



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

21HT3K0Y110  
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21HT6K0Y250-S

## 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:** G 3/8 - G 1

**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

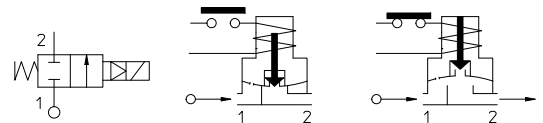
Ambient temperature:

See coils catalogue page for its compatibility.



Gaskets	Temperature		Medium
	- 10°C	+ 90°C	
Y=NBR (nitrile rubber) + PA (polyamide)	- 10°C	+ 90°C	Air, gasoline, 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. 21HT3K0V110.

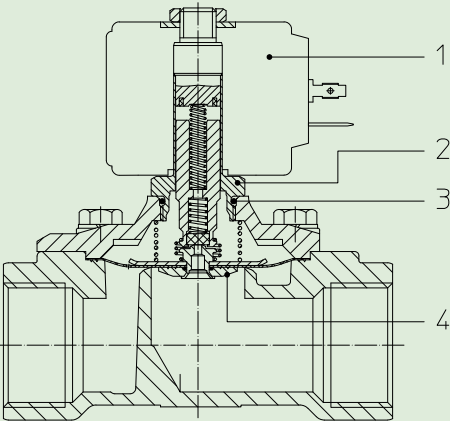
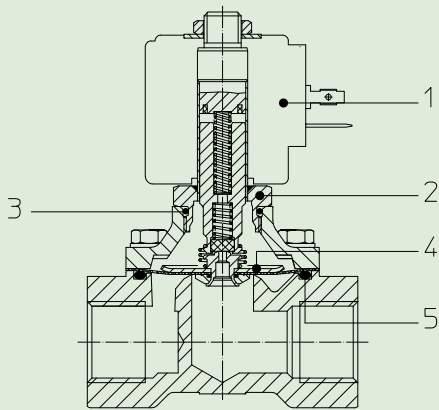


Pipe ISO 228/1	Code	Max viscosity		Ø mm	Kv l/mn	Power watt	Pressure		
		cSt	°E				min bar	M.O.P.D.	
								AC bar	DC bar
G 3/8	21HT3K0Y110 * 21HT3K0Y110-S	12	~ 2	11	20	8	0	14	5
						12			14
						14			14
G 1/2	21HT4K0Y160 * 21HT4K0Y160-S	12	~ 2	16	40	6,5	0	14	2,5
						8			11
						8			14
G 3/4	21HT5K0Y160 * 21HT5K0Y160-S	12	~ 2	16	30	8	0	14	10
						8			11
						12			14
G 1	21HT6K0Y250 * 21HT6K0Y250-S	12	~ 2	25	120	8	0	14	1,5
						12			6
						14			1
G 1	21HT6K0Y250 * 21HT6K0Y250-S	12	~ 2	25	90	8	0	-	6
						12			6
						14			12

## Note

\* For DC only

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



**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=NBR+PA  
On request : V=FKM+PA
- Orifice** Brass - UNI EN 12165 CW617N

- On request:** Pg 9 or Pg 11
- Connector** ISO 4400
- Connector conformity** ISO 4400

**FEATURES:**

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

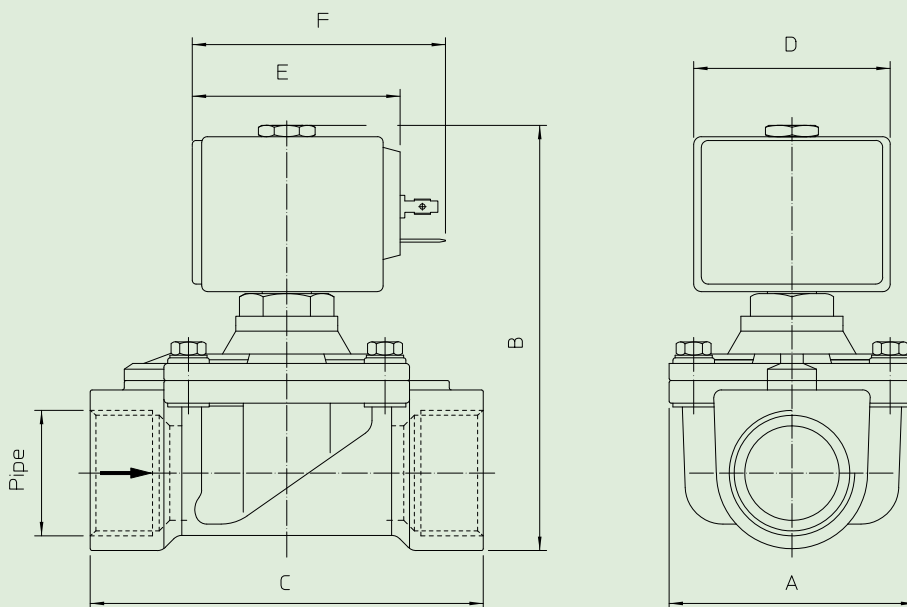
**SPARE PARTS:**

- 1. Coil:** See coils list
- 2. Complete armature tube without gasket:** G 3/8÷G 3/4 Code R450691  
G 1 Code R450603
- 3. Gasket O-Ring:** Code R990000/B
- 4. Complete diaphragm with plunger:** G 3/8 Code R452126/B  
G 1/2÷G 3/4 Code R452125/B  
G 1 Code R452555/B
- 5. Gasekt O-Ring :** G 3/8÷G 3/4 Code R990105/B

**MANITENANCE KIT:**

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

**DIMENSIONS:**



Type	Pipe ISO 228/1	A mm	B mm	C mm
21HT3K0Y110	G 3/8	50	89	56
21HT3K0Y110-S			100	70
21HT4K0Y160	G 1/2	50	100	70
21HT4K0Y160-S			112	104
21HT5K0Y160	G 3/4	65	112	104
21HT5K0Y160-S			125	118
21HT6K0Y250	G 1	65	112	104
21HT6K0Y250-S			125	118

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



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

21HT5M0Y160

## 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:** G 3/4

**COIL:**

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.**

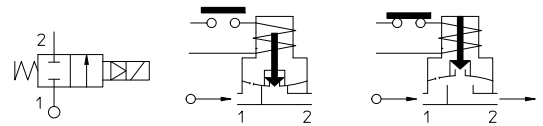
Max. allowable pressure (PS) 16 bar

See coils catalogue page for its compatibility.



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

For seals other than NBR+PA replace the letter "Y" with the ones corresponding to the other seals. E.I. 21HT5M0V160.

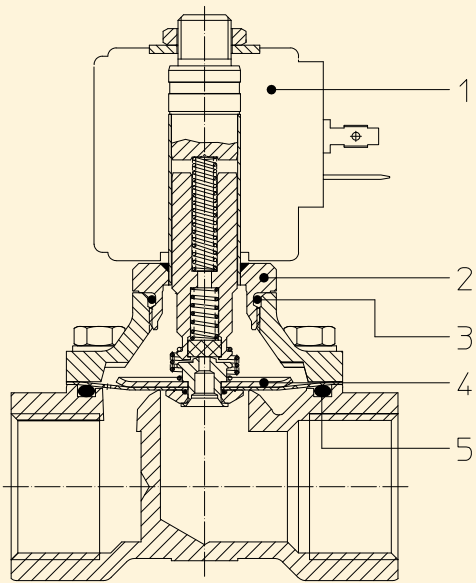


Pipe ISO 228/1	Code	Max viscosity		Ø mm	Kv l/mn	Power (watt)	Pressure		
		cSt	°E				min	M.O.P.D.	
							bar	AC bar	DC bar
G 3/4	21HT5M0Y160	12	~ 2	16	40	8	0	-	1,5
						12			11
						14			14

## Note.

Available on request and with minimum quantities.

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



#### MATERIALS:

<b>Body</b>	Brass - UNI EN 12165 CW617N
<b>Armature tube</b>	Stainless steel AISI series 300
<b>Fixed core</b>	Stainless steel AISI series 400
<b>Plunger</b>	Stainless steel AISI series 400
<b>Spring</b>	Stainless steel AISI series 300
<b>Seal</b>	Standard: V=FKM+PA On request : Y=NBR+PA
<b>Orifice</b>	Brass - UNI EN 12165 CW617N

#### On request:

<b>Connector</b>	Pg 9 or Pg 11
<b>Connector conformity</b>	ISO 4400

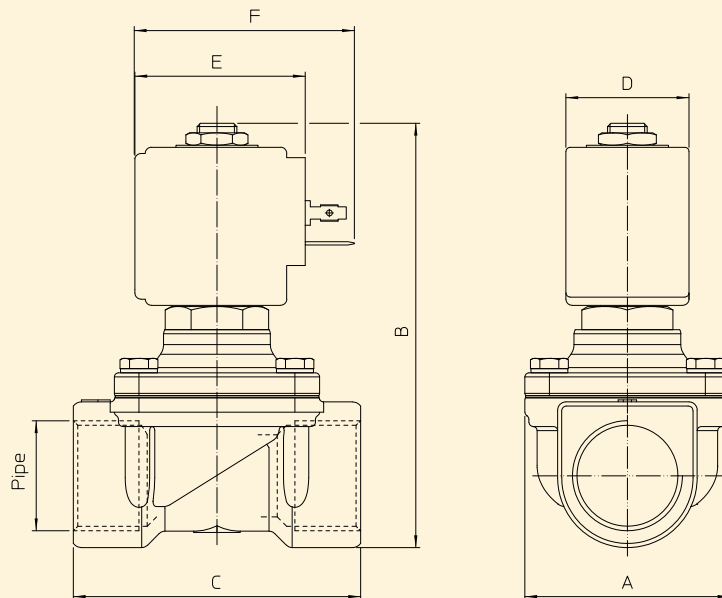
#### FEATURES:

<b>Electrical conformity</b>	IEC 335
<b>Protection degree</b>	IP 65 EN 60529 (DIN 40050) with coil fitted by connector

#### SPARE PARTS:

- Coil:**  
See coils list
- Complete armature tube without gasket:**  
Code R451637
- Gasket O-Ring:**  
Code R990000/G
- Complete diaphragm with plunger:**  
Code R452125/B
- Gasket O-Ring:**  
Code R990105/B

#### DIMENSIONS:



Type	Pipe ISO 228/1	A mm	B mm	C mm
21HT5M0Y160	G 3/4	50	102	70

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



# 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

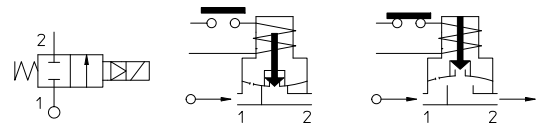
Ambient temperature:

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+poliamiyde)	- 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			14
3/8 NPT	21HN3K0Y110-HT	12	~ 2	16	40	8	0	14	5
						12			14
						14			14
1/2 NPT	21HN4K0Y160-HT	12	~ 2	16	40	8	0	14	2,5
						12			14
						14			14
3/4 NPT	21HN5K0Y160-HT	12	~ 2	16	40	8	0	14	1,5
						12			14
						14			14
1 NPT	21HN6K0Y250-HT	12	~ 2	25	120	8	0	8	-
						12		14	1,5
						14		14	6

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

### MATERIALS:

<b>Body</b>	Brass - UNI EN 12165 CW617N
<b>Armature tube</b>	Stainless steel AISI series 300
<b>Fixed core</b>	Stainless steel AISI series 400
<b>Plunger</b>	Stainless steel AISI series 400
<b>Phase displacement ring</b>	Copper - Cu 99,9%
<b>Spring</b>	Stainless steel AISI series 300
<b>Seal</b>	Standard: Y=NBR+PA On request : V=FKM+PA
<b>Orifice</b>	Brass - UNI EN 12165 CW617N
<b>On request:</b>	
<b>Connector</b>	Pg 9 or Pg 11
<b>Connector conformity</b>	ISO 4400

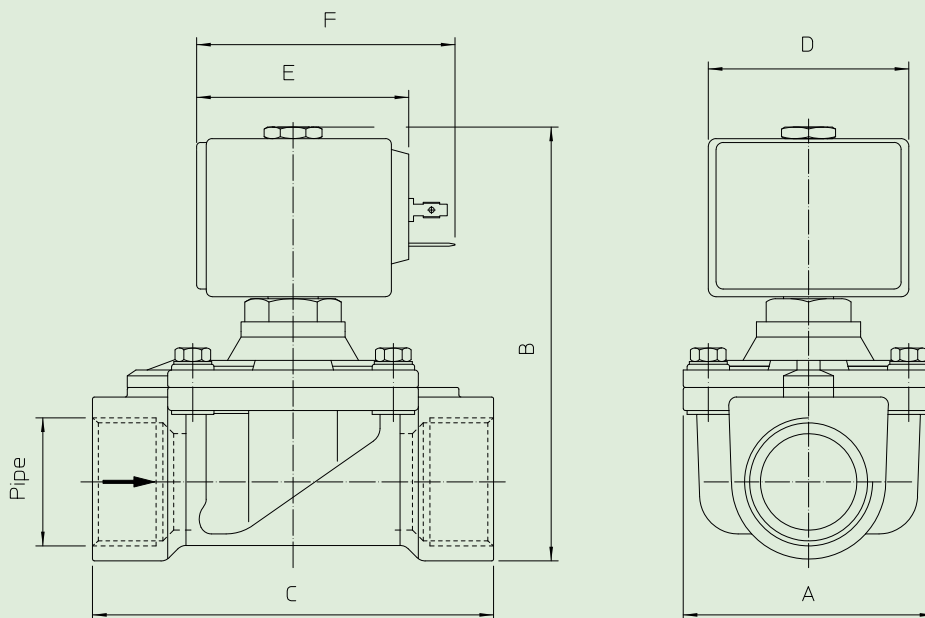
### FEATURES:

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

### SPARE PARTS:

<b>1. Coil:</b>	See coils list	<b>5. Gasekt O-Ring</b>	1/4+3/4 NPT Code R990105/B
<b>2. Complete armature tube without gasket:</b>	1/4+3/4 NPT Code R450691 1 NPT Code R450603	<b>MAINTENANCE KIT:</b>	
<b>3. Gasket O-Ring:</b>	Code R990000/B	1/4+ 3/8 NPT	KTGHT3K0Y11=4+5
<b>4. Complete diaphragm with plunger</b>	1/4+3/8 NPT Code R452126/B 1/2+3/4 NPT Code R452125/B 1 NPT Code R452555/B	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



# Solenoid valve 2/2 way N.O. Combined operation

21HT3Z0Y110

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21HT5Z0Y160

## 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:** G 3/8 - G 3/4

**COIL:** 8W - Ø 13  
BDA 155°C (class F)  
BDV 180°C (class H)

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

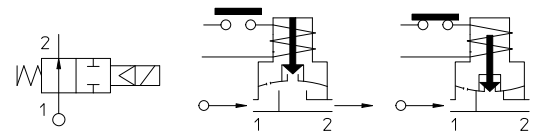
Max. allowable pressure (PS) 16 bar

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 (fluoroelastomer+polyamide)	- 10°C	+140°C	Mineral oils (2°E), gasoline gas oil



For seals other than NBR+PA replace the letter "Y" with the ones corresponding to the other seals. E.I. 21HT3Z0V110.

Pipe ISO 228/1	Code	Max viscosity		Ø mm	Kv l/mn	Power watt	Pressure		
		cSt	°E				min bar	M.O.P.D. AC bar DC bar	
G 3/8	21HT3Z0Y110	12	~ 2	11	20	8	0	10 *	10
G 1/2	21HT4Z0Y160			16	40				
G 3/4	21HT5Z0Y160								

## Note

\* To use in AC, the DCcoil will be supplied with a rectifier bridge.

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

**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=NBR+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:**

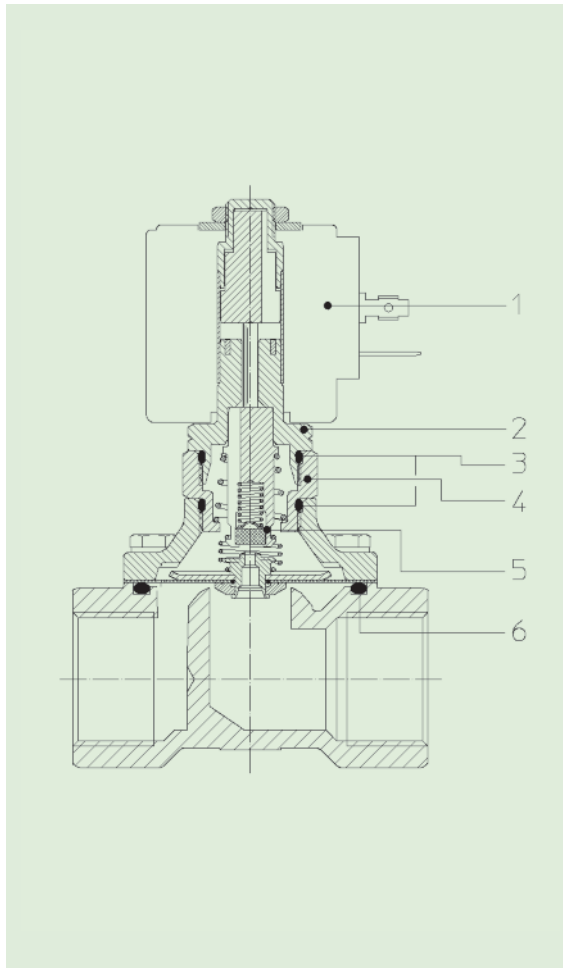
**Electrical conformity** IEC 335  
**Protection degree** IP 65 EN 60529 (DIN 40050)  
 with coil fitted by connector.

**SPARE PARTS:**

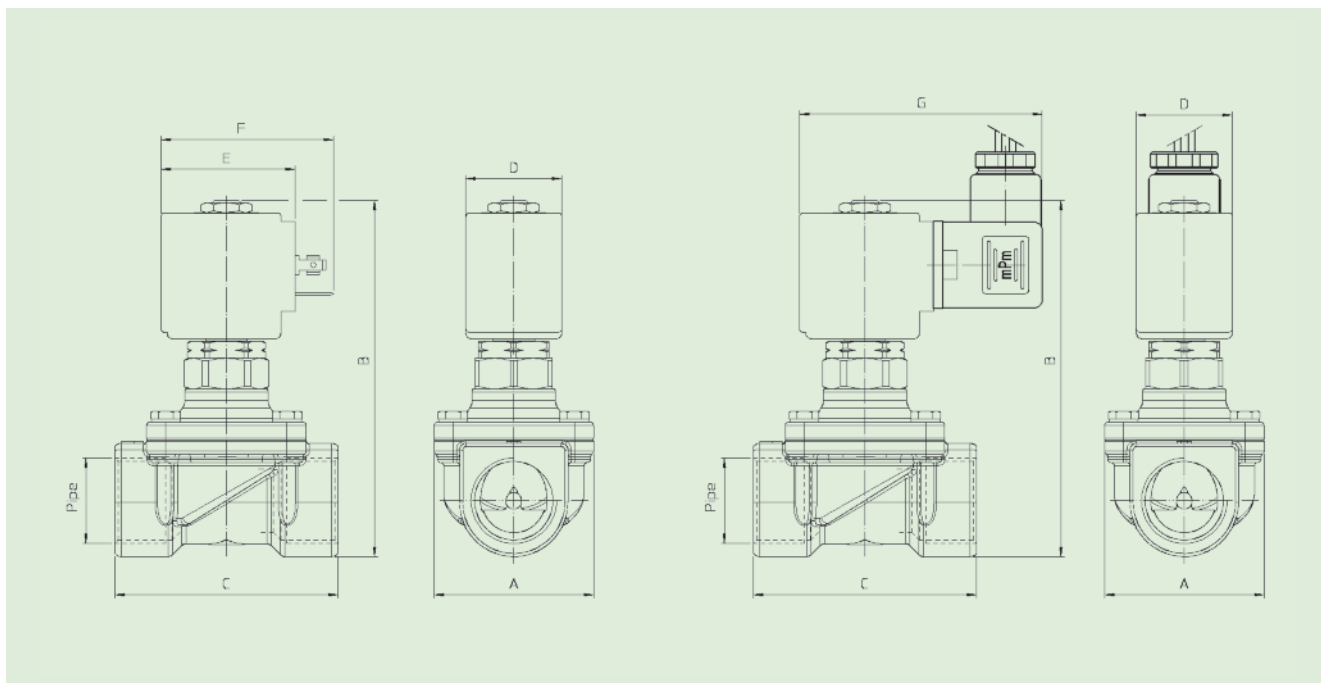
- 1. Coil:**  
See coils list
- 2. Complete armature tube without gasket:**  
Code R452908
- 3. Gasket O-Ring:**  
Code R990000/B
- 4. Complete nut with gasket O-Ring:**  
Code R452863/B
- 5. Complete diaphragm with spring :**  
G 3/8 Code R452879/B  
G 1/2 ÷ G 3/4 Code R452862/B
- 6. Gasekt O-Ring :**  
Code R990105/G

**MAINTENANCE KIT:**

- G 3/8  
KTGHT3Z0Y11=5+6
- G 1/2 ÷ G 3/4  
KTGHT4Z0Y16=5+6



**DIMENSIONS:**



Type	Pipe ISO 228/1	A mm	B mm	C mm
21HT3Z0Y110	G 3/8	50	101	56
21HT4Z0Y160	G 1/2		112	70
21HT5Z0Y160	G 3/4			

COIL TYPE	POWER ABSORPTION			DIMENSIONS			
	W ---	Hold VA ~	Inrush VA ~	D mm	E mm	F mm	G mm
B	8	14,5	25	30	42	54	76





# Solenoid valve 2/2 way N.O. Combined operation

21HN2Z0Y110-HT

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21HN5Z0Y160-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 - 3/4 NPT

**COILS:** 8W - Ø 13  
BDA 155°C (class F)  
BDV 180°C (class H)

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

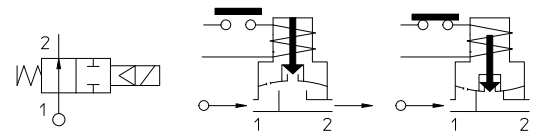
Max. allowable pressure (PS) 16 bar

Environment temperature:

See coils catalogue page for its compatibility.



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



For seals other than NBR+PA replace the letter "Y" with the ones corresponding to the other seals. E.I. 21HN3Z0V110-HT.

Pipe ISO 228/1	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	21HN2Z0Y110-HT	12	~ 2	11	20	8	0	10 *	10
3/8 NPT	21HN3Z0Y110-HT								
1/2 NPT	21HN4Z0Y160-HT								
3/4 NPT	21HN5Z0Y160-HT	16	40						

## Note

\* To use in AC, the DC coil will be supplied with a rectifier bridge.

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

### MATERIALS:

<b>Body</b>	Brass - UNI EN 12165 CW617N
<b>Armature tube</b>	Stainless steel AISI series 300
<b>Fixed core</b>	Stainless steel AISI series 400
<b>Plunger</b>	Stainless steel AISI series 400
<b>Phase displacement ring</b>	Copper - Cu 99,9%
<b>Spring</b>	Stainless steel AISI series 300
<b>Seal</b>	Standard: Y=NBR+PA On request: V=FKM+PA
<b>Orifice</b>	Brass - UNI EN 12165 CW617N

### On request:

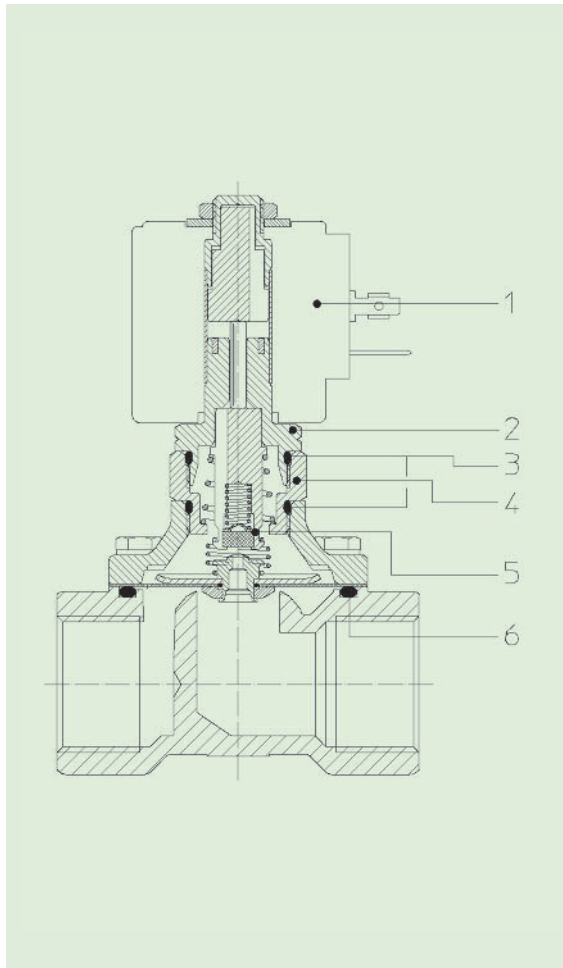
<b>Connector</b>	Pg 9 or Pg 11
<b>Connector conformity</b>	ISO 4400

### CARATTERISTICHE:

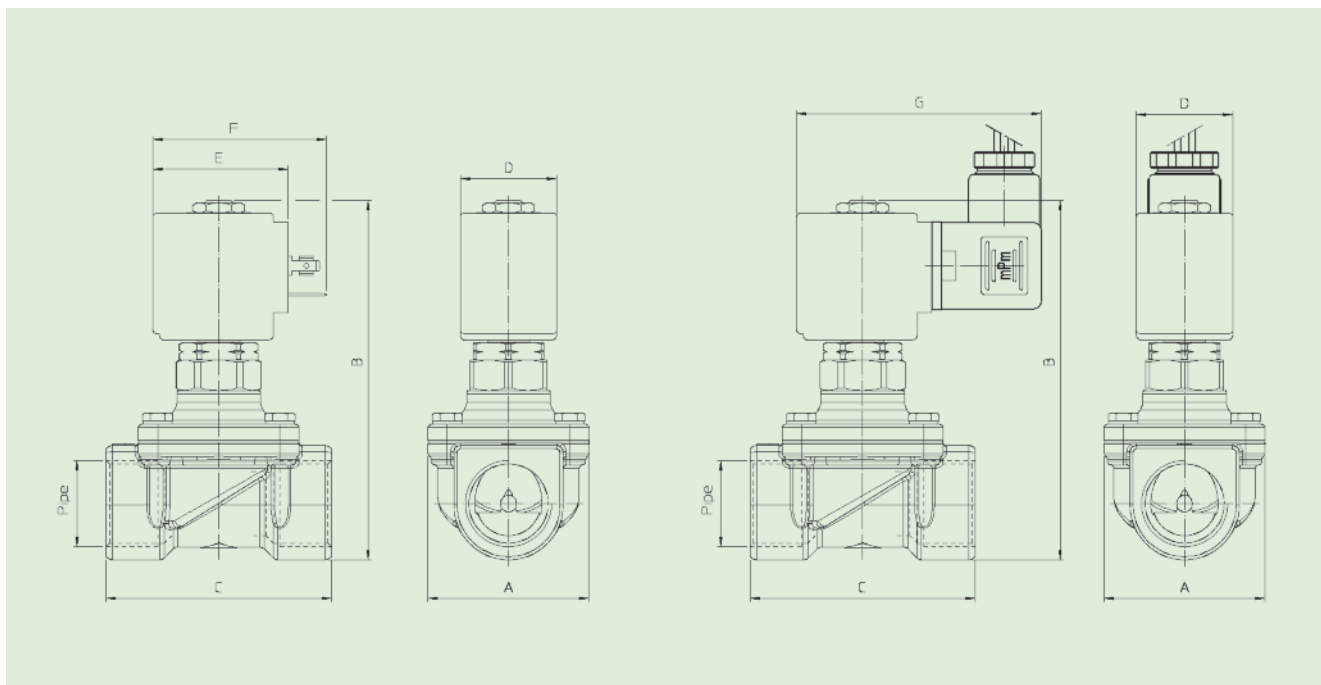
<b>Electrical conformity</b>	IEC 335
<b>Protection degree</b>	IP 65 EN 60529 (DIN 40050) with coil fitted by connector.

### SPARE PARTS:

- |  |   |
|--|---|
| <b>1. Coil:</b><br>See coils list  | <b>6. Gasekt O-Ring :</b><br>Code R990105/B                 |
| <b>2. Complete armature tube without gasket:</b><br>Code R452908                                       | <b>MAINTENANCE KIT:</b><br>1/4 ÷ 3/8 NPT<br>KTGHT3Z0Y11=5+6 |
| <b>3. Gasket O-Ring:</b><br>Code R990000/B   | 1/2 ÷ 3/4 NPT<br>KTGHT4Z0Y16=5+6                            |
| <b>4. Complete nut with gasket O-Ring:</b><br>Code R452863/B   |   |
| <b>5. Complete diaphragm with spring :</b><br>1/4÷3/8 NPT Cod. R452879/B<br>1/2÷3/4 NPT Cod. R452862/B |   |



### DIMENSIONS:



Type	Pipe	A mm	B mm	C mm
21HN2Z0Y110-HT	1/4 NPT	50	101	56
21HN3Z0Y110-HT	3/8 NPT		112	70
21HN4Z0Y160-HT	1/2 NPT			
21HN5Z0Y160-HT	3/4 NPT			

COIL TYPE	POWER ABSORPTION			DIMENSIONS			
	W ---	Hold VA ~	Inrush VA ~	D mm	E mm	F mm	G mm
B	8	14,5	25	30	42	54	76



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

21HF5K0V200

## 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 carried out ensure maximum reliability and duration.

**USE:** Automation - Heating

**PIPE:** G 3/4

**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

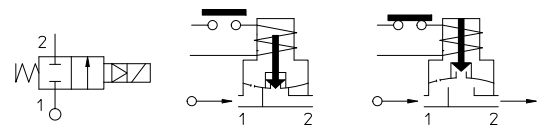
Ambient temperature:

See coils catalogue page for its compatibility.



Gaskets	Temperature		Medium
<b>B</b> =NBR (nitrile rubber)	- 10°C	+ 90°C	Air, inert gas, water
<b>E</b> =EPDM (ethylene-propylene)	- 10°C	+ 140°C	Water, steam
<b>V</b> =FKM (fluoroelastomer)	- 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. 21HF5K0**B**200.



Pipe ISO 228/1	Code	Max viscosity		Ø mm	Kv l/mn	Power watt	Pressure		
		cSt	°E				min bar	M.O.P.D.	
								AC bar	DC bar
G 3/4	21HF5K0V200	12	~ 2	20	120	8	0	16	6
						12			16
						14			16

## Note

Available on request and with minimum quantities.

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

## MATERIALS:

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

## On request:

<b>Connector</b>	Pg 9 o Pg 11
<b>Connector conformity</b>	ISO 4400

## FEATURES:

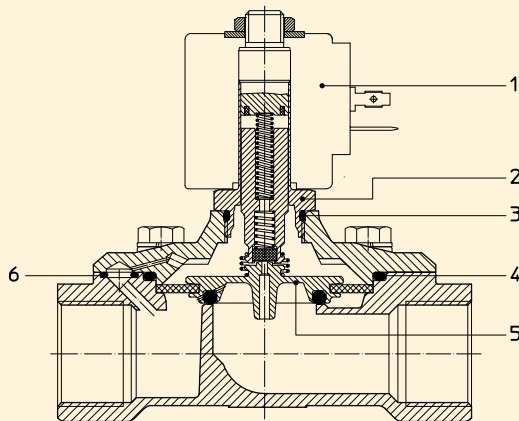
<b>Electrical conformity</b>	IEC 335
<b>Protection degree</b>	IP 65 EN 60529 (DIN 40050) with coil fitted by connector.

## SPARE PARTS:

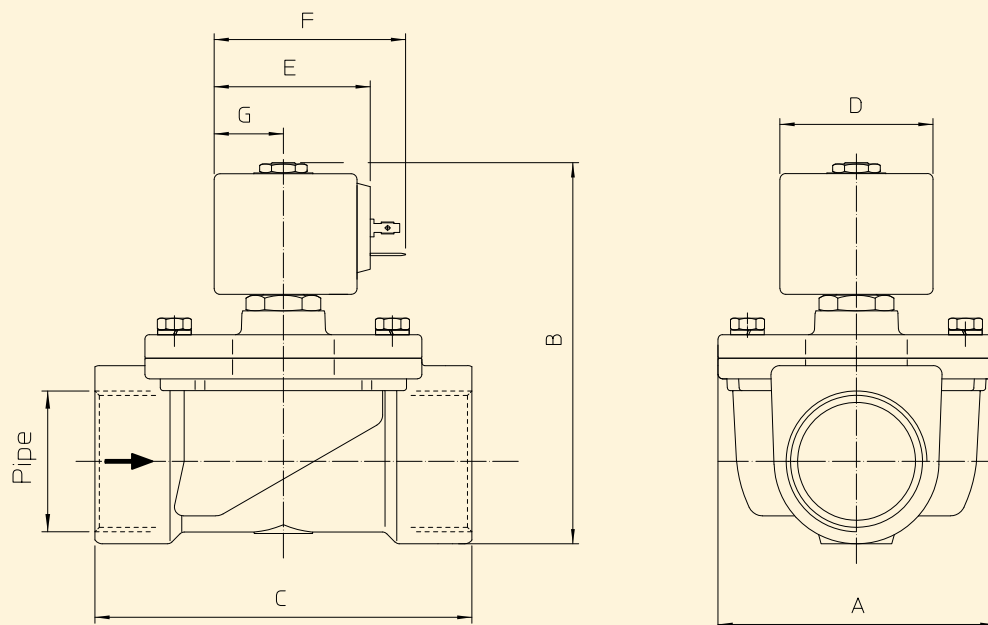
- Coil:**  
See coils list
- Complete armature tube:**  
Code R450603
- Gasket O-Ring:**  
Code R990000/V
- Gasket O-Ring:**  
Code R990153/V
- Complete diaphragm with plunger:**  
Code R452269/V
- Gasket O-Ring:**  
Code R990002/V

## MAINTNANCE KIT:

KTGHF5K0V20= 4+5+6



## DIMENSIONS:



Type	Pipe ISO 228/1	A mm	B mm	C mm
21HF5K0V200	G 3/4	65	103	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



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

21HF6K0V250

÷

21HF8K0V400

## 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 carried out ensure maximum reliability and duration.

**USE:** Automation  
Heating

**PIPE:** G 1 - G 1 1/2

**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.**

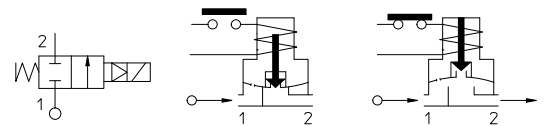
Max. allowable pressure (PS) 16 bar

Ambient temperature:

See coils catalogue page for its compatibility.



Gaskets	Temperature		Medium
	- 10°C	+ 90°C	
<b>B</b> =NBR (nitrile rubber)	- 10°C	+ 90°C	Air, inert gas, water
<b>E</b> =EPDM (ethylene-propylene)	- 10°C	+ 140°C	Water, steam
<b>V</b> =FKM (fluoroelastomer)	- 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. 21HF6K0**B**250.

Pipe ISO 228/1	Code	Max viscosity		Ø mm	Kv l/mn	Power watt	Pressure		
		cSt	°E				min bar	M.O.P.D.	
								AC bar	DC bar
G 1	21HF6K0V250	12	~ 2	25	140	8	0	16	5
						12			16
						14			-
G 1 1/4	21HF7K0V350	12	~ 2	35	270	8	0	16	-
						12			-
						14			6
G 1 1/2	21HF8K0V400	12	~ 2	40	280	8	0	16	-
						12			-
						14			6



**CE Approval**

(Pressure Equipment Directive 97/23/CE)

for S.V. 21HF7÷21HF8

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

**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: V=FKM  
 On request: E=EPDM B=NBR  
**Orifice** Brass - UNI EN 12165 CW617N

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

**FEATURES:**

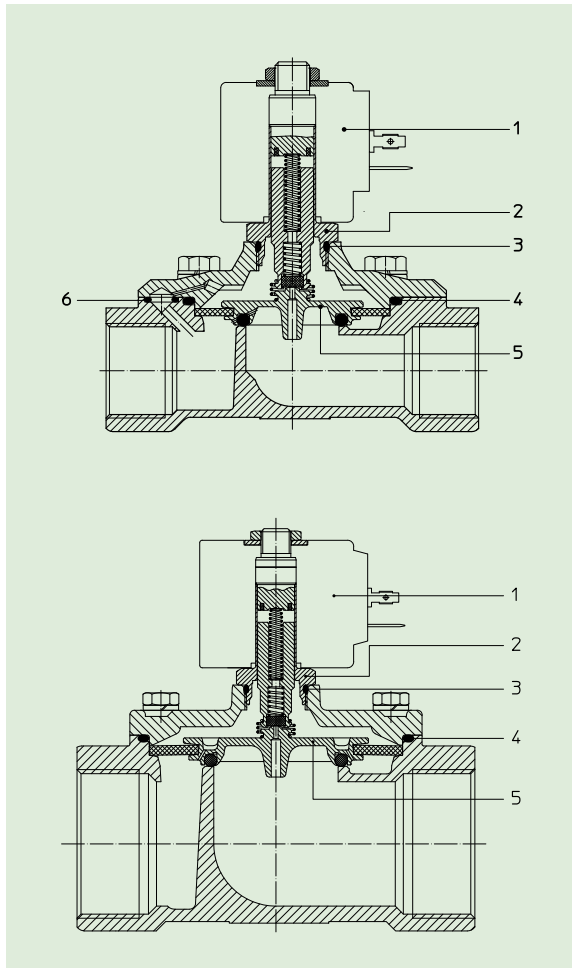
**Electrical conformity** IEC 335  
**Protection degree** IP 65 EN 60529 (DIN 40050)  
 with coil fitted by connector.

**SPARE PARTS:**

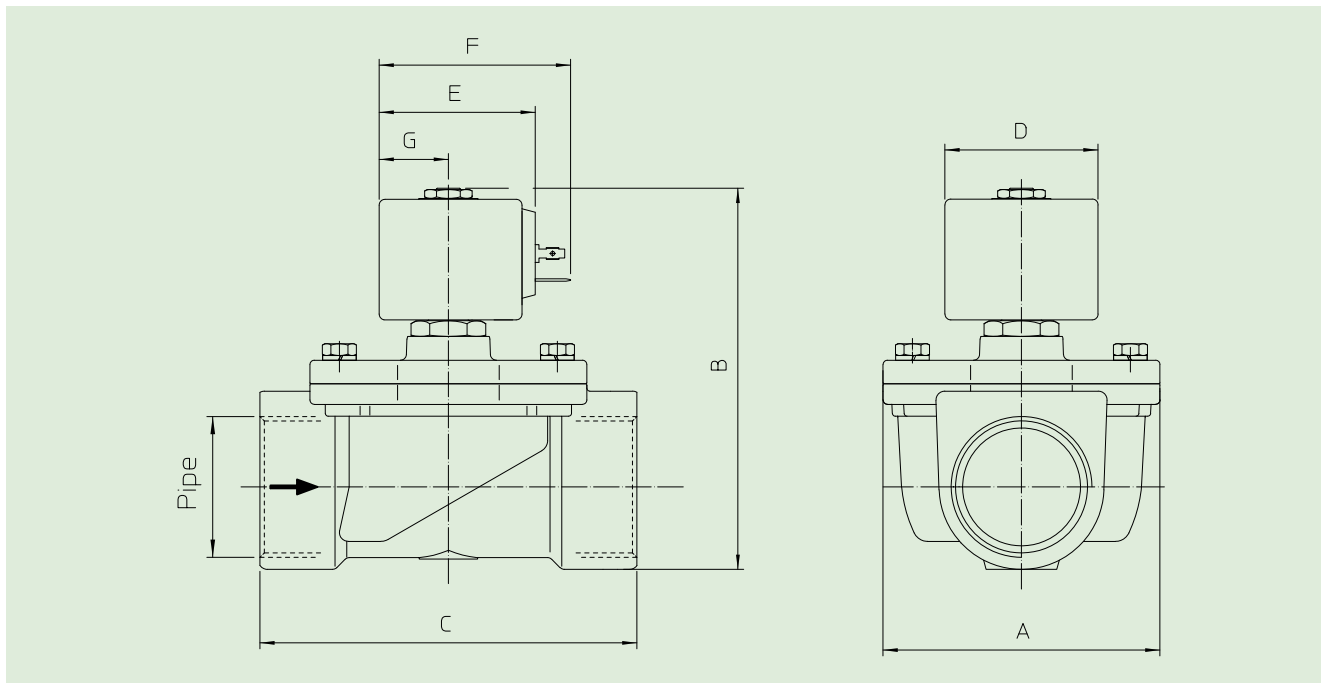
- 1. Coil:** See coils list
- 2. Complete armature tube:** Code R450603
- 3. Gasket O-Ring:** Code R990000/V
- 4. Gasket O-Ring:** G 1 Code R990153/V  
G 1 1/4+G 1 1/2 Code R992061/V
- 5. Complete diaphragm with plunger:** G 1 Code R452269/V  
G 1 1/4+G 1 1/2 Code R452395/V
- 6. Gasket O-Ring:** G 1 Code R990002/V

**MAINTENANCE KIT:**

- G 1
- KTGHF5K0V20= 4+5+6
- G 1 1/4+G 1 1/2
- KTGHF7K0V35=4+5



**DIMENSIONS:**



Type	Pipe ISO 228/1	A mm	B mm	C mm
21HF6K0V250	G 1	65	110	104
21HF7K0V350	G 1 1/4	94	130	128
21HF8K0V400	G 1 1/2			

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