

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

21HN2K0Y110-HT

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21HN6K0Y250-HT

PRESENTATION:

Combined operation S.V. for interception of fluids compatibles with the construction materials.

Minimum operational pressure is not required.

The materials used and the tests carried out ensure maximum reliability and duration.

USE: Automation, Vacuum packaging
Heating

PIPES: 1/4 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) 16 bar

Ambient temperature:

See coils catalogue page for its compatibility.

Gaskets	Temperature		Medium
Y=NBR+PA (nitrile rubber+polyamide)	- 10°C	+ 90°C	Air, gasolin, fuel oils, inert gas, water
V=FKM+ PA (fluorelastomer+poliamide)	- 10°C	+140°C	Mineral oils (2°E), gasoline, gas oil

For seals other than FKM replace the letter "V" with the ones corresponding to the other seals. E.I. 21HN2K0V110-HT.

Pipe ANSI/ASME BI.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
1/4 NPT	21HN2K0Y110-HT	12	~ 2	11	20	8	0	14	5
						12			14
						14			5
3/8 NPT	21HN3K0Y110-HT					8			14
						12			2,5
						14			11
1/2 NPT	21HN4K0Y160-HT			16	40	8		14	14
						12			1,5
						14			11
3/4 NPT	21HN5K0Y160-HT					8			14
						12			8
						14			1,5
1 NPT	21HN6K0Y250-HT			25	120	8		14	6
						12			
						14			

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MATERIALS:

Body	Brass - UNI EN 12165 CW617N
Armature tube	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: Y=NB+PA On request : V=FKM+PA
Orifice	Brass - UNI EN 12165 CW617N

On request:

Connector	Pg 9 or 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:	5. Gasekt O-Ring
See coils list	1/4÷3/4 NPT Code R990105/B

2. Complete armature tube without gasket:

1/4÷3/4 NPT	Code R450691
1 NPT	Code R450603

3. Gasket O-Ring:

Code R990000/B

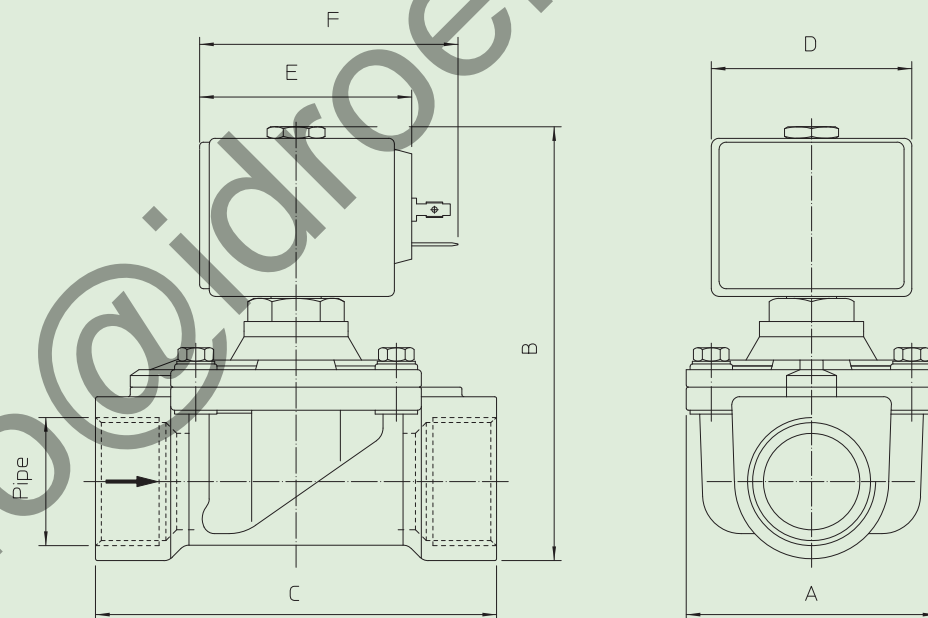
4. Complete diaphragm with plunger

1/4÷3/8 NPT	Code R452126/B
1/2÷3/4 NPT	Code R452125/B
1 NPT	Code R452555/B

MAINTENANCE KIT:

1/4÷ 3/8 NPT
KTGHT3K0Y11=4+5
1/2÷ 3/4 NPT
KTGHT4K0Y16=4+5
1 NPT
KTGHT6K0Y25=4

DIMENSIONS:



Type	Pipe	A mm	B mm	C mm
21HN2K0Y110-HT	1/4 NPT	50	89	56
21HN3K0Y110-HT	3/8 NPT			
21HN4K0Y160-HT	1/2 NPT		100	70
21HN5K0Y160-HT	3/4 NPT			
21HN6K0Y250-HT	1 NPT	65	112	104

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