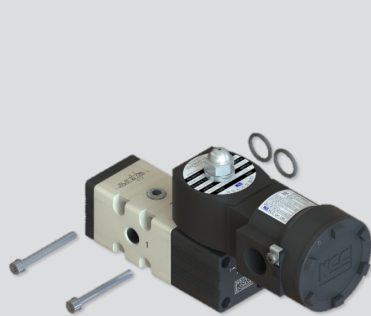
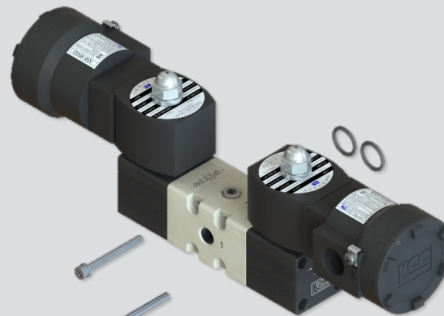


KSX844 series



KSX844S



KSX844D



KOREA GAS SAFETY
CORPORATION

How to order

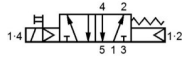
KSX - 844 - A 02 - 3T

① ② ③ ④ ⑤

① Thread type

Nil	Rc(PT) (Standard)
G	G
N	NPT

② Valve type

S	Single	
D	Double	

③ Body type

A	AL
S	STS
B	Special specification

※ Special materials are available upon request.

④ Port size

02	1/4
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⑤ Voltage

1T	AC110V 60Hz
2T	AC220V 60Hz
3T	DC24V
4T	DC12V
8T	DC120V

Features

- Flameproof enclosure and encapsulation(EX d mb IIC T4).
- Non-lubrication spool type.
- Compact and lightweight and easy maintenance and repair.
- Wiring direction can be easily change.
- Mounting structure of NAMUR standard.

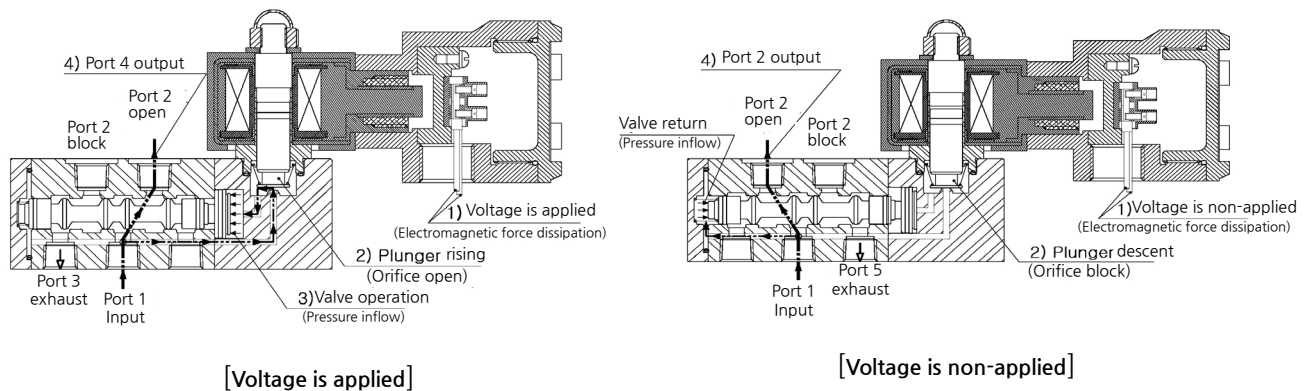


Specifications

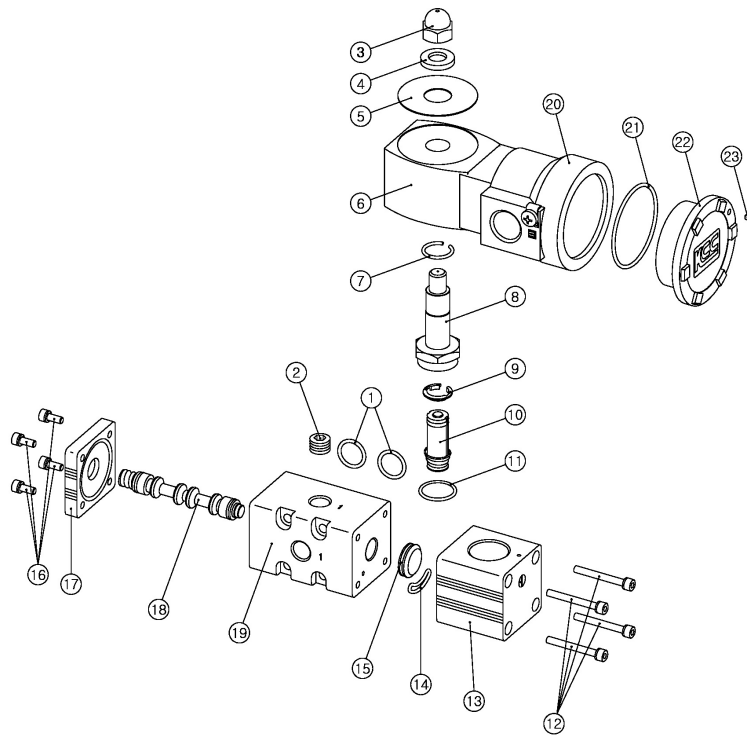
Model	KSX-844S-A02-T	KSX-844D-A02-T
Fluid	Compressed air / Inert Gas	
Port size	Rc(PT) 1/4 (Option: G(PF), NPT)	
Operating pressure	1.5~10kgf/cm ² (0.15~1.0MPa)	
Effective sectional area Smm ² (Cv)	33.7mm ² (1.8Cv)	
Max. proof pressure	15kgf/cm ² (1.5MPa)	
Max. operating frequency	5cycle/sec	
Response time	Below 90ms(0.5MPa)	
Lubrication	Non-lubrication (when refueling Turbine oil ISO VG32 or equivalent)	
Manual override	Manual button(Turn-Lock Type)	
Max. Fluid temperature	AC: 50℃, DC: 40℃	
Max. Ambient temperature	-20℃~60℃ (No freezing)	
Ambient humidity	Below RH85%	
Voltage	AC110V, 220V(60Hz) / DC12V, 24V, 120V	
Allowable voltage	±10% rated voltage	
Power consumption	AC110V, 220V(60Hz): 10.1W	
	DC12V, 24V, 120V: 11.6W	
Power current	AC110V 60Hz: 200mA, AC220V 60Hz: 100mA	
	DC12V: 970mA, DC24V: 485mA, DC12V: 97mA	
Coil insulation	Class F(Class H: Option)	
Electric port	G(PF) 1/2"(Cable Gland connection type)	
Explosion proof identification	Ex d mb IIC T4	
Material	Body: AL, Seal: NBR	
Weight	1,460g	2,450g

Explosion-proof NAMUR solenoid valve(5 Port/Flameproof enclosure)

Structure

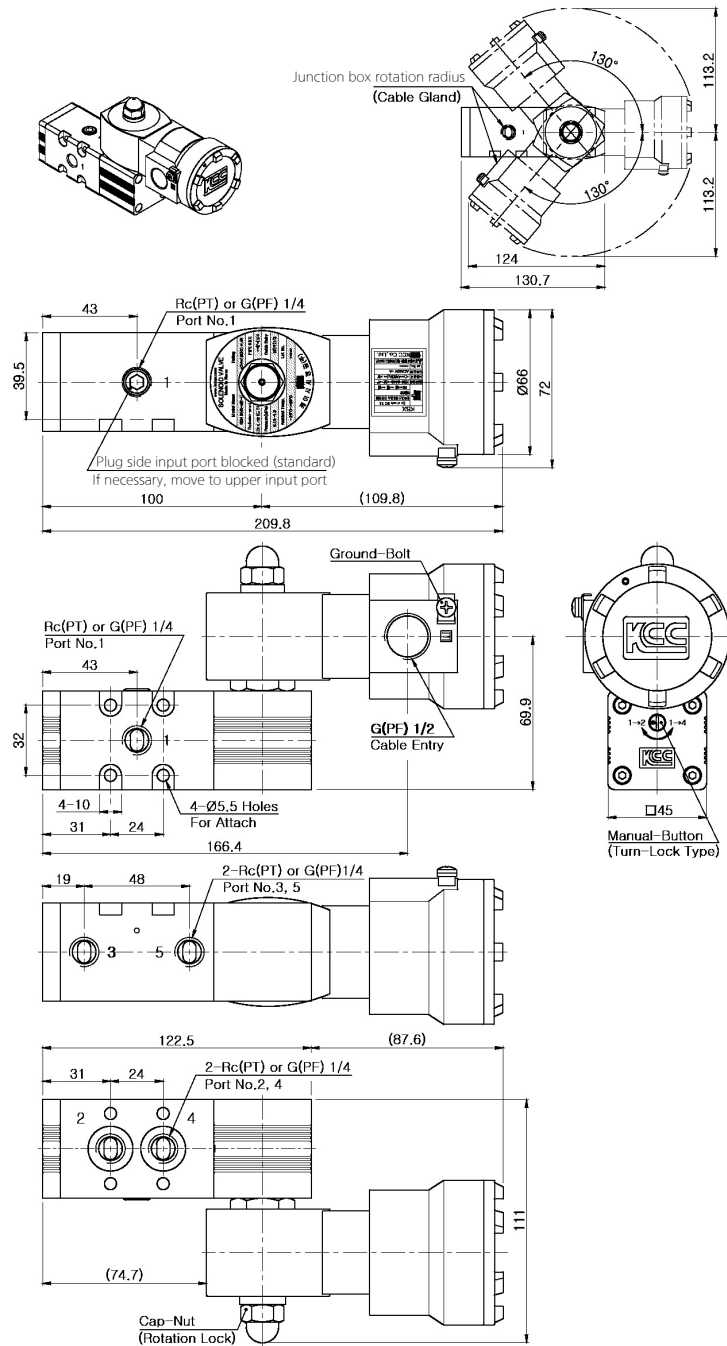


Parts

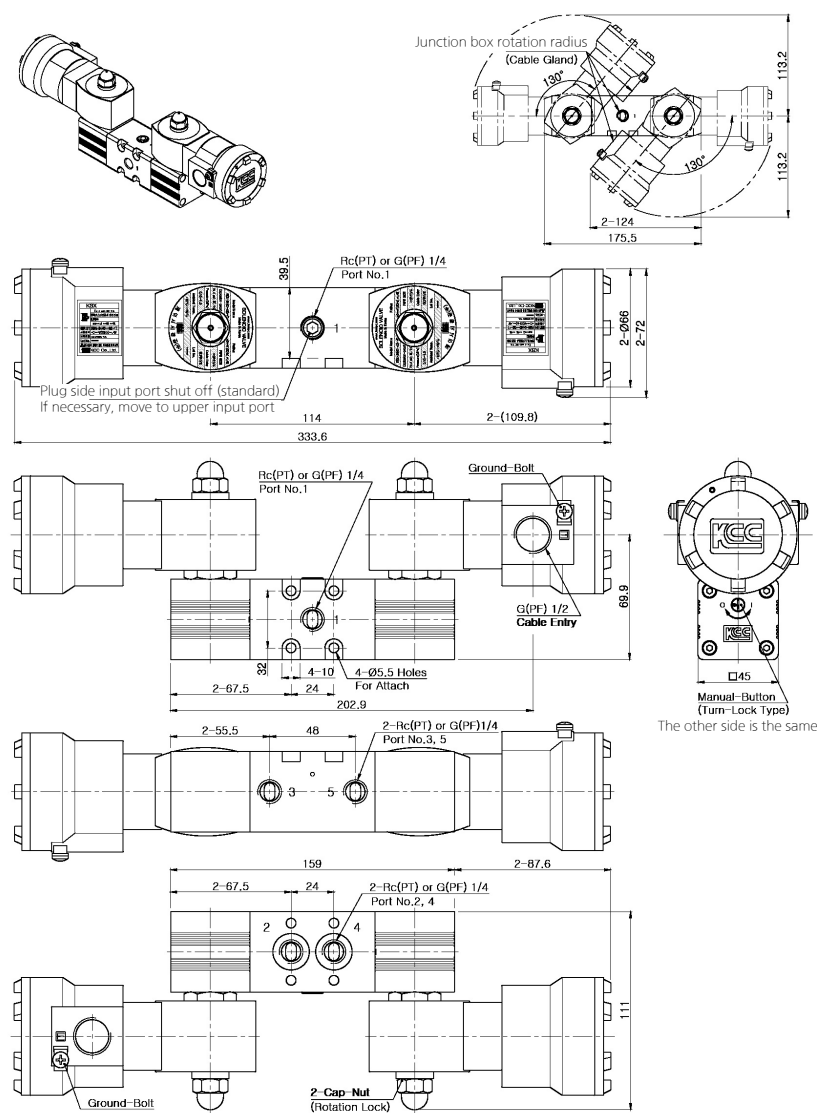


No.	Parts
1	O-Ring(P-16)
2	Plug(1/4)
3	Cap-Nut
4	Washer
5	Name-Plate
6	Molding-Coil
7	Cushion-Spring
8	Plunger-Guide-Ass'y
9	Spring-Supporter
10	Plunger-Ass'y
11	O-Ring(AN-18)
12	Socket-Bolt(35L)
13	Pilot-Ass'y
14	O-Ring(AN-16)
15	Piston-Ass'y
16	Socket-Bolt(10L)
17	Cover-Ass'y
18	Spool-Ass'y
19	Body
20	Junction-Box
21	Cover-O-Ring
22	Junction-Box-Cover
23	Fixing-Bolt

Dimensions(KSX-844S, Single)

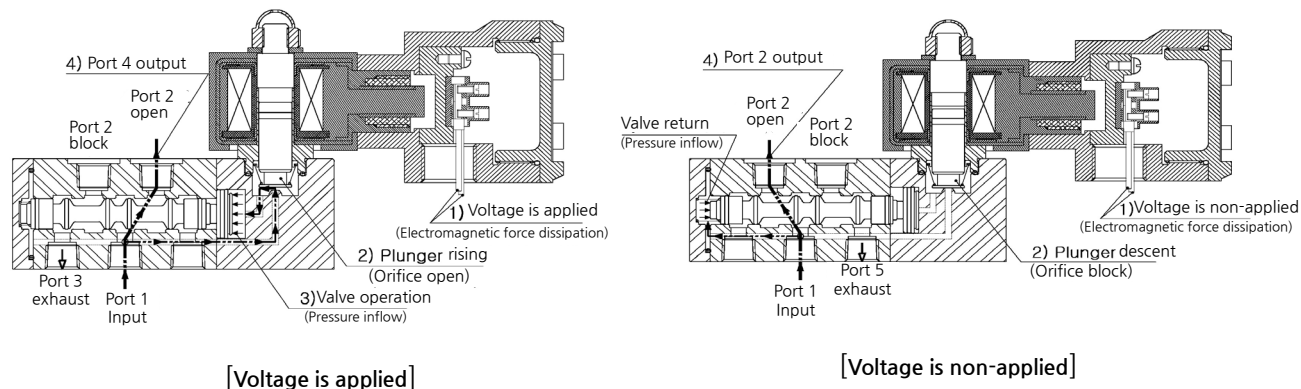


Dimensions(KSX-844D, Double)

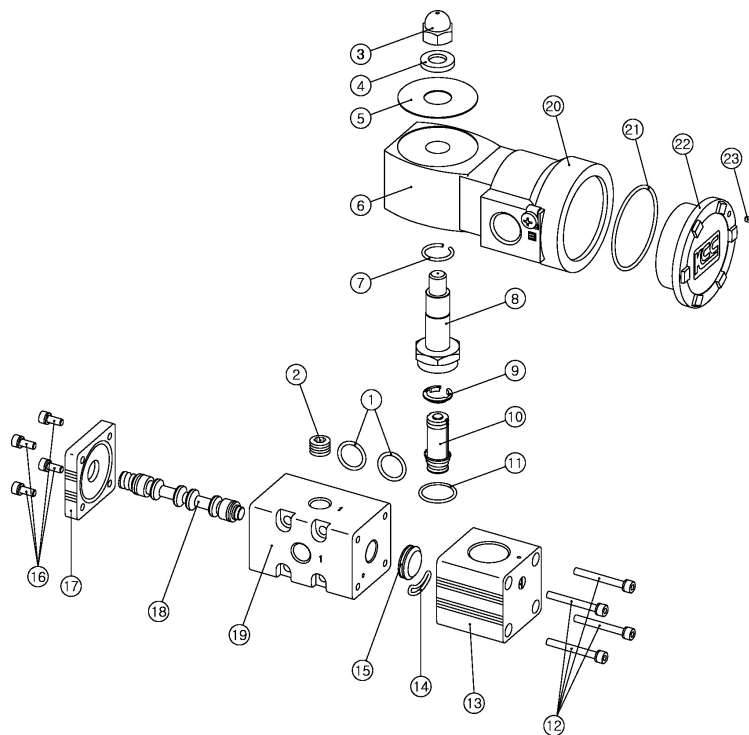


Explosion-proof NAMUR solenoid valve(5 Port/Flameproof enclosure)

Structure



Parts



No.	Parts
1	O-Ring(P-16)
2	Plug(1/4)
3	Cap-Nut
4	Washer
5	Name-Plate
6	Molding-Coil
7	Cushion-Spring
8	Plunger-Guide-Ass'y
9	Spring-Supporter
10	Plunger-Ass'y
11	O-Ring(AN-18)
12	Socket-Bolt(35L)
13	Pilot-Ass'y
14	O-Ring(AN-16)
15	Piston-Ass'y
16	Socket-Bolt(10L)
17	Cover-Ass'y
18	Spool-Ass'y
19	Body
20	Junction-Box
21	Cover-O-Ring
22	Junction-Box-Cover
23	Fixing-Bolt