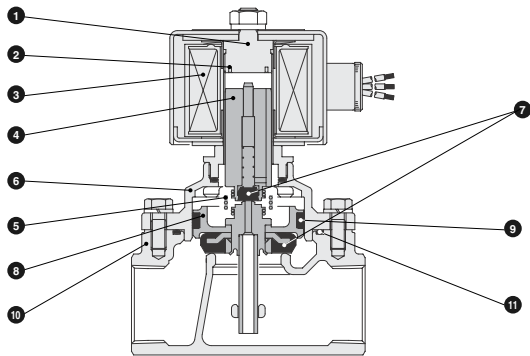


Internal structure and parts list



No.	Parts name	Material	
1	Core assembly	SUS405 or equivalent, SUS316L, SUS403	Stainless steel
2	Shading coil *1	Cu (Ag for stainless steel body)	Copper (silver for stainless steel body)
3	Coil	—	—
4	Plunger assembly	SUS405 or equivalent, SUS304, C3604, NBR (SUS405 or equivalent, SUS304, FKM, PFA or PTFE)	Stainless steel
5	Kick spring	SUS304	Stainless steel
6	Stuffing	CAC408 (SCS13)	Bronze casting (stainless steel casting)
7	Sealant	NBR (FKM, PTFE)	Nitrile rubber (fluoro rubber or tetrafluoroethylene resin)
8	Main valve assembly	SUS303, SUS304, C3604, NBR (SUS303, SUS304, FKM or PTFE)	Stainless steel, brass (stainless steel)
9	Seal ring set	SUS304, PTFE	Stainless steel, tetrafluoroethylene resin
10	Body	CAC408 (SCS13)	Bronze casting (stainless steel casting)
11	O ring	NBR (FKM, PTFE)	Nitrile rubber (fluoro rubber or tetrafluoroethylene resin)

() shows options.

*1: When using the DC coil or a coil with diode, no shedding coil is used.

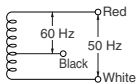
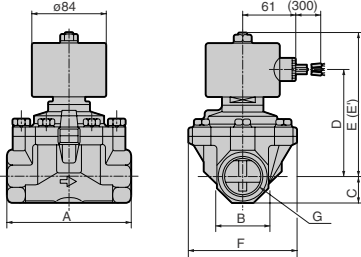
Dimensions



● Open frame lead wire type (Rc screw-in type)

APK21-32A/40A/50A-*

3A
4A



- Conduit size
Sheet steel conduit thread
JIS B0204 CTC19
- Lead wire

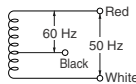
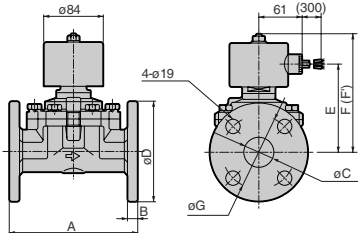
30/0.18 (0.75 mm²)

Length 300 mm

● Open frame lead wire type (flange type)

APK21-32F/40F/50F-*

3A
4A



- Conduit size
Sheet steel conduit thread
JIS B0204 CTC19
- Lead wire

30/0.18 (0.75 mm²)

Length 300 mm

The dimensions (E') apply only to the APK21-32A/40A/50A-*3A DC specifications.

Model no.	A	B	C	D	E	E'	F	G
APK21-32A-*□A	125	54	27	116.5	158.5	183.5	112	Rc1 1/4
APK21-40A-*□A	140	60	30	123.5	165.5	190.5	122	Rc1 1/2
APK21-50A-*□A	160	74	37	132.5	174.5	199.5	132	Rc2

The dimensions (F') apply only to the APK21-32F/40F/50F-*3A DC specifications.

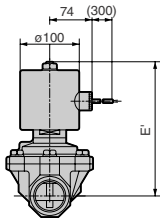
Model no.	A	B	C	D	E	F	F'	G
APK21-32F-*□A	170	12	36	135	116.5	158.5	183.5	100
APK21-40F-*□A	180	14	42	140	123.5	165.5	190.5	105
APK21-50F-*□A	180	14	53	155	132.5	174.5	199.5	120

Optional dimensions



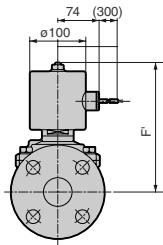
* Refer to the open frame lead wire type dimensions on the left page for common dimensions.

- Open frame diode integrated lead wire type (Rc screw-in type)
APK21-32A/40A/50A-***5A**



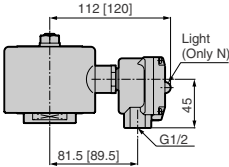
Model no.	E'
APK21-32A-*5A	183.5
APK21-40A-*5A	190.5
APK21-50A-*5A	199.5

- Open frame diode integrated lead wire type (flange type)
APK21-32F/40F/50F-***5A**

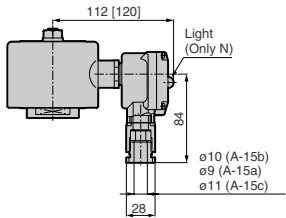


Model no.	F'
APK21-32F-*5A	183.5
APK21-40F-*5A	190.5
APK21-50F-*5A	199.5

- Open frame type + HP terminal box
APK21-32^Δ to 50^Δ -***5**



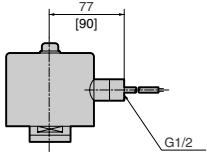
- Open frame type + cable gland
APK21-32^Δ to 50^Δ -***5**



Values in [] are for the APK21-32^Δ to 50^Δ -***5** **M**/**N** type.

Values in [] are for the APK21-32^Δ to 50^Δ -***5** **M**/**N** type.

- Open frame type + conduit
APK21-32^Δ to 50^Δ -***5**



Values in [] are for the APK21-32^Δ to 50^Δ -***5** **M**/**N** type.

HNB/G
USB/G
FAB/G
FGB/G
FVB
FWB/G
FHB
FLB
AB
AG
AP/ AD
APK/ ADK
For dry air
Explosion proof
HVB/ HVL
SAB/ SVB
NP/NAP/ NVP
CHB/G
MXB/G
Other G.P. systems
PD/FAD/ PJ
CV/ CVSE
CPE/ CPD
Medical analysis
Custom order

General purpose valve
Pilot kick type 2 port solenoid valve