)



(Pressure center N.O.)



(Exhaust center N.F.)



Components and Material list

NO.	Item	Material	NO.	Item	Material
01	Body	Aluminum alloy	16	Piston (Big)	POM
02	Body cover	Aluminum alloy	17	Middle cover plate	Saturated polyester
03	Body cover O-ring	NBR	18	Body rubber	NBR
04	Rad cover (Small)	Aluminum alloy	19	Middle cover rubber	NBR
05	O-ring 29.7*1.9	NBR	20	Blank plate	Saturated polyester
06	O-ring 26*2	NBR	21	Holder	Saturated polyester
07	Piston (Small)	POM	22	O-ring 2.4*0.8	NBR
08	Piston packing	NBR	23	Manual override	POM
09	Shaft	Aluminum alloy	24	Mounting plate	SPCC
10	Shaft shell	Aluminum alloy	25	Fixing plate	SPCC
11	Packing	NBR	26	Wear ring	POM
12	O-ring 21.5*2	NBR	27	Spring baffle	Aluminum alloy
13	O-ring	NBR	28	Spring	Stainless steel
14	Shaft cover (Big)	Aluminum alloy	29	3 ports body cap	Aluminum alloy
15	Piston packing	NBR	30	3 ports rod cap	Aluminum alloy

※ Note: The main body surface coated with white paint.

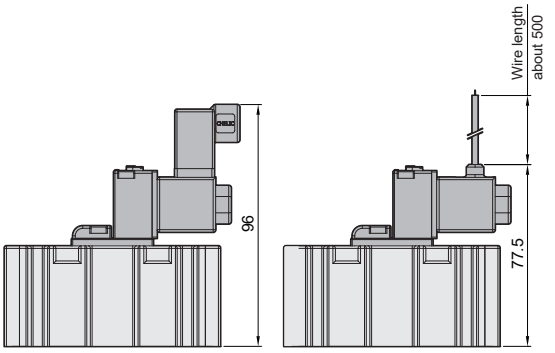
ISO 2 series ISO Standard Solenoid Valve

Dimensions/ Standard/ Single Manifold Standard Type

CHELIC

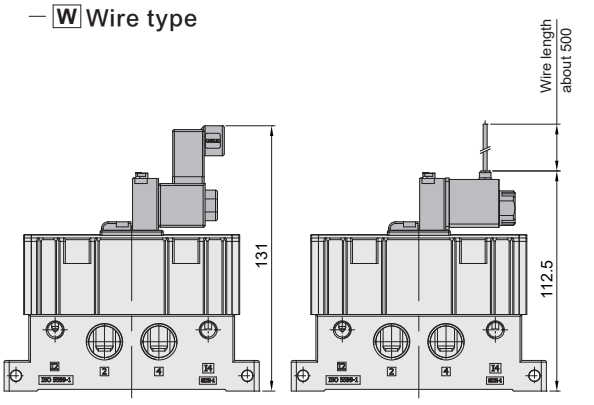
ISO - 2100 series Electrical entry

- K DIN terminal
- K - L With light
- W Wire type



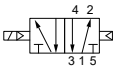
ISO - 2102 - □ - M1 series

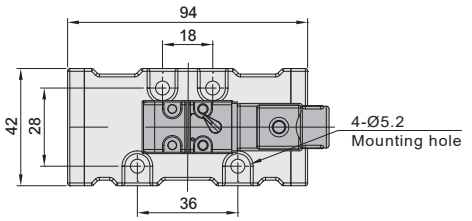
- K DIN terminal
- K - L With light
- W Wire type

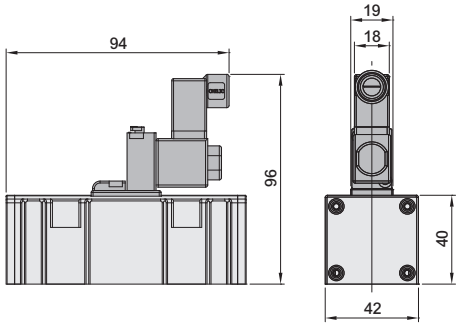


ISO - 2100 series

5 port 2-position single

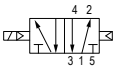


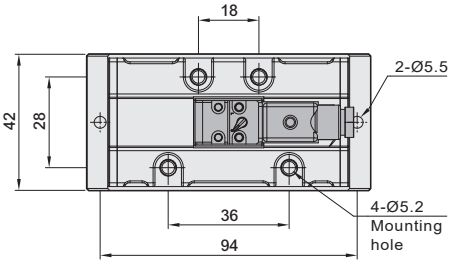


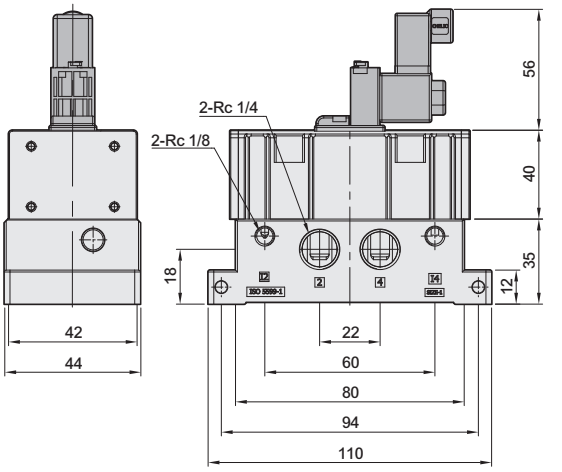


ISO - 2102 - □ - M1 series

5 port 2-position single







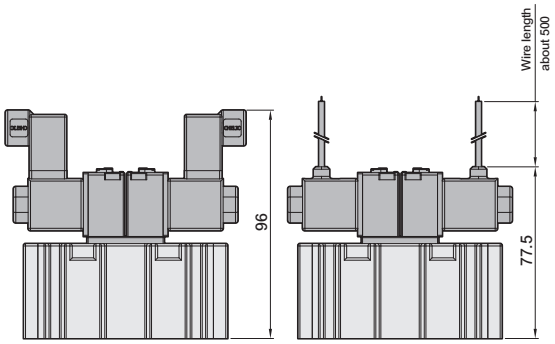
ISO 2 series ISO Standard Solenoid Valve

Dimensions/ Standard/ Single unit sub-plate standard type

CHELIC

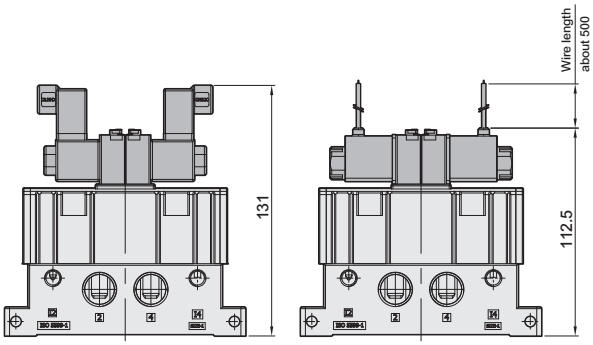
ISO - 2200 series Electrical entry

- K DIN terminal(Standard)
- L With light(option)
- W Wire type(option)

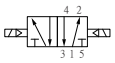


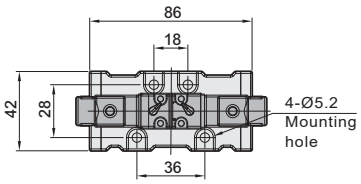
ISO - 2202 - □ - M1 series 5 port 2-position double

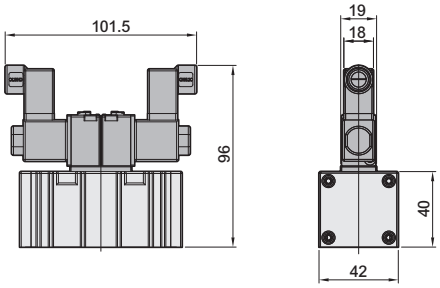
- K DIN terminal(Standard)
- L With light(option)
- W Wire type(option)



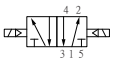
ISO - 2200 series
5 port 2-position double

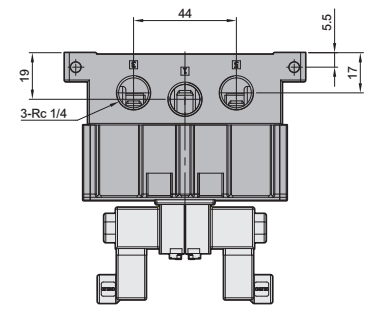


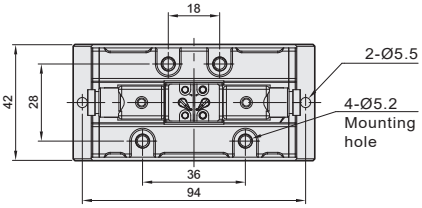


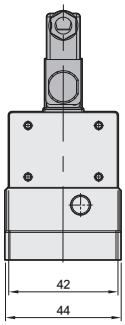


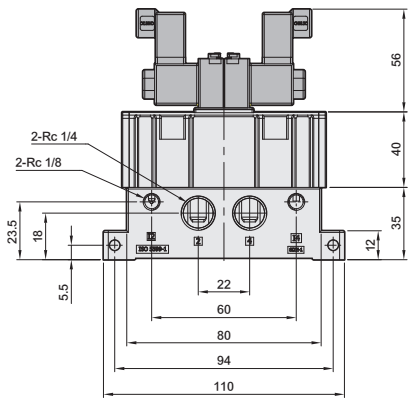
ISO - 2202 - □ - M1 series
5 port 2-position double









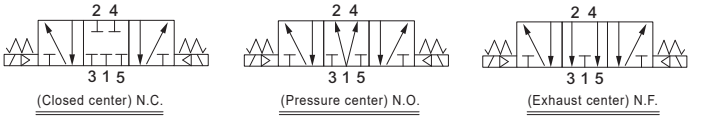


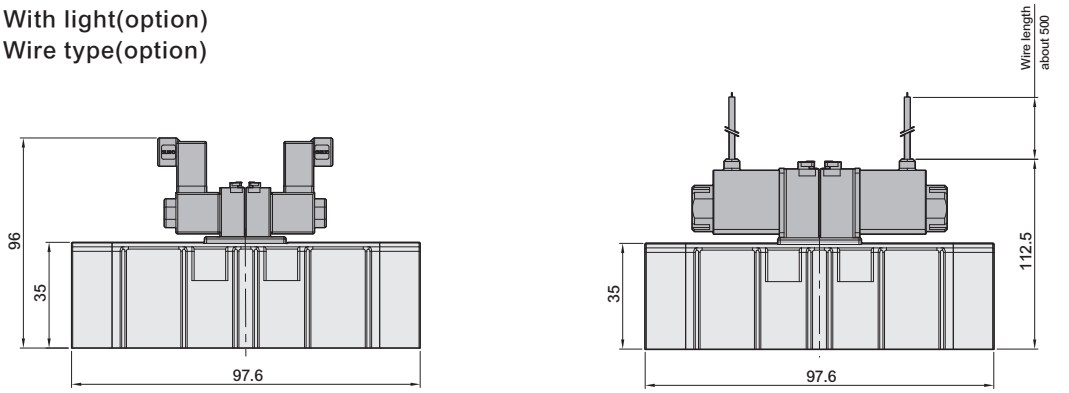
ISO 2 series ISO Standard Solenoid Valve

Dimensions/ Standard/ Single unit sub-plate standard type

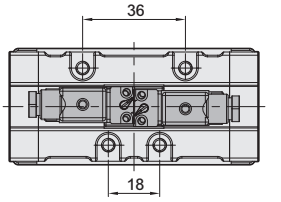
CHELIC

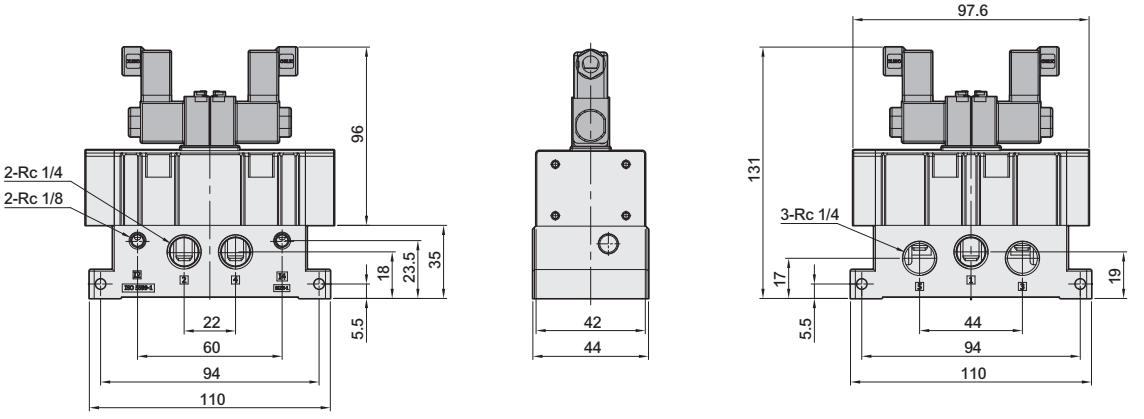
ISO - 2302 - □
ISO - 2402 - □
ISO - 2502 - □
5 port 3-position double
– K DIN terminal(Standard)
– L With light(option)
– W Wire type(option)



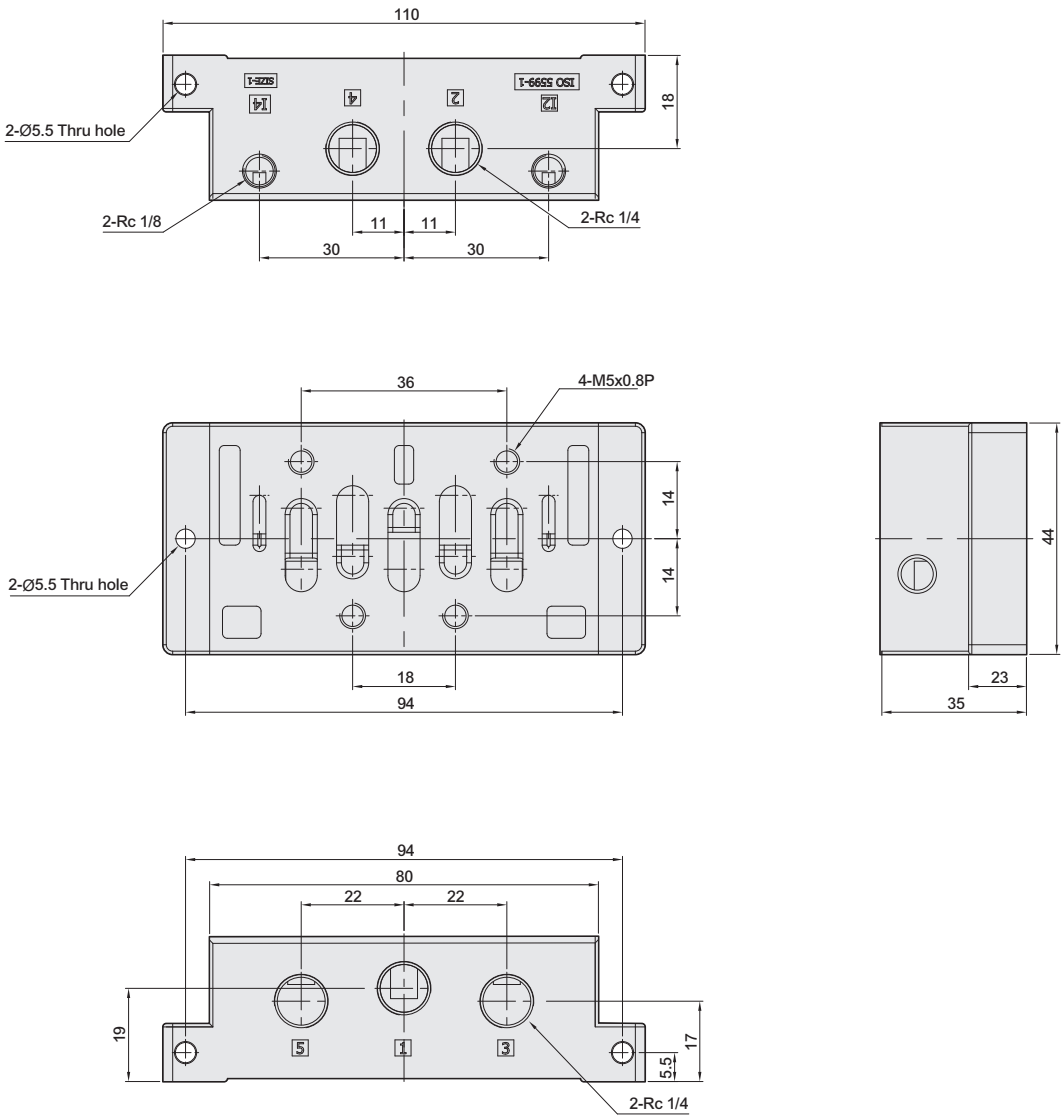


ISO - 2302 - □- M1
ISO - 2402 - □- M1
ISO - 2502 - □- M1
5 port 3-position double
– K DIN terminal(Standard)
– L With light(option)
– W Wire type(option)





M1 : Single manifold type



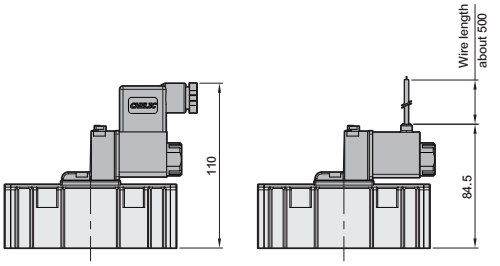
ISO 3 series ISO Standard Solenoid Valve

Dimensions/ Standard/ Single unit sub-plate standard type

CHELIC

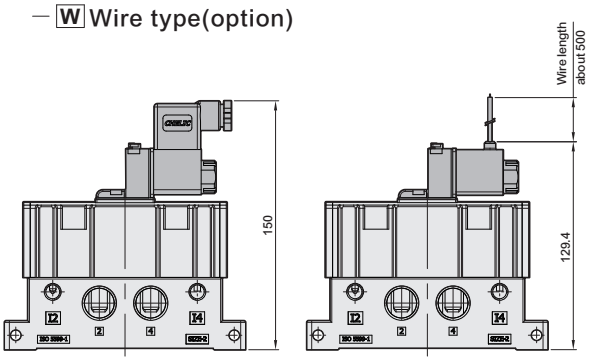
ISO - 3100 series Electrical entry

- K DIN terminal(Standard)
- L With light(option)
- W Wire type(option)



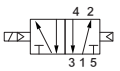
ISO - 3103 - □ - M1 series

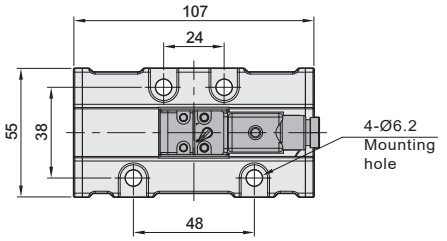
- K DIN terminal(Standard)
- L With light(option)
- W Wire type(option)

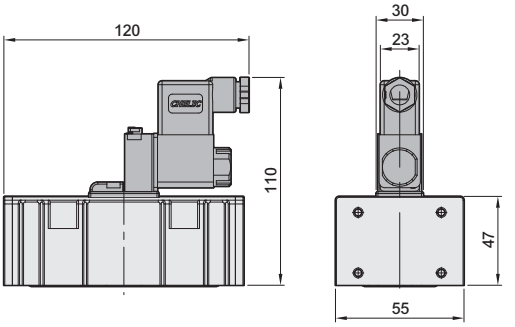


ISO - 3100 series

5 port 2-position single

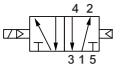


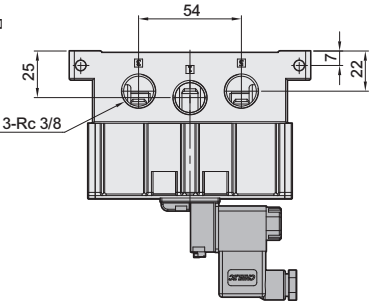


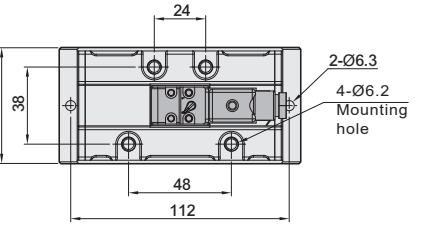


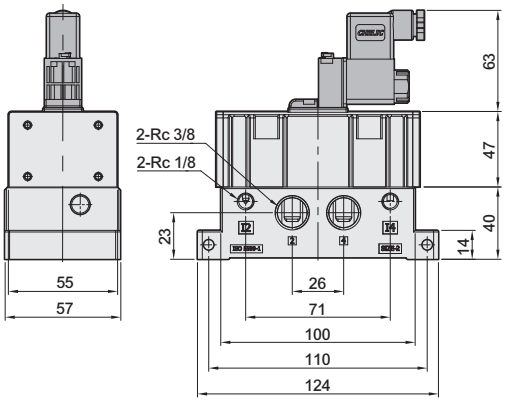
ISO - 3103 - □ - M1 series

5 port 2-position single









ISO 3 series ISO Standard Solenoid Valve

Dimensions/ Standard/ Single unit sub-plate standard type

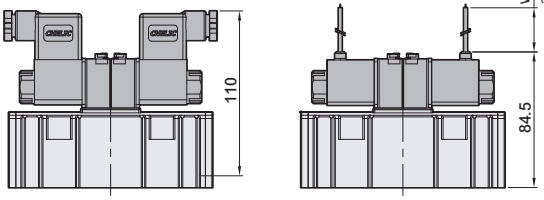
CHELIC

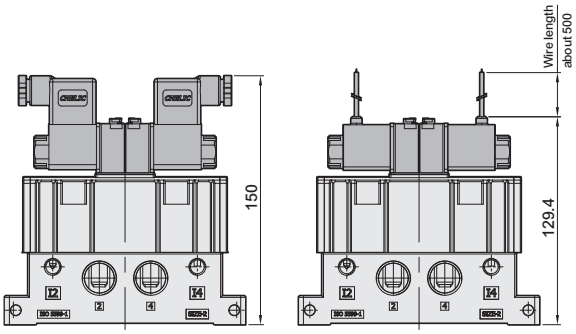
ISO - 3200 series Electrical entry

- K DIN terminal(Standard)
- L With light(option)
- W Wire type(option)

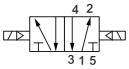
ISO - 3203-□- M1 series 5 port 2-position double

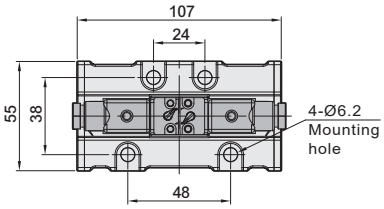
- K DIN terminal(Standard)
- L With light(option)
- W Wire type(option)

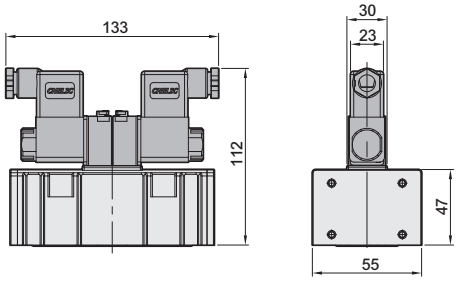




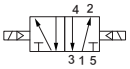
ISO - 3200 series
5 port 2-position double

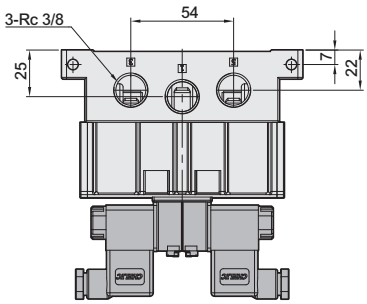


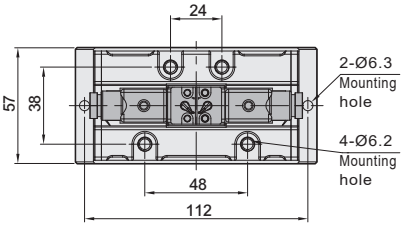


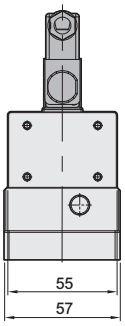


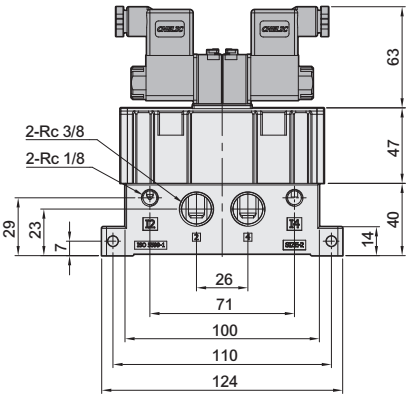
ISO - 3203 -□- M1 series
5 port 2-position double



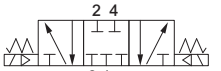




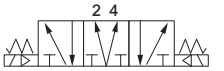




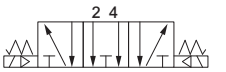
ISO - 3303 - □
ISO - 3403 - □
ISO - 3503 - □
5 port 3-position double
— K DIN terminal(Standard)
— L With light(option)
— W Wire type(option)



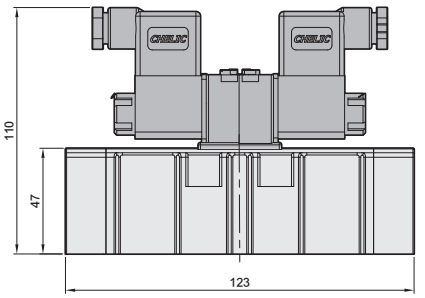
(Closed center) N.C.

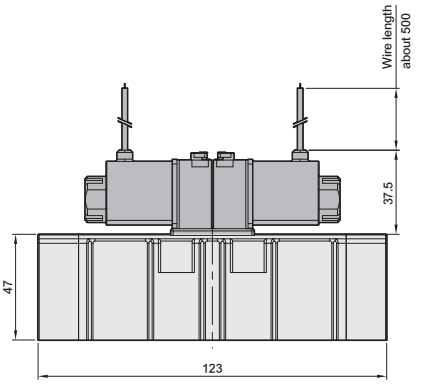


(Pressure center) N.O.

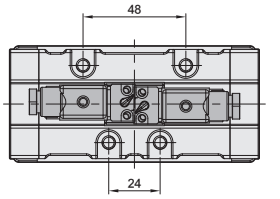


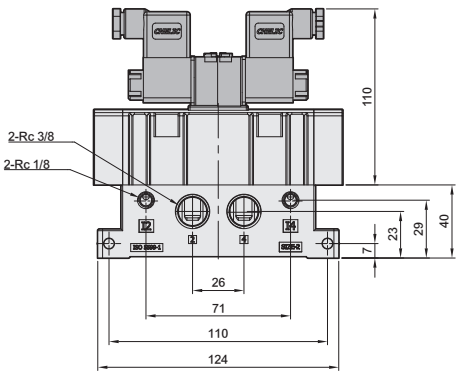
(Exhaust center) N.F.

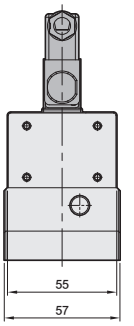


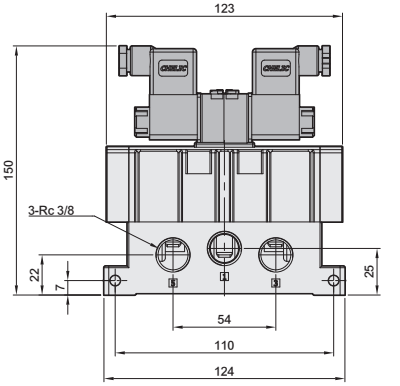


ISO - 3303 - □- M1
ISO - 3403 - □- M1
ISO - 3503 - □- M1
5 port 3-position double

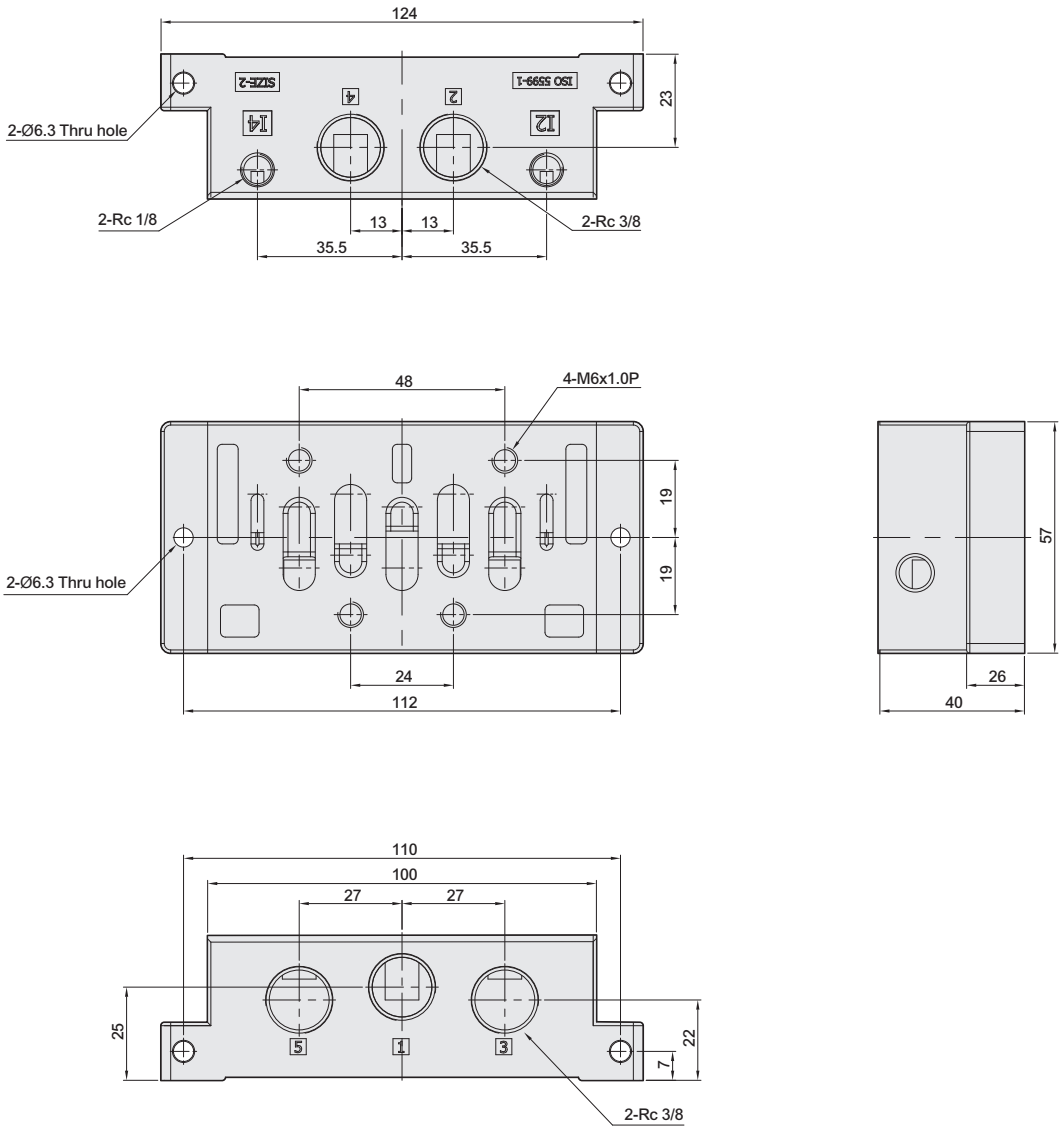








M1 : Single manifold type



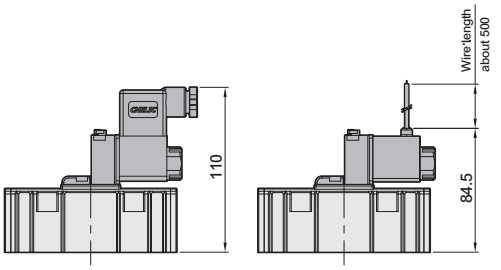
ISO 4 series ISO Standard Solenoid Valve

Dimensions/ Standard/ Single unit sub-plate standard type

CHELIC

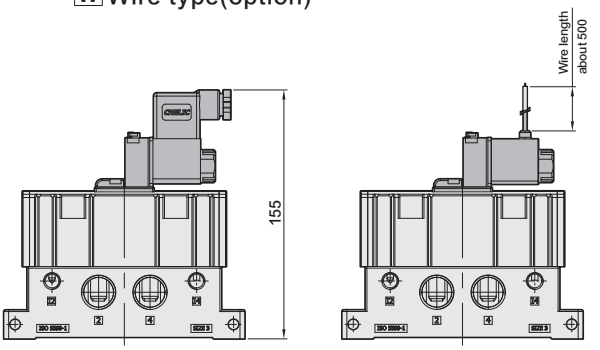
ISO - 4100 series Electrical entry

- K DIN terminal(Standard)
- L With light(option)
- W Wire type(option)



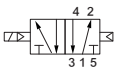
ISO - 4104 - □ - M1 series

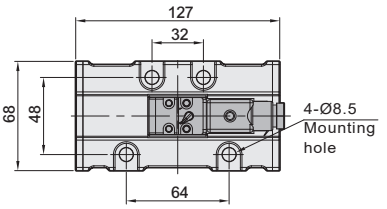
- K DIN terminal(Standard)
- L With light(option)
- W Wire type(option)

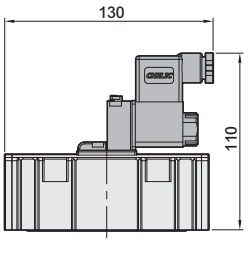


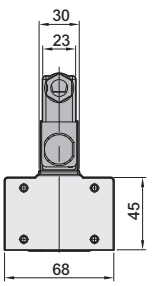
ISO - 4100 series

5 port 2-position single



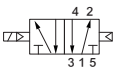


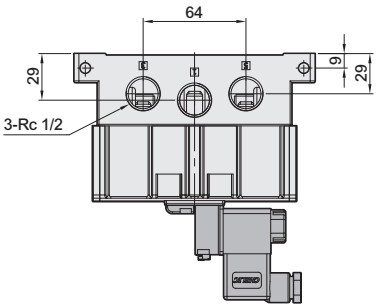


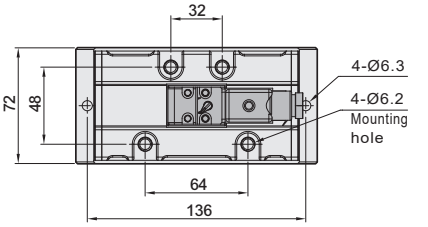


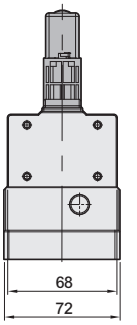
ISO - 4104 - □ - M1 series

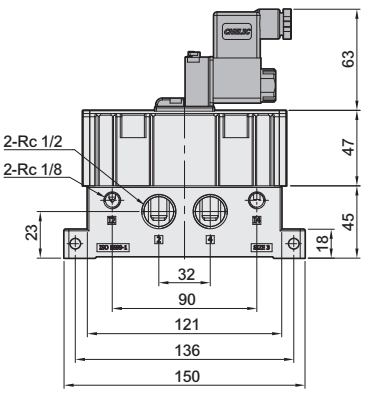
5 port 2-position single











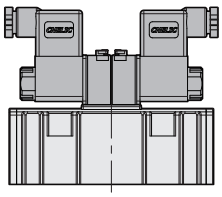
ISO 4 series ISO Standard Solenoid Valve

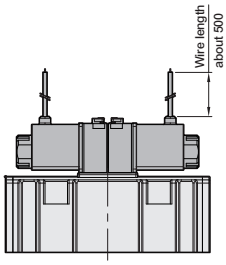
Dimensions/ Standard/ Single unit sub-plate standard type

CHELIC

ISO - 4200 series Electrical entry

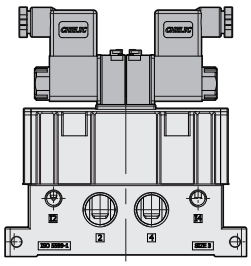
- K DIN terminal(Standard)
- L With light(option)
- W Wire type(option)

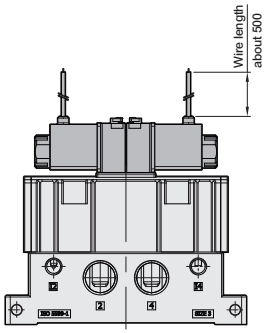




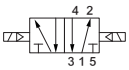
ISO - 4204 - □ - M1 series 5 port 2-position double

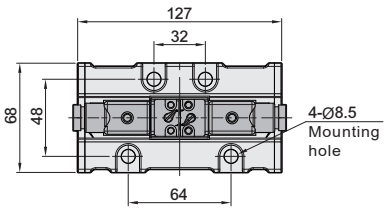
- K DIN terminal(Standard)
- L With light(option)
- W Wire type(option)

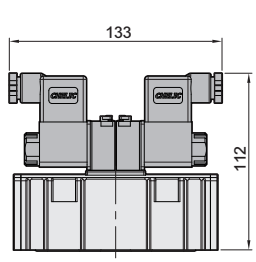


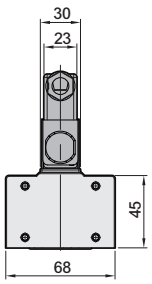


ISO - 4200 series
5 port 2-position double

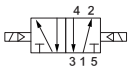


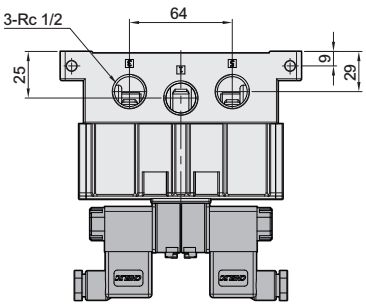


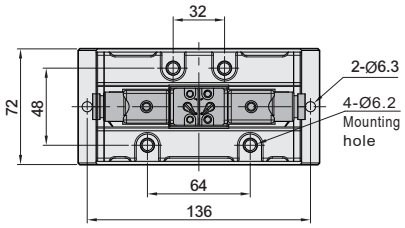


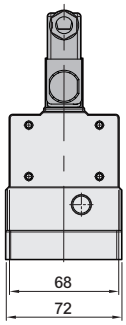


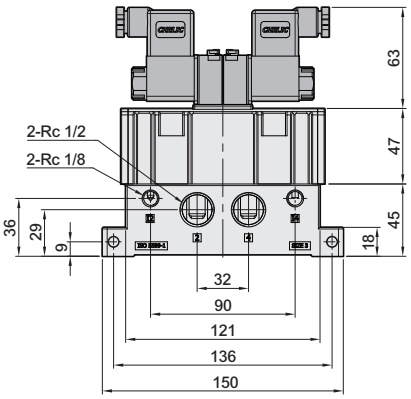
ISO - 4204 - □ - M1 series
5 port 2-position double



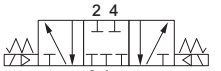




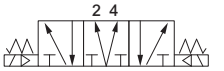




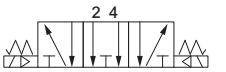
ISO - 4304 - □
ISO - 4404 - □
ISO - 4504 - □
5 port 3-position double
— K DIN terminal(Standard)
— L With light(option)
— W Wire type(option)



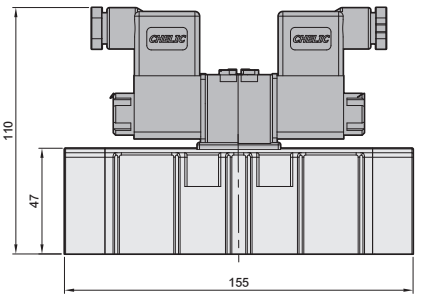
(Closed center) N.C.

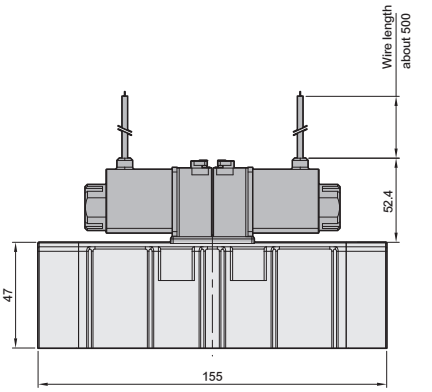


(Pressure center) N.O.

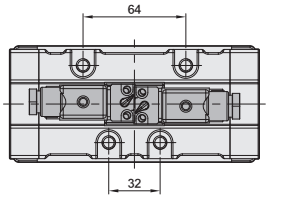


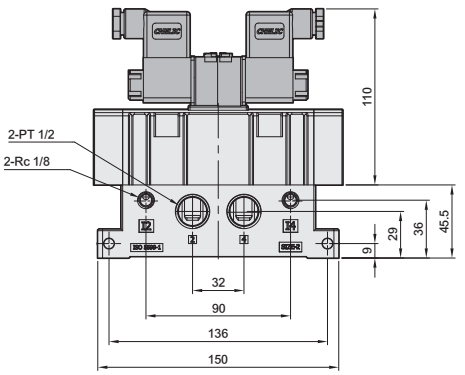
(Exhaust center) N.F.

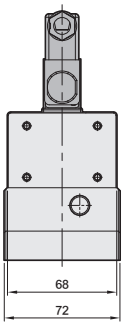


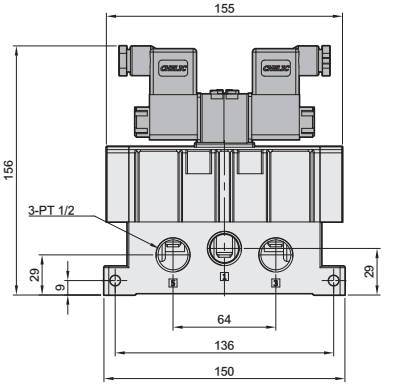


ISO - 4304 - □- M1
ISO - 4404 - □- M1
ISO - 4504 - □- M1
5 port 3-position double









M1 : Single manifold type