



Solenoid valve 2/2 way N.C. Combined operation

21HN11K0V120
÷
21HN14K0V250-S

PRESENTATION:

Combined operation S.V. for interception of fluids compatible with the construction materials.
Minimum operational pressure is not required.
The materials used and the tests undertaken ensure maximum reliability and duration.

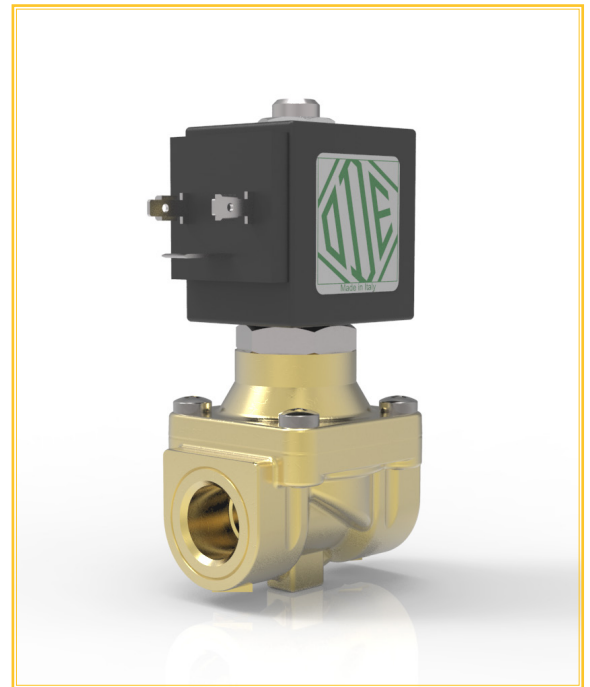
USE: Automation
Heating

PIPES: 3/8 NPT - 1 NPT

COILS: 8W - Ø 13
BDA - BSA 155°C (class F)
BDV 180°C (class H)
12W - Ø 13
UDA 155°C (class F)
14W - Ø 13
GDH - GDV 180°C (class H)

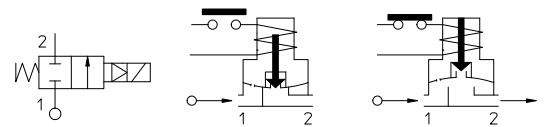
COIL HOUSING AND COIL FORMER MATERIAL ARE MADE BY 100% VIRGIN MATERIAL.

Max. allowable pressure (PS)
3/8 NPT - 1/2 NPT 20 bar
3/4 NPT - 1 NPT 16 bar
Ambient temperature:
See coils catalogue page for its compatibility.



Gaskets	Temperatur		Medium
E =EPDM (ethylene-propylene)	- 10°C	+140°C	Water, low pressure steam
V =FKM (fluoroelastomer)	- 10°C	+140°C	Mineral oils (2°E), gasoline gas oil
B =NBR (nitrile)	- 10°C	+90°C	Acqua, aria, gas inerti

For seals other than EPDM replace the letter "E" with the ones corresponding to the other seals. E.I. 21HN11K0V120.

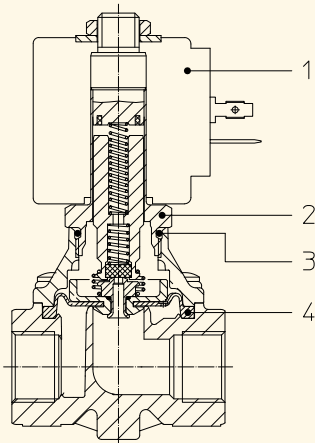


Pipe ANSI/ASME Bl.20.1	Code	Max viscosity		Ø mm	Kv l/mn	Power watt	Pressure		
		cSt	°E				min bar	M.O.P.D.	
								AC bar	DC bar
3/8 NPT	21HN11K0V120	12	~ 2	12	28	8	0	16	1,5
								12	6
								14	15
1/2 NPT	21HN12K0V120	12	~ 2	12	32	8	0	16	1,5
								12	6
								14	15
3/4 NPT	21HN13K0V190	12	~ 2	19	70	8	0	5	-
	12							-	
	14							-	
3/4 NPT	* 21HN13K0V190-S	12	~ 2	19	65	12	0	-	1,5
	14							6	
	14							-	
1 NPT	21HN14K0V250	12	~ 2	25	105	8	0	5	-
	12							-	
	14							-	
1 NPT	* 21H14K0V250-S	12	~ 2	25	95	12	0	-	1
	14							6	
	14							-	

Note

* For DC only | Available on request and with minimum quantities.

"ODE" reserves the right to carry out technical and aesthetic modifications without prior notice.



MATERIALS:

Body Brass - UNI EN 12165 CW617N
Armature Stainless steel AISI series 300
Fixed core Stainless steel AISI series 400
Plunger Stainless steel AISI series 400
Phase displacement ring Copper - Cu 99,9%
Spring Stainless steel AISI series 300
Seal Standard E=EPDM
 On request V=FKM B=NBR
Orifice Brass - UNI EN 12165 CW617N

On request:
Connector Pg 9 o Pg 11
Connector conformity ISO 4400

FEATURES:

Electrical conformity IEC 335
Protection degree IP 65 EN 60529 (DIN 40050)
 with coil fitted by connector.

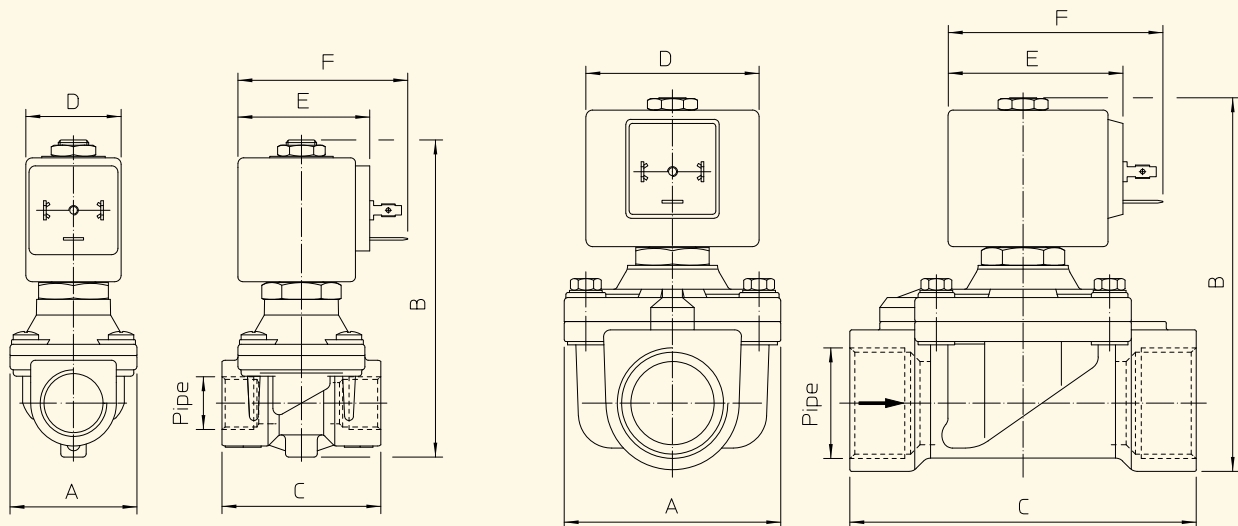
SPARE PARTS:

- 1. Coil:**
See coils list
- 2. Complete armature tube without gasket:**
Code R450603
- 3. Gasket O-Ring:**
Code R990000/E
- 4. Complete diaphragm with plunger:**
3/8 NPT-1/2 NPT
Code R452127/E
3/4 NPT-1 NPT
Code R452128/E
- 5. Gasket O-Ring:**
3/4 NPT-1 NPT
Code R990002/E

MAINTENANCE KIT:

- 3/8 NPT ÷ 1/2 NPT
KTGH11K0V12=4
- 3/4 NPT ÷ 1 NPT
KTGH13K0V19=4+5

DIMENSIONS:



Type	Pipe	D mm	E mm	F mm
21HN11K0V120	3/8 NPT	40	100	50
21HN12K0V120	1/2 NPT			
21HN13K0V190	3/4 NPT	65	105	104
21HN14K0V250	1 NPT		112	

COIL TYPE	POWER ABSORPTION			DIMENSIONS		
	W ==	Hold VA ~	Inrush VA ~	D mm	E mm	F mm
B	8	14,5	25	30	42	54
U	12	23	35	36	48	60
G	14	27	43	52	55	67