Solenoid valve 2/2 way N.C.
With pilot control

21WA3K0*B*130 ÷ 21WA4K0*B*130

PRESENTATION:

S.V. with pilot control for interception of fluids compatible with the construction materials.
A minimum operational pressure of 0,2 bar is required.
The materials used and the tests carried out ensure maximum reliability and duration.

USE: Automation
Heating

PIPES: G 3/8 - G 1/2

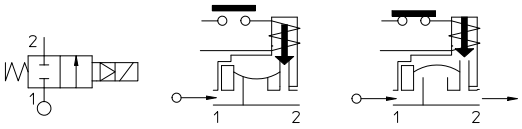
COILS: 8W - Ø 13
BDA - BSA 155°C (class F)
BDV 180°C (class H)

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

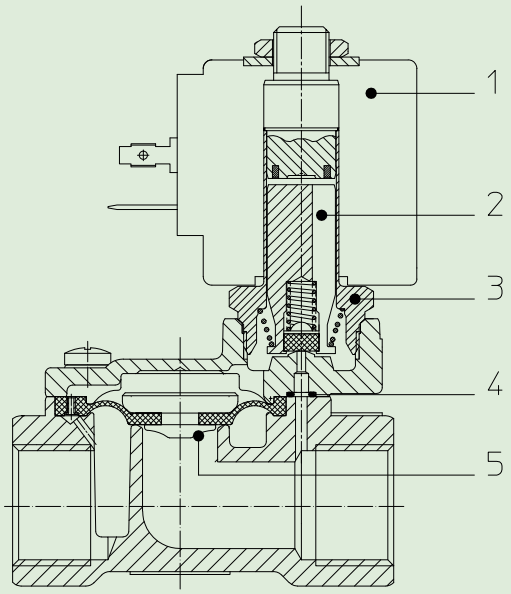
Max. allowable pressure (PS) 25 bar
Ambient temperature:
See coils catalogue page for its compatibility.

Gaskets	Temperature		Medium
B=NBR (nitrile rubber)	- 10°C	+ 90°C	Air, inert gas, water
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

For seals other than NBR replace the letter "**B**" with the ones corresponding to the other seals. E.I. 21WA3K0**V**130.



Pipe ISO 228/1	Code	Max viscosity		Ø	Kv	Power	Pressure		
							min	M.O.P.D.	
		cSt	°E	mm	l/mn	watt	bar	AC bar	DC bar
G 3/8	21WA3K0**B**130	12	~ 2	13	60	8	0,2	16	16
G 1/2	21WA4K0**B**130				70				



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: B=NBR On request: V=FKM
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 plunger:**
   Code R450886/***B***
3. **Complete armature tube:**
   Code R450606
4. **Gasket O-Ring:**
   Code R990300/***B***
5. **Complete diaphragm:**
   Code R452186/***B***

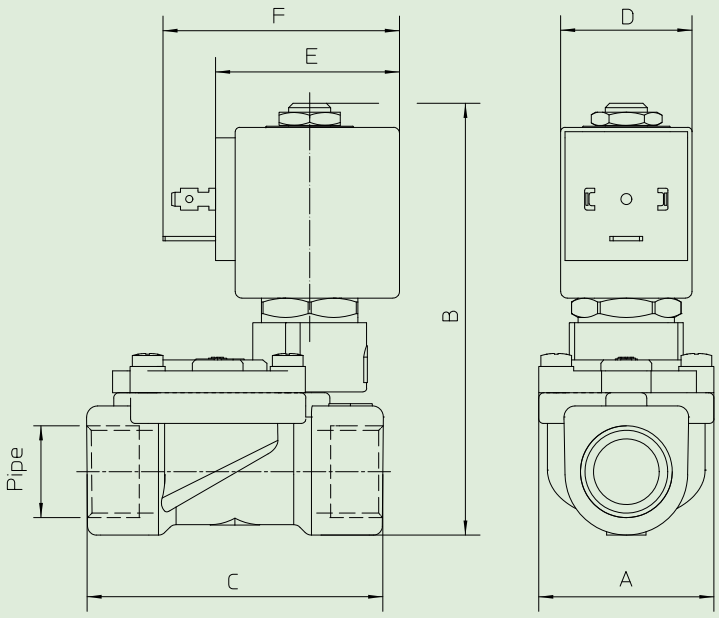
KIT:

KT130K***B***30-A= ***2+3***

MAINTENANCE KIT:

KTGWA3K0***B***13**= *2+4+5***

DIMENSIONS:



Type	Pipe ISO 228/1	A mm	B mm	C mm
21WA3K0**B**130	G 3/8	40	97	60
21WA4K0**B**130	G 1/2			66

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

Solenoid valve 2/2 way N.C.
With pilot control - Manual operation

21WA3K0*B*130-M ÷ 21WA4K0*B*130-M

PRESENTATION:

S.V. with pilot control for interception of fluids compatible with the construction materials.
A minimum operational pressure of 0,2 bar is required.
The materials used and the tests carried out ensure maximum reliability and duration.

USE:: Automation
Heating

PIPES: G 3/8 - G 1/2

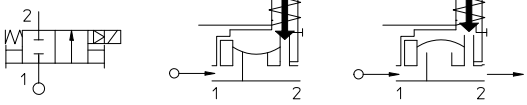
COILS: 8W - Ø 13

BDA - BSA	155°C	(class F)
BDV	180°C	(class H)

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

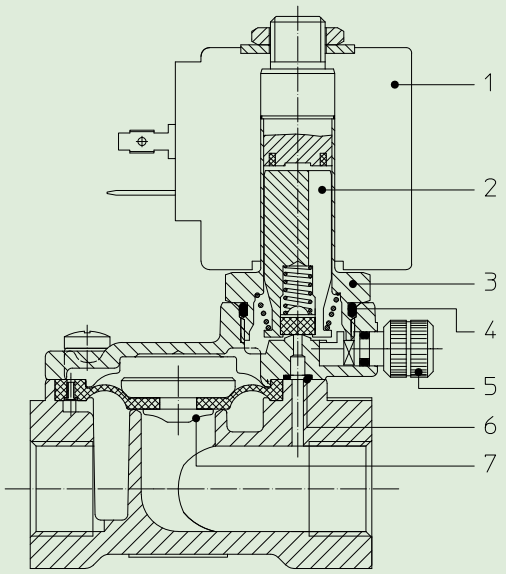
Max. allowable pressure (PS) 25 bar
Ambient temperature:
See coils catalogue page for its compatibility.

Gaskets	Temperature		Medium
B=NBR (nitrile rubber)	- 10°C	+ 90°C	Air, inert gas, water
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



For seals other than NBR replace the letter "**B**" with the ones corresponding to the other seals. E.I. 21WA3K0**V**130-M

Pipe ISO 228/1	Code	Max viscosity		Ø	Kv	Power	Pressure		
							min	M.O.P.D.	
		cSt	°E	mm	l/mn	watt	bar	AC bar	DC bar
G 3/8	21WA3K0**B**130-M	12	~ 2	13	60	8	0,2	16	16
G 1/2	21WA4K0**B**130-M				70				



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: B=NBR On request: V=FKM
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 plunger:**
   Code R450886/**B**
3. **Complete armature tube:**
   Code R450603
4. **Gasket O-Ring:**
   Code R990000/**B**
5. **Manual operational:**
   Code R451772/**B**
6. **Gasket O-Ring:**
   Code R990300/**B**
7. **Complete diaphragm:**
   Code R452186/**B**

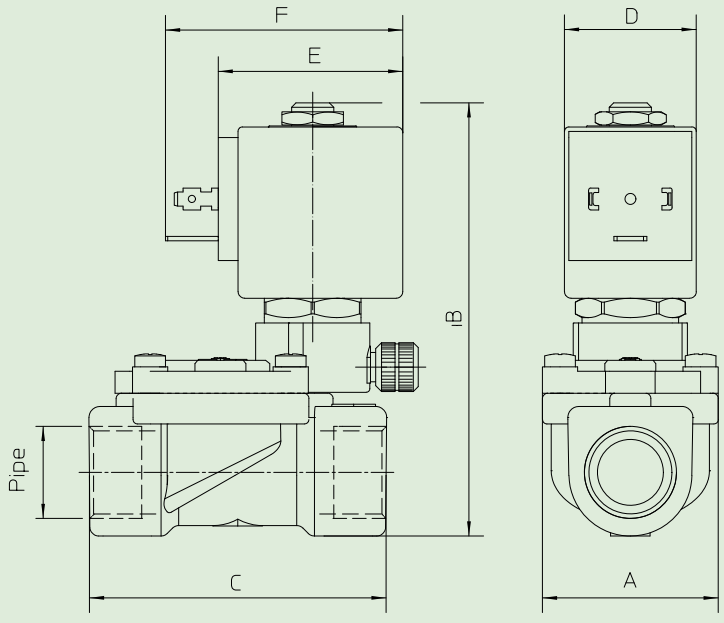
KIT:

KT130K**B**30-F=**2+3+4**

MAINTENANCE KIT:

KTGWA3K0**B**13**=2+6+7**

DIMENSIONS:



Type	Pipe ISO 228/1	A mm	B mm	C mm
21WA3K0**B**130-M	G 3/8	40	97	60
21WA4K0**B**130-M	G 1/2			66

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

Solenoid valve 2/2 way N.C.
With pilot control - Manual operation

21WA3K0*B*130-M ÷ 21WA4K0*B*130-M

PRESENTATION:

S.V. with pilot control for interception of fluids compatible with the construction materials.
A minimum operational pressure of 0,2 bar is required.
The materials used and the tests carried out ensure maximum reliability and duration.

USE:: Automation
Heating

PIPES: G 3/8 - G 1/2

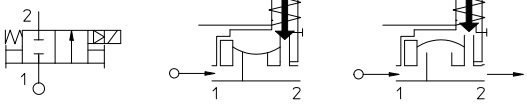
COILS: 8W - Ø 13

BDA - BSA	155°C	(class F)
BDV	180°C	(class H)

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

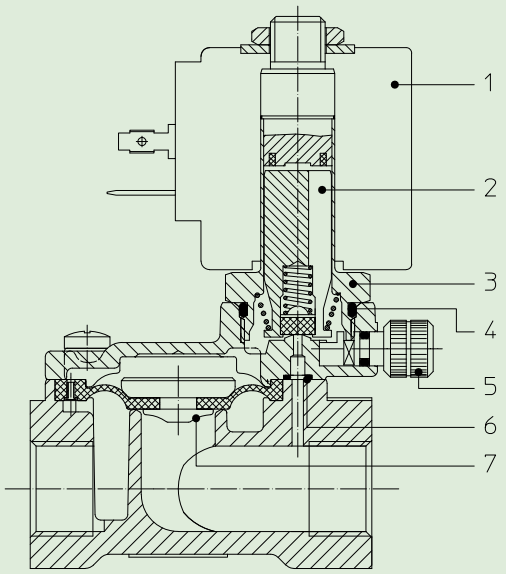
Max. allowable pressure (PS) 25 bar
Ambient temperature:
See coils catalogue page for its compatibility.

Gaskets	Temperature		Medium
B=NBR (nitrile rubber)	- 10°C	+ 90°C	Air, inert gas, water
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



For seals other than NBR replace the letter "**B**" with the ones corresponding to the other seals. E.I. 21WA3K0**V**130-M

Pipe ISO 228/1	Code	Max viscosity		Ø	Kv	Power	Pressure		
							min	M.O.P.D.	
		cSt	°E	mm	l/mn	watt	bar	AC bar	DC bar
G 3/8	21WA3K0**B**130-M	12	~ 2	13	60	8	0,2	16	16
G 1/2	21WA4K0**B**130-M				70				



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: B=NBR On request: V=FKM
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 plunger:**
   Code R450886/**B**
3. **Complete armature tube:**
   Code R450603
4. **Gasket O-Ring:**
   Code R990000/**B**
5. **Manual operational:**
   Code R451772/**B**
6. **Gasket O-Ring:**
   Code R990300/**B**
7. **Complete diaphragm:**
   Code R452186/**B**

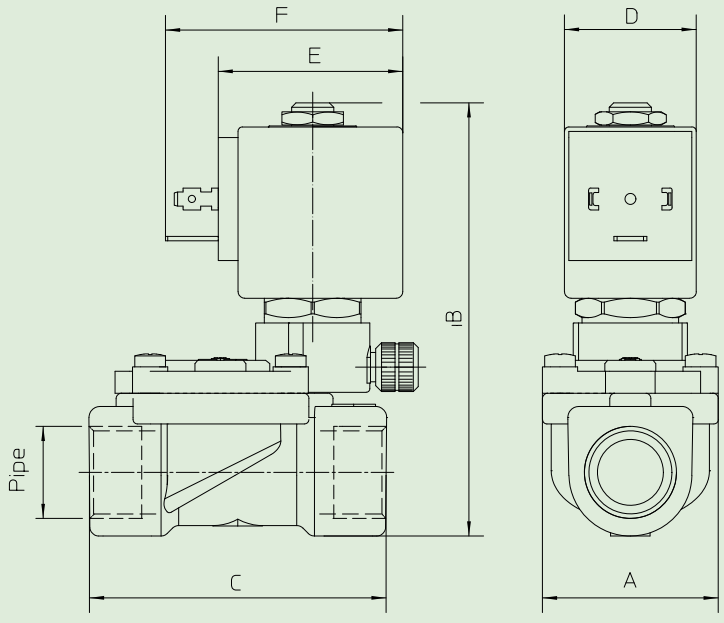
KIT:

KT130K**B**30-F=**2+3+4**

MAINTENANCE KIT:

KTGWA3K0**B**13**=2+6+7**

DIMENSIONS:



Type	Pipe ISO 228/1	A mm	B mm	C mm
21WA3K0**B**130-M	G 3/8	40	97	60
21WA4K0**B**130-M	G 1/2			66

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

Solenoid valve 2/2 way N.C.
With pilot control

21WA3K0B130-MM
÷
21WA4K0B130-MM

PRESENTATION:

S.V. with pilot control for interception of fluids compatible with the construction materials.
A minimum operational pressure of 0,3 bar is required.
The materials used and the tests carried out ensure maximum reliability and duration.

USE: Automation
Heating

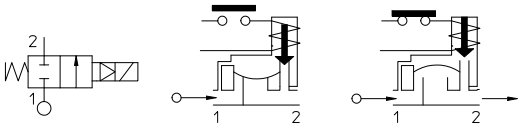
PIPES: G 3/8 - G 1/2

COILS: 8W - Ø 13
BDA - BSA 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) 20 bar
Ambient temperature:
See coils catalogue page for its compatibility.

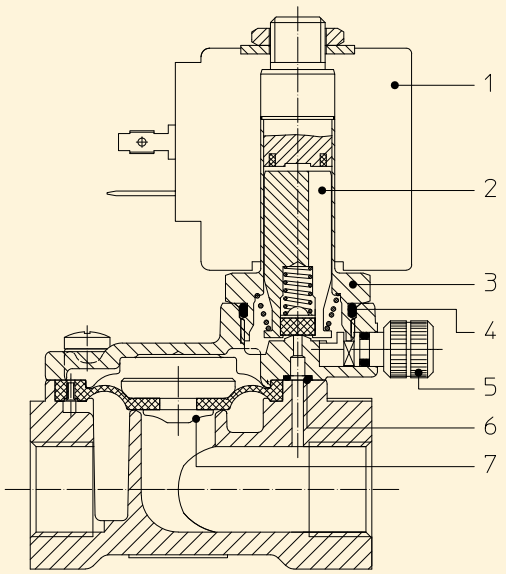
Gaskets	Temperature		Medium
B=NBR (nitrile rubber)	- 10°C	+ 90°C	Air, inert gas, water
V=FKM (fluoroelastomer)	- 10°C	+140°C	Mineral oils (2°E),gasoline gas oil



For seals other than NBR replace the letter "**B**" with the ones corresponding to the other seals. E.I. 21WA3K0**V**130-MM.

Pipe ISO 228/1	Code	Max viscosity		Ø	Kv	Power	Pressure		
							min	M.O.P.D.	
		cSt	°E	mm	l/mn	watt	bar	AC bar	DC bar
G 3/8	21WA3K0**B**130-MM	12	~ 2	13	60	8	0,3	16	16
G 1/2	21WA4K0**B**130-MM				70				

Note
Available on request and with minimum quantities.



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: B=NBR On request: V=FKM
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 plunger:**
   Code R450886/***B***
3. **Complete armature tube:**
   Code R450606
4. **Gasket O-Ring:**
   Code R990300/***B***
5. **Complete diaphragm:**
   Code R452726/***B***

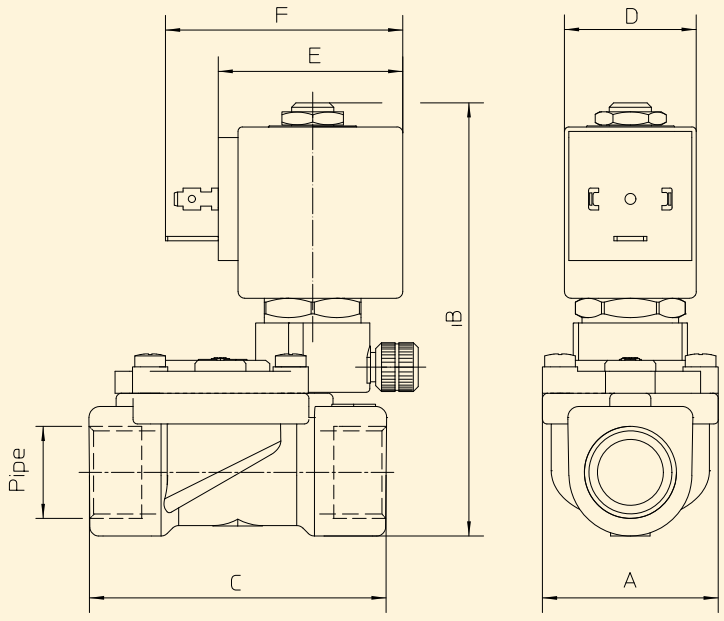
KIT:

KT130K***B***30-A= ***2+3***

MAINTENANCE KIT:

KTGWA3K0***B***13-MM***= 2+4+5***

DIMENSIONS:



Type	Pipe ISO 228/1	A mm	B mm	C mm
21WA3K0**B**130-MM	G 3/8	40	97	60
21WA4K0**B**130-MM	G 1/2			66

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

Solenoid valve 2/2 way N.C.
With pilot control

21WA3R0*B*130
÷
21WA4R0*B*130

PRESENTATION:

S.V. with pilot control for interception of fluids compatible with the construction materials.
A minimum operational pressure of 0,2 bar is required.
The materials used and the tests carried out ensure maximum reliability and duration.

USE: Automation
Heating

PIPES: G 3/8 - G 1/2

COILS: 5W - Ø 10

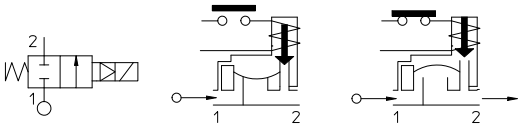
LBA	155°C (class F)
LBF - LBV	180°C (class H)

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

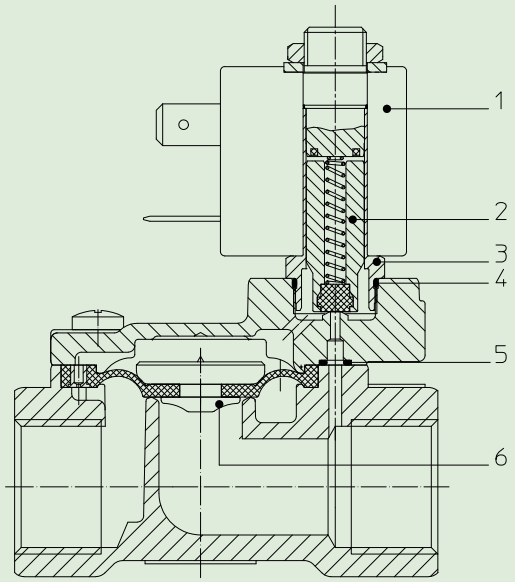
Max. allowable pressure (PS) 25 bar
Ambient temperature:
See coils catalogue page for its compatibility.

Gaskets	Temperature		Medium
B=NBR (nitrile rubber)	- 10°C	+ 90°C	Air, inert gas, water
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

For seals other than NBR replace the letter "**B**" with the ones corresponding to the other seals. E.I. 21WA3R0***V***130



Pipe ISO 228/1	Code	Max viscosity		Ø	Kv	Power	Pressure		
							min	M.O.P.D.	
		cSt	°E	mm	l/mn	watt	bar	AC bar	DC bar
G 3/8	21WA3R0**B**130	12	~ 2	13	60	5	0,2	12	12
G 1/2	21WA4R0**B**130				70				



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: B=NBR On request: V=FKM E=EPDM
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 plunger:**
   Code R451101/***B***
3. **Complete armature tube:**
   Code R452062
4. **Gasket O-Ring:**
   Code R990597/***B***
5. **Gasket O-Ring:**
   Code R990300/***B***
6. **Complete diaphragm:**
   Code R452186/***B***

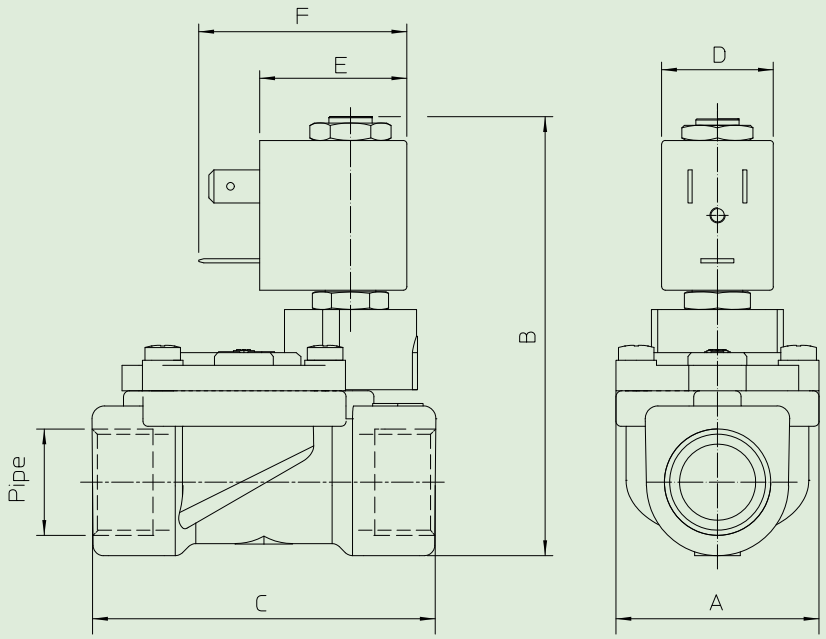
KIT:

KT100R0***B***25-FJ= ***2+3+4***

MAINTENANCE KIT

KTGWA3R0***B***13***= 2+5+6***

DIMENSIONS:



Type	Pipe ISO 228/1	A mm	B mm	C mm
21WA3R0**B**130	G 3/8	40	84,5	60
21WA4R0**B**130	G 1/2			66

COIL TYPE	POWER ABSORPTION			DIMENSIONS		
	W ⎓	Hold VA ~	Inrush VA ~	D mm	E mm	F mm
L	5	10	15	22	27,5	39,5

Solenoid valve 2/2 way N.C.
With pilot control - Manual operation

21WA3R0*B*130-M ÷ 21WA4R0*B*130-M

PRESENTATION:

S.V. with pilot control for interception of fluids compatible with the construction materials.
A minimum operational pressure of 0,2 bar is required.
The materials used and the tests carried out ensure maximum reliability and duration.

USE: Automation
Heating

PIPES: G 3/8 - G 1/2

COILS: 5W - Ø 10

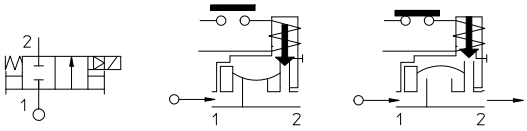
LBA	155°C (class F)
LBF - LBV	180°C (class H)

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

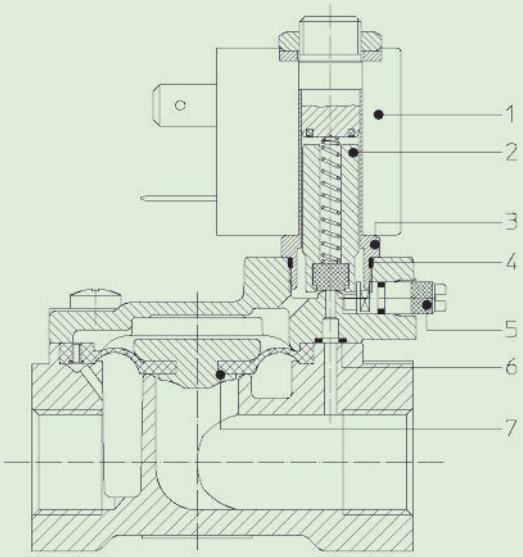
Max. allowable pressure (PS) 25 bar
Ambient temperature:
See coils catalogue page for its compatibility.

Gaskets	Temperature		Medium
B=NBR (nitrile rubber)	- 10°C	+ 90°C	Air, inert gas, water
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

For seals other than NBR replace the letter "**B**" with the ones corresponding to the other seals. E.I. 21WA3R0**V**130-M.



Pipe ISO 228/1	Code	Max viscosity		Ø	Kv	Power	Pressure		
							min	M.O.P.D.	
		cSt	°E	mm	l/mn	watt	bar	AC bar	DC bar
G 3/8	21WA3R0**B**130-M	12	~ 2	13	60	5	0,2	12	12
G 1/2	21WA4R0**B**130-M				70				



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: B=NBR On request: V=FKM E=EPDM
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 plunger:**
   Code R451101**/B**
3. **Complete armature tube:**
   Code R452062
4. **Gasket O-Ring:**
   Code R990597**/B**
5. **Manual operation:**
   Code R450576
6. **Gasket O-Ring:**
   Code R990300/**B**
7. **Complete diaphragm:**
   Code R452186**/B**

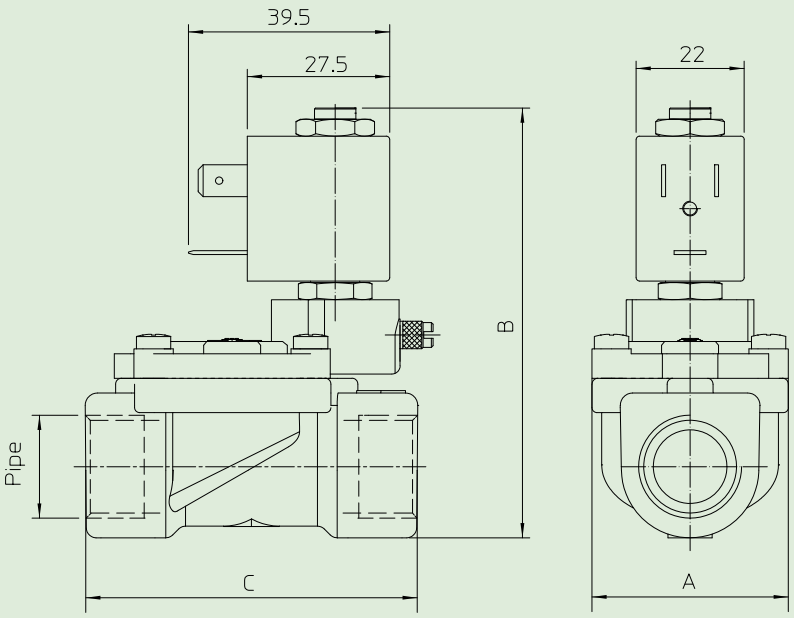
KIT:

KT100R0***B***25-FJ= ***2+3+4***

MAINTENANCE KIT:

KTGWA3R0***B***13**= *2+5+6***

DIMENSIONS:



Type	Pipe ISO 228/1	A mm	B mm	C mm
21WA3R0**B**130-M	G 3/8	40	84,5	60
21WA4R0**B**130-M	G 1/2			66

COIL TYPE	POWER ABSORPTION		
	W ⎓	Hold VA ~	Inrush VA ~
L	5	10	15

Solenoid valve 2/2 way N.C.
With pilot control

21W3K*B*190 ÷ 21W7K*B*500

PRESENTATION:

S.V. with pilot control for interception of fluids compatible with the construction materials.
A minimum operational pressure of 0,2 bar is required.
The materials used and the tests carried out ensure maximum reliability and duration.

USE: Automation
Heating

PIPES: G 3/4 - G 2

COILS: 8W - Ø 13

BDA - BSA	155°C	(class F)
BDV	180°C	(class H)

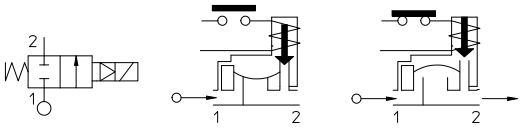
COIL HOUSING AND COIL FORMER MATERIAL ARE MADE BY 100% VIRGIN MATERIAL.

Max. allowable pressure (PS)

G 3/4 - G 1	25 bar
G 1 1/4 - G 2	16 bar

Ambient temperature:
See coils catalogue page for its compatibility.

Gaskets	Temperature		Medium
B=NBR (nitrile rubber)	- 10°C	+ 90°C	Air, inert gas, water
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

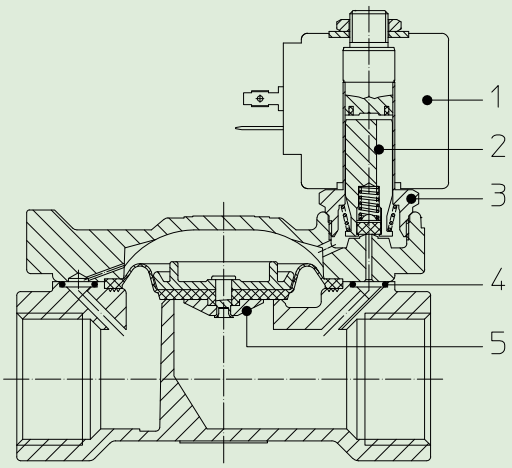


For seals other than NBR replace the letter "**B**" with the ones corresponding to the other seals. E.I. 21W3K**E**190.

Pipe ISO 228/1	Code	Max viscosity		Ø	Kv	Power	Pressure		
							min	M.O.P.D.	
		cSt	°E	mm	l/mn	watt	bar	AC bar	DC bar
G 3/4	21W3K**B**190	12	~ 2	19	140	8	0,2	16	16
G 1	21W4K**B**250			25	190				
G 1 1/4	21W5K**B**350			35	400			10	10
G 1 1/2	21W6K**B**400			40	520				
G 2	21W7K**B**500			50	750				

CE

CE Approval
(Pressure Equipment Directive 97/23/CE)
for S.V. 21W5÷21W7



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: B=NBR On request: E=EPDM V=FKM
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 plunger:**
   Code R450886/***B***
3. **Complete armature tube:**
   Code R450606
4. **Gasket O-Ring:**
   G 3/4-G 1 Code R990002/***B***
   G 1 1/4-G 1 1/2 Code R990005/***B***
   G 2 Code R990081/***B***
5. **Complete diaphragm:**
   G 3/4-G 1 Code R450431/***B***
   G 1 1/4-G 1 1/2 Code R450466/***B***
   G 2 Code R450432/***B***

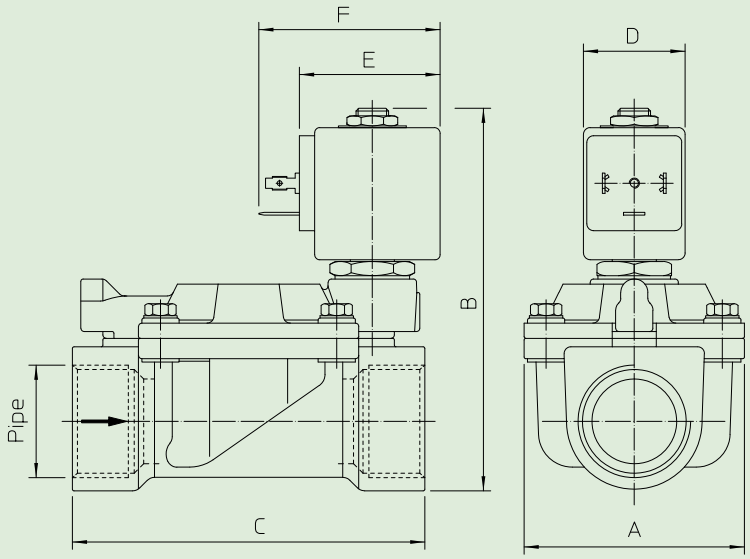
KIT:

KT130K***B***30-A=***2+3***

MAINTENANCE KIT:

G 3/4-G 1
KTG0W3K***B***19=***2+4+5***
G 1 1/4-G 1 1/2
KTG0W5K***B***35=***2+4+5***
G 2
KTG0W7K***B***50=**2+4+5**

DIMENSIONS:



Type	Pipe ISO 228/1	A mm	B mm	C mm
21W3K**B**190	G 3/4	65	105	104
21W4K**B**250	G 1		112	
21W5K**B**350	G 1 1/4	98	125	144
21W6K**B**400	G 1 1/4			
21W7K**B**500	G 2	118	141	172

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

Solenoid valve 2/2 way N.C.
With pilot control - Progressive closing

21W3K*B*190-PC ÷ 21W4K*B*250-PC

PRESENTATION:

S.V. with pilot control for interception of fluids compatible with the construction materials.
A minimum operational pressure of 0,2 bar is required.
The materials used and the tests undertaken ensure maximum reliability and duration.

USE: Automation
Heating

PIPES: G 3/4 - G 1

COILS: 8W - Ø 13

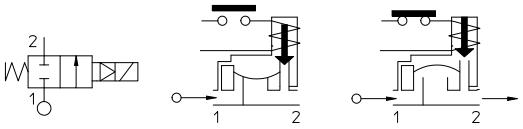
BDA - BSA	155°C	(class F)
BDV	180°C	(class H)

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

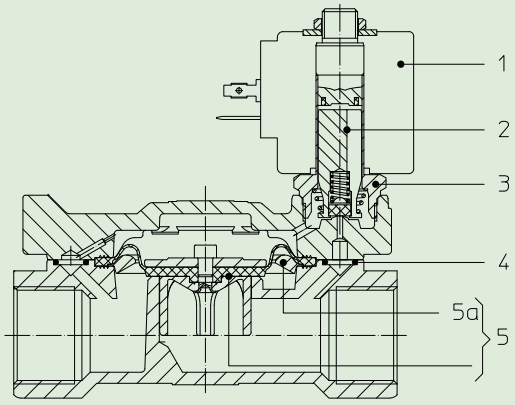
Max. allowable pressure (PS) 25 bar
Ambient temperature:
See coils catalogue page for its compatibility.

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

For seals other than NBR replace the letter "**B**" with the ones corresponding to the other seals. E.I. 21W3K**V**190-PC.



Pipe ISO 228/1	Code	Max viscosity		Ø	Kv	Power	Pressure		
							min	M.O.P.D.	
		cSt	°E	mm	l/mn	watt	bar	AC bar	DC bar
G 3/4	21W3K**B**190-PC	12	~ 2	19	120	8	0,2	16	16
G 1	21W4K**B**250-PC			25	150				



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: B=NBR On request: V=FKM
Orifice	Brass - UNI EN 12165 CW617
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 plunger:**
   Code R450886/***B***
3. **Complete armature tube :**
   Code R450606
4. **Gasket O-Ring**
   Code R990002/***B***
5. **Complete diaphragm:**
   Code R451157/***B***

5a. Diaphragm-supporting Ring:
Code R451228

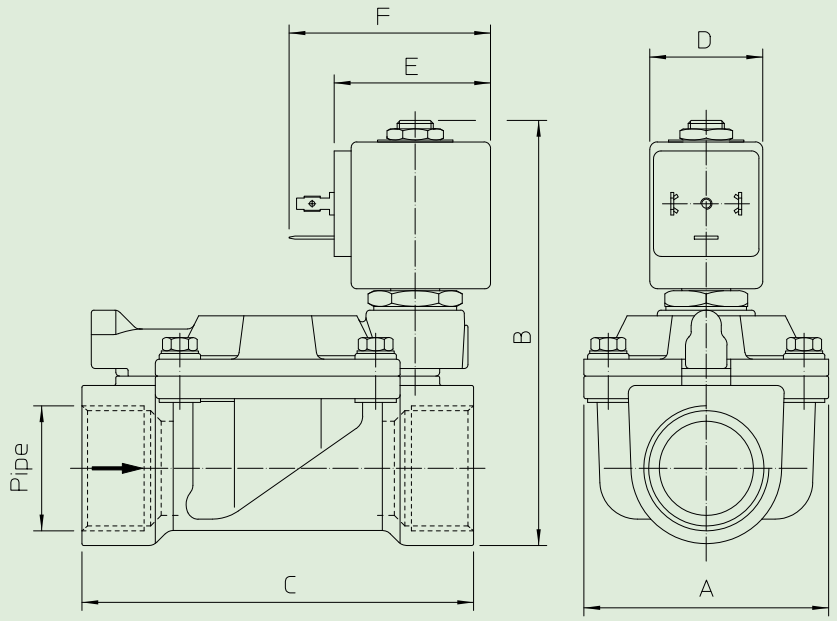
KIT:

KT130K***B***30-A=***2+3***

MAINTENANCE KIT:

KTG0W3K***B***19-PC=***2+4+5***

DIMENSIONS:



Type	Pipe ISO 228/1	A mm	B mm	C mm
21W3K**B**190-PC	G 3/4	65	105	104
21W4K**B**250-PC	G 1		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

Solenoid valve 2/2 way N.C.
With pilot control - manual operation and closing velocity control

21W3K*B*190-MR ÷ 21W7K*B*500-MR

PRESENTATION:

S.V. with pilot control for interception of fluids compatible with the construction materials.
A minimum operational pressure of 0,2 bar is required.
The materials used and the tests carried out ensure maximum reliability and duration.

USE:

Automation
Heating

PIPES:

G 3/4 - G 2

COILS:

8W - Ø 13

BDA - BSA	155°C	(class F)
BDV	180°C	(class H)

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

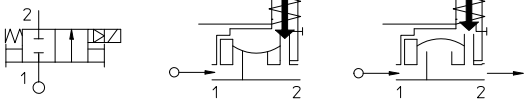
Max. allowable pressure (PS)

G 3/4 - G 1	25 bar
G 1 1/4 - G 2	16 bar

Ambient temperature:
See coils catalogue page for its compatibility.

Gaskets	Temperature		Medium
B=NBR (nitrile rubber)	- 10°C	+ 90°C	Air, inert gas, water
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

For seals other than NBR replace the letter "**B**" with the ones corresponding to the other seals. E.I. 21W3**E**190-MR.

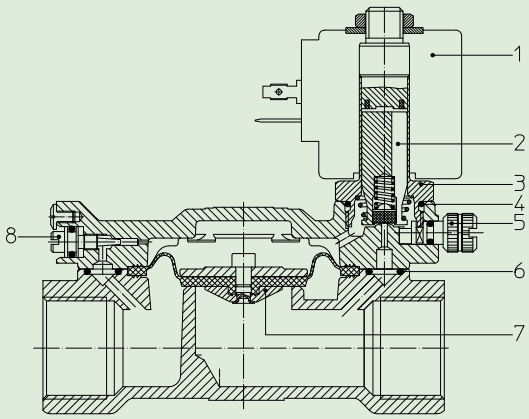


Pipe ISO 228/1	Code	Max viscosity		Ø	Kv	Power	Pressure		
							min	M.O.P.D.	
		cSt	°E	mm	l/mn	watt	bar	AC bar	DC bar
G 3/4	21W3K**B**190-MR	12	~ 2	19	140	8	0,2	16	16
G 1	21W4K**B**250-MR			25	190				
G 1 1/4	21W5K**B**350-MR			35	400			10	10
G 1 1/2	21W6K**B**400-MR			40	520				
G 2	21W7K**B**500-MR			50	750				

CE

CE Approval
(Pressure Equipment Directive 97/23/CE)
for EV 21W5÷21W7

Note
Available on request and with minimum quantities.



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: B=NBR On request: E=EPDM V=FKM
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 plunger:**
   Code R450886/***B***
3. **Complete armature tube :**
   Code R450603
4. **Gasket O-Ring**
   Code R990000/***B***
5. **Manual operation:**
   Code R451772/***B***
6. **Gasket O-Ring:**
   G 3/4-G 1 Code R990002/***B***
   G 1 1/4-G 1 1/2 Code R990005/***B***
   G 2 Code R990081/***B***
7. **Complete diaphragm:**
   G 3/4-G 1 Code R450431/***B***
   G 1 1/4-G 1 1/2 Code R450466/***B***
   G 2 Code R450432/***B***
8. **Regulation screw:**
   Code R450728/***B***

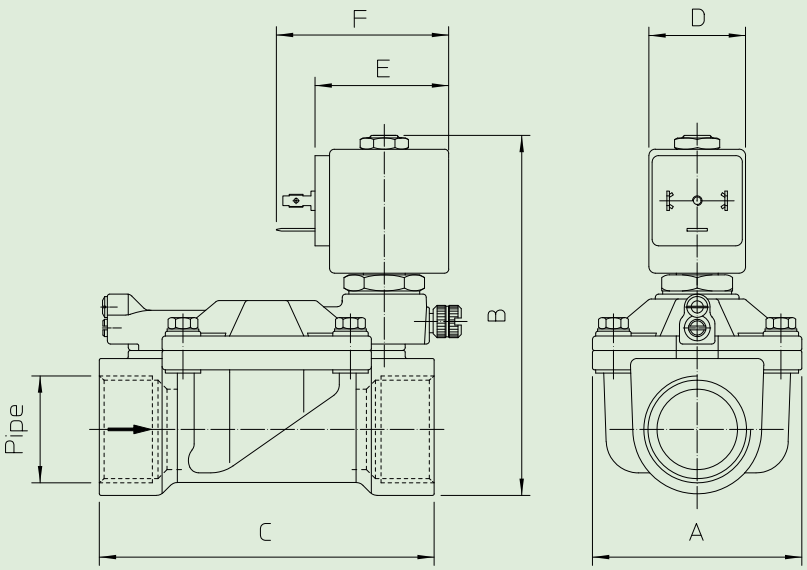
KIT:

KT130K***B***30-F= ***2+3+4***

MAINTENANCE KIT

KTG0W3K***B***19**= *2+6+7***
KTG0W5K***B***35**= *2+6+7***
KTG0W7K***B***50= ***2+6+7***

DIMENSIONS:



Type	Pipe ISO 228/1	A mm	B mm	C mm
21W3K**B**190-MR	G 3/4	65	105	104
21W4K**B**250-MR	G 1		112	
21W5K**B**350-MR	G 1 1/4	98	125	144
21W6K**B**400-MR	G 1 1/2			
21W7K**B**500-MR	G 2	118	141	172

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

Solenoid valve 2/2 way N.C.
With pilot control

21WN3K0*B*130 ÷ 21WN9K*B*500

PRESENTATION:

S.V. with pilot control for interception of fluids compatible with the construction materials.
A minimum operational pressure of 0,2 bar is required.
The materials used and the tests carried out ensure maximum reliability and duration.

USE: Automation
Heating

PIPES: 3/8 NPT - 2 NPT

COILS: 8W - Ø 13

BDA - BSA	155°C	(class F)
BDV	180°C	(class H)

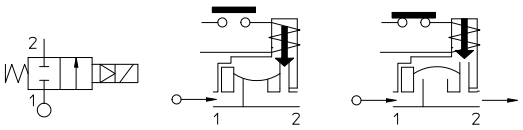
COIL HOUSING AND COIL FORMER MATERIAL ARE MADE BY 100% VIRGIN MATERIAL.

Max. allowable pressure (PS)

3/4 NPT - 1 NPT	25 bar
1 1/4 NPT - 2 NPT	16 bar

Ambient temperature:
See coils catalogue page for its compatibility.

Gaskets	Temperature		Medium
B=NBR (nitrile rubber)	- 10°C	+ 90°C	Air, inert gas, water
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

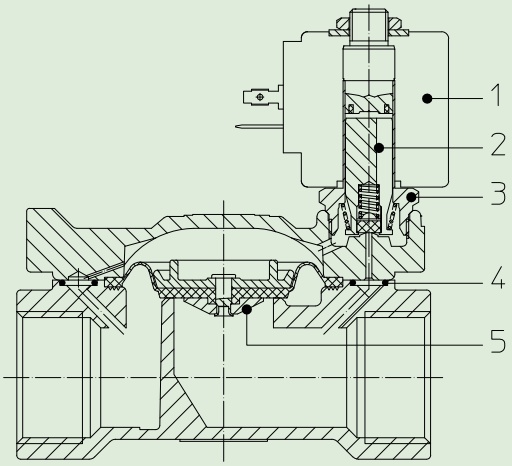


For seals other than NBR replace the letter "**B**" with the ones corresponding to theother seals. E.I. 21WN5K***V***190.

Pipe ANSI/ASME BI.20.1	Code	Max viscosity		Ø	Kv	Power	Pressure		
							min	M.O.P.D.	
		cSt	°E	mm	l/mn	watt	bar	AC bar	DC bar
3/8 NPT	21WN3K0**B**130	12	~ 2	13	60	8	0,2	16	16
1/2 NPT	21WN4K0**B**130				70				
3/4 NPT	21WN5K**B**190			19	140				
1 NPT	21WN6K**B**250			25	190				
1 1/4 NPT	21WN7K**B**350			35	400			10	10
1 1/2 NPT	21WN8K**B**400			40	520				
2 NPT	21WN9K**B**500			50	750				

CE

CE Approval
(Pressure Equipment Directive 97/23/CE)
for S.V. 21WN7÷21WN9



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	B=NBR
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 plunger:**
   Code R450886/***B***
3. **Complete armature tube:**
   Code R450606
4. **Gasket O-Ring:**
   3/8 -1/2 NPT Code R990300/***B***
   3/4 -1 NPT Code R990002/***B***
   1 1/4 -1 1/2 NPT Code R990005/***B***
   2 NPT Code R990081/***B***
5. **Complete diaphragm:**
   3/8 -1/2 NPT Code R452186/***B***
   3/4 - 1 NPT Code R450431/***B***
   1 1/4-1 1/2 NPT Code R450466/***B***
   2 NPT Code R450432/***B***

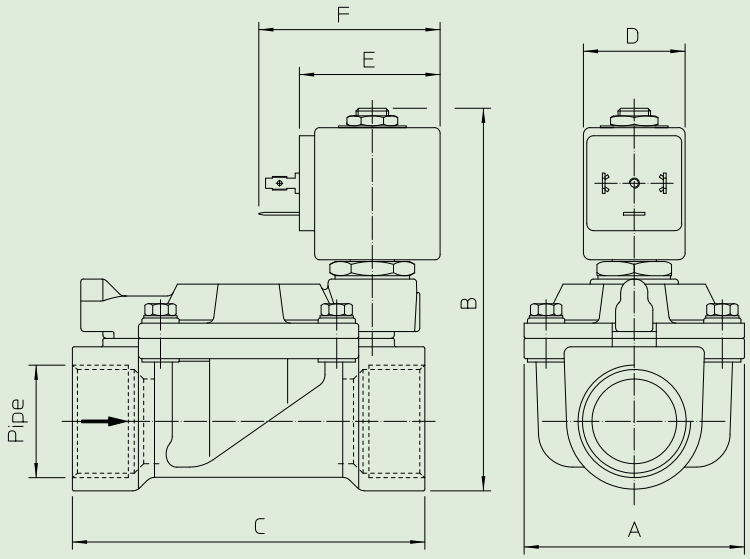
KIT:

KT130K***B***30-A=***2+3***

MAINTENANCE KIT:

3/8 - 1/2 NPT
KTGWA3K0***B***13**=2+4+5**
3/4 - 1 NPT
KTG0W3K***B***19**=2+4+5**
1 1/4 - 1 1/2 NPT
KTG0W5K***B***35**=2+4+5**
2 NPT
KTG0W7K***B***50**=2+4+5**

DIMENSIONS:



Type	Pipe	A mm	B mm	C mm
21WN3K0**B**130	3/8 NPT	40	97	60
21WN4K0**B**130	1/2 NPT			66
21WN5K**B**190	3/4 NPT	65	105	104
21WN6K**B**250	1 NPT		112	
21WN7K**B**350	1 1/4 NPT	98	125	144
21WN8K**B**400	1 1/2 NPT			
21WN9K**B**500	2 NPT	118	141	172

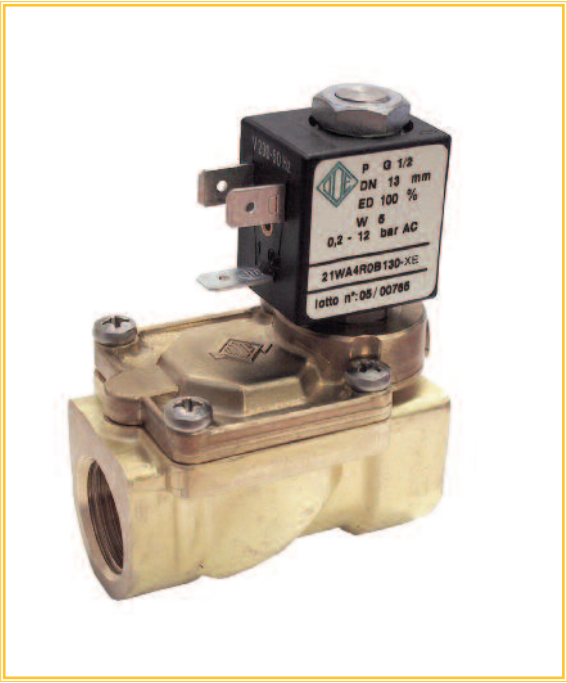
COIL TYPE	POWER ABSORPTION			DIMENSIONS		
	W ⎓	Hold VA ~	Inrush VA ~	D mm	E mm	F mm
B	8	14,5	25	30	42	54

Solenoid valve 2/2 way N.C.
With pilot control

21WN3R0B130 ÷ 21WN4R0B130

PRESENTATION:

S.V. with pilot control for interception of fluids compatible with the construction materials.
A minimum operational pressure of 0,2 bar is required.
The materials used and the tests carried out ensure maximum reliability and duration.



USE: Automation
Heating

PIPES: 3/8 NPT - 1/2 NPT

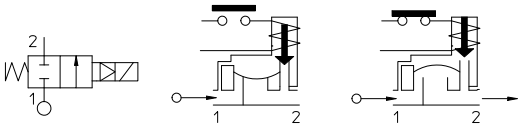
COILS: 5W - Ø 10

LBA	155°C (class F)
LBF - LBV	180°C (class H)

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

Max. allowable pressure (PS) 20 bar
Ambient temperature:
See coils catalogue page for its compatibility.

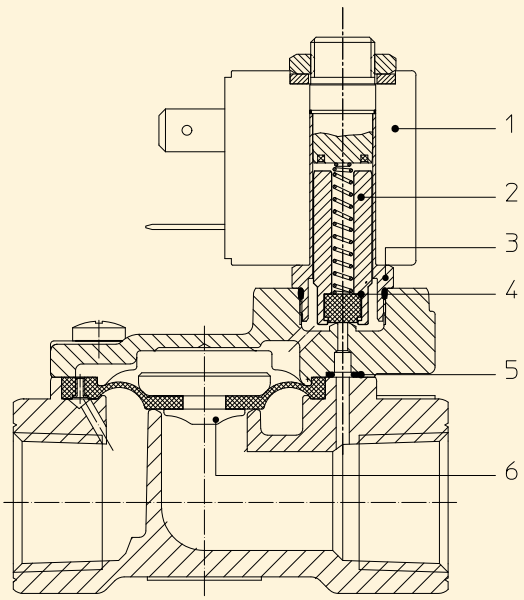
Gaskets	Temperature		Medium
B=NBR (nitrile rubber)	- 10°C	+ 90°C	Air, inert gas, water
E=EPDM (ethylene-propylene)	- 10°C	+140°C	Water, low pressure steam
V=FKM (fluoroelastomer)	- 10°C	+140°C	Mineral oils (2°E),gasoline gas oil



For seals other than NBR replace the letter "**B**" with the ones corresponding to the other seals. E.I. 21WN3R0**V**130.

Pipe ANSI/ASME BI.20.1	Code	Max viscosity		Ø	Kv	Power	Pressure		
							min	M.O.P.D.	
		cSt	°E	mm	l/mn	watt	bar	AC bar	DC bar
3/8 NPT	21WN3R0**B**130	12	~ 2	13	60	8	0,2	12	12
1/2 NPT	21WN4R0**B**130				70				

Note
Available on request and with minimum quantities.



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: B=NBR On request: E=EPDM V=FKM
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 plunger:**
   Code R451101/***B***
3. **Complete armature tube:**
   Code R452062
4. **Gasket O-Ring:**
   Code R990300/***B***
5. **Gasket O-Ring:**
   Code R990597/***B***
6. **Complete diaphragm:**
   Code R452186/***B***

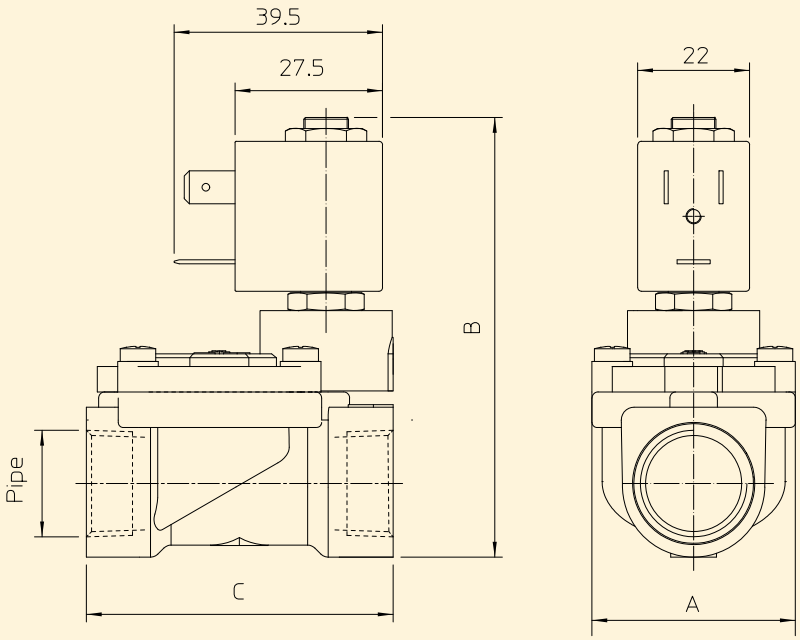
KIT:

KT100R0***B***25-FJ= ***2+3+4***

MAINTENANCE KIT:

KTGWA3R0***B***13**= *2+5+6***

DIMENSIONS:



Type	Pipe	A mm	B mm	C mm
21WN3R0**B**130	3/8 NPT	40	84,5	60
21WN4R0**B**130	1/2 NPT			66

COIL TYPE	POWER ABSORPTION		
	W ⎓	Hold VA ~	Inrush VA ~
L	5	10	15

Solenoid valve 2/2 way N.C.
With pilot control

21WN3K0B130-MM ÷ 21WN4K0B130-MM

PRESENTATION:

S.V. with pilot control for interception of fluids compatible with the construction materials.
A minimum operational pressure of 0,3 bar is required.
The materials used and the tests carried out ensure maximum reliability and duration.

USE: Automation
Heating

PIPES: 3/8 NPT - 1/2 NPT

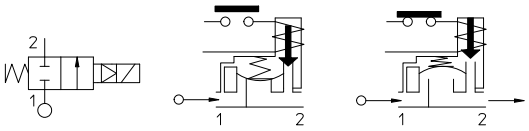
COILS: 8W - Ø 13

BDA - BSA	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) 20 bar
Ambient temperature:
See coils catalogue page for its compatibility.

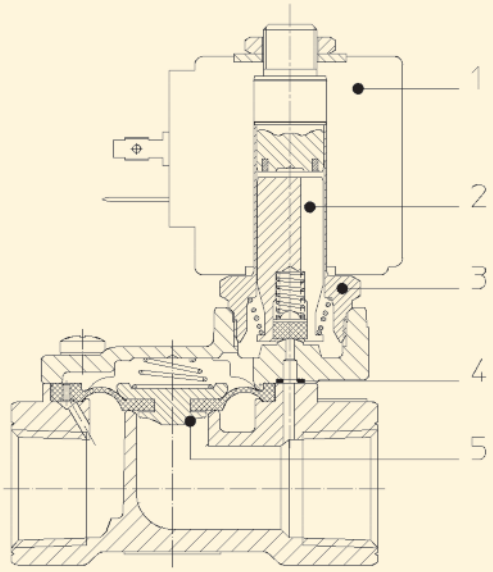
Gaskets	Temperature		Medium
B=NBR (nitrile rubber)	- 10°C	+ 90°C	Air, inert gas, water
V=FKM (fluoroelastomer)	- 10°C	+140°C	Mineral oils (2°E),gasoline gas oil



For seals other than NBR replace the letter "**B**" with the ones corresponding to the other seals. E.I. 21WN3K0**V**130-MM.

Pipe ANSI/ASME BI.20.1	Code	Max viscosity		Ø	Kv	Power	Pressure		
							min	M.O.P.D.	
		cSt	°E	mm	l/mn	watt	bar	AC bar	DC bar
3/8 NPT	21WN3K0**B**130-MM	12	~ 2	13	60	8	0,3	16	16
1/2 NPT	21WN4K0**B**130-MM				70				

Note
Available on request and with minimum quantities.



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: B=NBR On request: V=FKM
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 plunger:**
   Code R450886/***B***
3. **Complete armature tube:**
   Code R450606
4. **Gasket O-Ring:**
   Code R990300/***B***
5. **Complete diaphragm with spring:**
   Code R452726/***B***

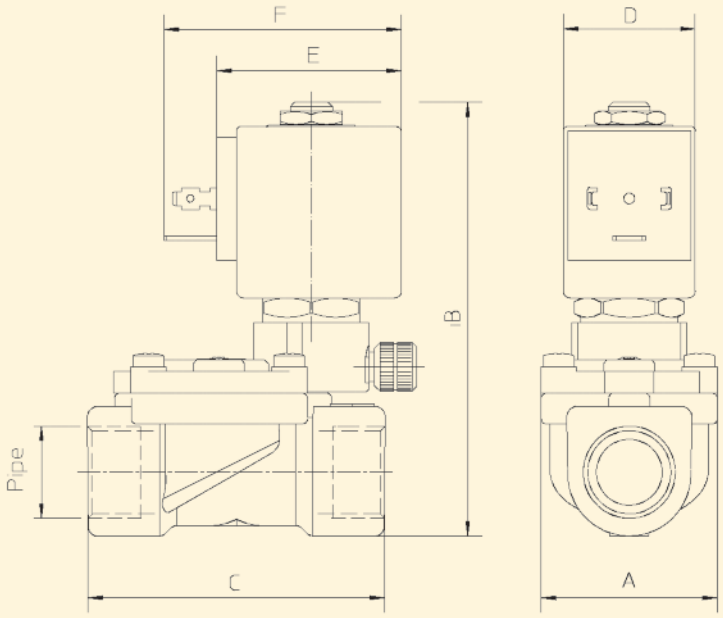
KIT:

KT130K***B***30-A=***2+3***

MAINTENANCE KIT:

KTGWA3K0***B***13-MM=***2+4+5***

DIMENSIONS:



Type	Pipe	A mm	B mm	C mm
21WN3K0**B**130-MM	3/8 NPT	40	97	60
21WN4K0**B**130-MM	1/2 NPT			66

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

Solenoid valve 2/2 way N.C.
With pilot control - Latching coils

21WA3K0B130 ÷ 21WA4K0B130 Latching coils

PRESENTATION:

S.V. with pilot control for interception of fluids compatible with the construction materials.
Opening is obtained by a 50 msec pulse, and closing by another 50 msec pulse, with reversed polarity.
A minimum operational pressure of 0,2 bar is required.
The materials used and the tests carried out ensure maximum reliability and duration.

USE: Automation
Heating

PIPES: G 3/8 - G 1/2

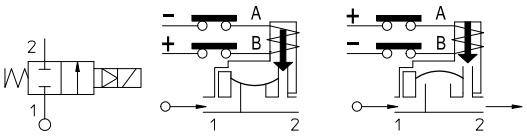
COILS:

BDA2X006LS	155°C(classe F)
BDA2X009LS	155°C(classe F)
BDA2X012LS	155°C(classe F)
BDA05024LS	155°C(classe F)

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

Max. allowable pressure (PS) 20 bar
Ambient temperature:
See coils catalogue page for its compatibility.

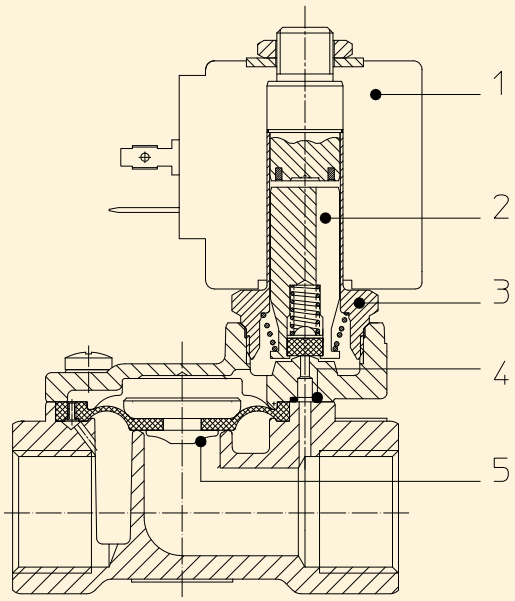
Gaskets	Temperature		Medium
B=NBR (nitrile rubber)	- 10°C	+90°C	Air, inert gas, water
V= FKM (fluoroelastomer)	- 10°C	+ 140°C	Mineral oils (2°E),gasoline gas oil



For seals other than NBR replace the letter "**B**" with the ones corresponding to the other seals. E.I. 21WA3K0**V**130.

Pipe ISO 228/1	Code	Coils code	Voltages VDC	Max viscosity cSt	Max viscosity °E	Ø mm	Kv l/mn	Power watt	Pressure min bar	Pressure M.O.P.D. DC bar
G 3/8	21WA3K0**B**130	BDA2X006LS	6	12	~ 2	13	60	2,5	0,2	16
		BDA2X009LS	9							
		BDA2X012LS	12							
		BDA05024LS	24					5		
G 1/2	21WA4K0**B**130	BDA2X006LS	6				70	2,5		
		BDA2X009LS	9							
		BDA2X012LS	12							
		BDA05024LS	24					5		

Note
Available on request and with minimum quantities.



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
Shutter	Standard B=NBR On request: V=FKM
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:**
   BDA2X006LS
   BDA2X009LS
   BDA2X012LS
   BDA05024LS
2. **Complete plunger:**
   Code R450886/***B***
3. **Complete armature tube:**
   Code R450606
4. **Gasket O-Ring:**
   Code R990300/**B**
5. **Complete diaphragm:**
   Code 452186/***B***

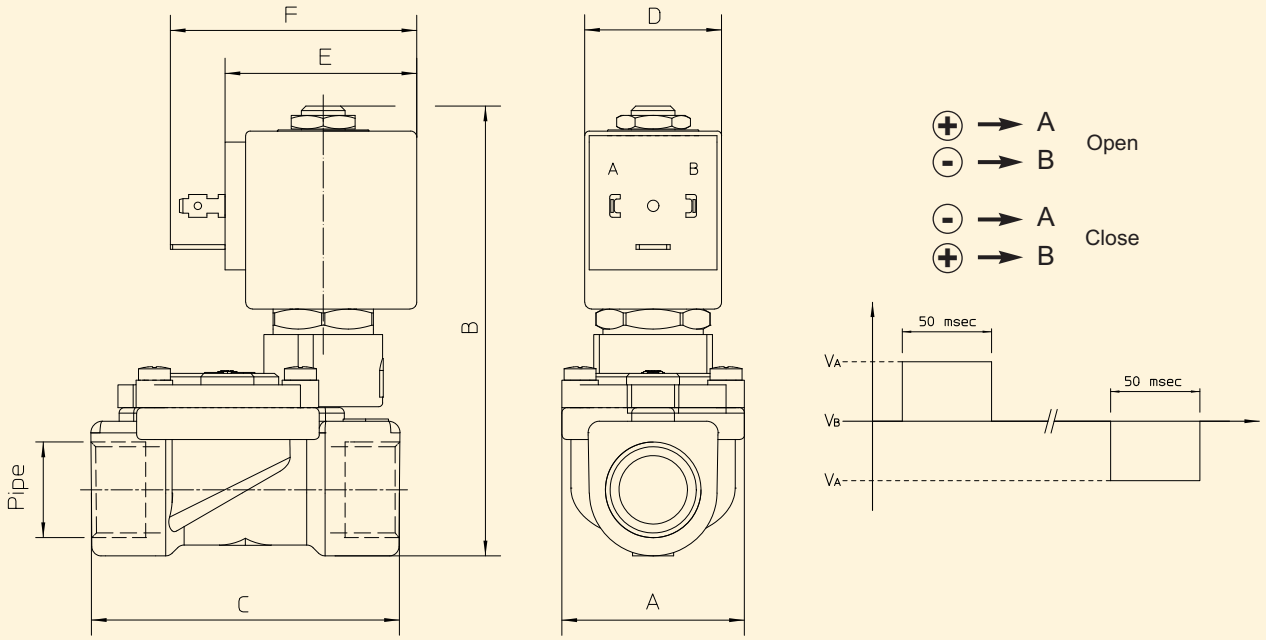
KIT:

KT130K**B**30-A***=2+3***

MAINTENANCE KIT:

KTGWA3K0**B**13***=2+4+5***

DIMENSIONS:



Type	Pipe ISO 228/1	A mm	B mm	C mm
21WA3K0**B**130	G 3/8	40	97	60
21WA4K0**B**130	G 1/2			66

Solenoid valve 2/2 way N.C.
With pilot control - Latching coils

21W3KB190 ÷ 21W7KB500
Latching coils

PRESENTATION:

S.V. with pilot control for interception of fluids compatible with the construction materials.
Opening is obtained by a 50 msec pulse, and closing by another 50 msec pulse, with reversed polarity.
A minimum operational pressure of 0,2 bar is required.
The materials used and the tests carried out ensure maximum reliability and duration.

USE: Automation
Heating

PIPES: G 3/4 - G 2

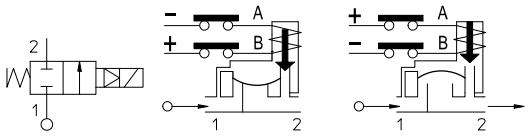
COILS:

BDA2X006LS	155°C(class F)
BDA2X009LS	155°C(class F)
BDA2X012LS	155°C(class F)
BDA05009LS	155°C(class F)
BDA05012LS	155°C(class F)
BDA05024LS	155°C(class F)

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

Max. allowable pressure (PS)
G 3/4 - G 1 25 bar
G 1 1/4 - G 2 16 bar
Ambient temperature:
See coils catalogue page for its compatibility.

Gaskets	Temperature		Medium
B=NBR (nitrile rubber)	- 10°C	+90°C	Air, inert gas, water
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



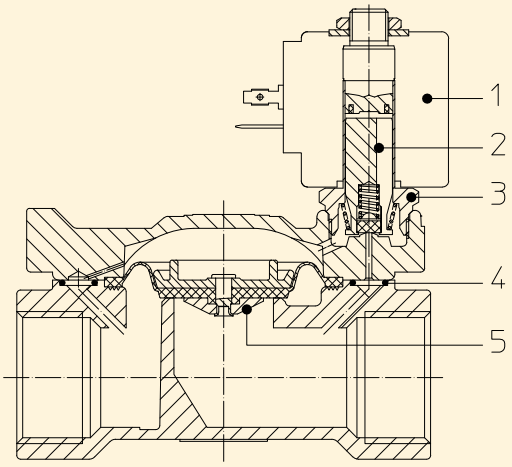
For seals other than NBR replace the letter "**B**" with the ones corresponding to the other seals. E.I. 21W3K**V**190.

Pipe ISO 228/1	Code	Coils code	Voltages VDC	Max viscosity cSt	Max viscosity °E	Ø mm	Kv l/mn	Power watt	Pressure min bar	Pressure M.O.P.D. DC bar
G 3/4 and G 1	21W3K**B**190 and 21W4K**B**250	BDA2X006LS	6	12	~ 2	19	140	2,5	0,2	16
		BDA2X009LS	9							
		BDA2X012LS	12							
		BDA05009LS	9	12	~ 2	25	190	5		
		BDA05012LS	12							
		BDA05024LS	24							
G 1 1/4 and G 1 1/2 and G 2	21W5K**B**350 e 21W6K**B**400 and 21W7K**B**500	BDA2X006LS	6	12	~ 2	35	400	2,5		10
		BDA2X009LS	9							
		BDA2X012LS	12			40	520			
		BDA05009LS	9	12	~ 2			5		
		BDA05012LS	12			50	750			
		BDA05024LS	24							

CE

CE Approval
(Pressure Equipment Directive 97/23/CE)
for S.V. 21W5÷21W7

Note
Available on request and with minimum quantities.



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
Shutter	Standard: B=NBR On request: E=EPDM V=FKM
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:**
   BDA2X006LS
   BDA2X009LS
   BDA2X012LS
   BDA05009LS
   BDA05012LS
   BDA05024LS
2. **Complete plunger:**
   Code R450886/***B***
3. **Complete armature tube:**
   Code R450606
4. **Gasket O-Ring:**
   G 3/4 - G 1 Code R990002/**B**
   G 1 1/4- G 1 1/2 Code R990005/**B**
   G 2 Cod. R990081/**B**
5. **Complete diaphragm:**
   G 3/4-G 1 Code R450431/**B**
   G 1 1/4 - G 1 1/2 Code R450466/**B**
   G 2 Code R450432/**B**

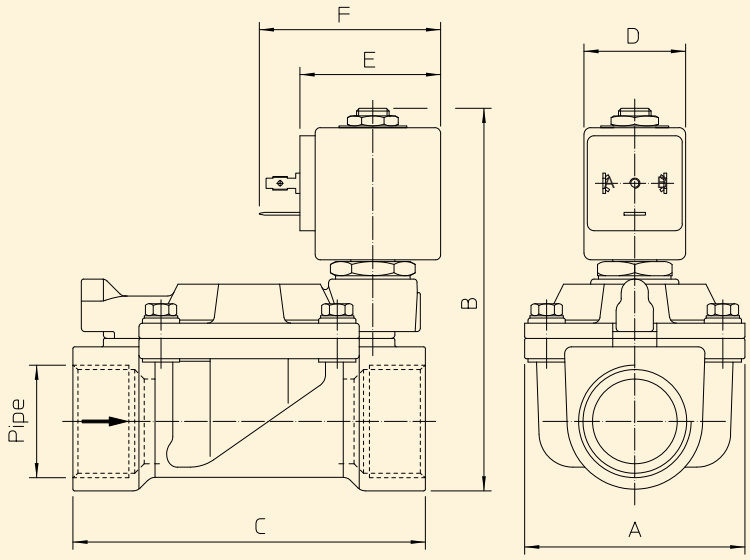
KIT:

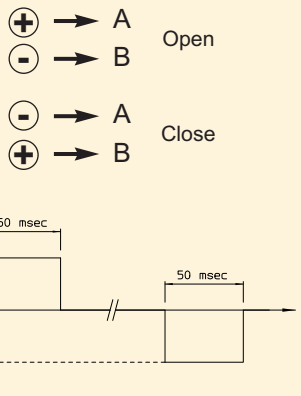
KT130K**B**30-A***=2+3***

MAINTENANCE KIT:

KTG0W3K**B**19***=2+4+5***

DIMENSIONS:





Type	Pipe ISO 228/1	A mm	B mm	C mm	D mm	E mm	F mm
21W3K**B**190	G 3/4	65	105	104	30	42	54
21W4K**B**250	G 1		112				
21W5K**B**350	G 1 1/4	98	125	144			
21W6K**B**400	G 1 1/2						
21W7K**B**500	G 2	118	141	172			

Solenoid valve 2/2 way N.O.
With pilot control

21WA3Z0*B*130 ÷ 21WA4Z0*B*130

PRESENTATION:

S.V. with pilot control for interception of fluids compatible with the construction materials. .
A minimum operational pressure of 0,2 bar is required. The materials used and the tests carried out ensure maximum reliability and duration.

USE: Automation
Heating

PIPE: G 3/8 - G 1/2

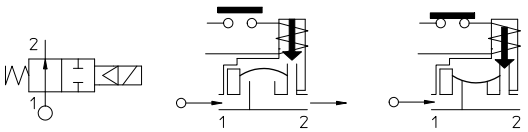
COILS: 8W - Ø 13

BDA - BSA	155°C	(class F)
BDV	180°C	(class H)

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

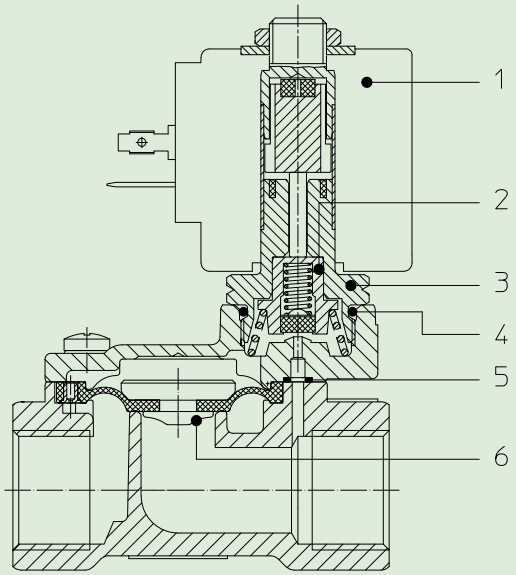
Max. allowable pressure (PS) 25 bar
Ambient temperature:
See coils catalogue page for its compatibility.

Gaskets	Temperature		Medium
B=NBR (nitrile rubber)	- 10°C	+ 90°C	Air, inert gas, water
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



For seals other than NBR replace the letter "**B**" with the ones corresponding to theother seals. E.I. 21WA3Z0**V**130.

Pipe ISO 228/1	Code	Max viscosity		Ø	Kv	Power	Pressure		
							min	M.O.P.D.	
		cSt	°E	mm	l/mn	watt	bar	AC bar	DC bar
G 3/8	21WA3Z0**B**130	12	~ 2	13	60	8	0,2	16	16
G 1/2	21WA4Z0**B**130				70				



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: B=NBR On request: V=FKM E=EPDM
Orificie	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 diaphragm support:
Code R450788/**B**

3. Complete armature tube without gasket:
Code R450573

4. Gasket O-Ring:
Code R990000/**B**

5. Gasket O-Ring:
Code R990300/**B**

6. Complete diaphragm:
Code R452186/**B**

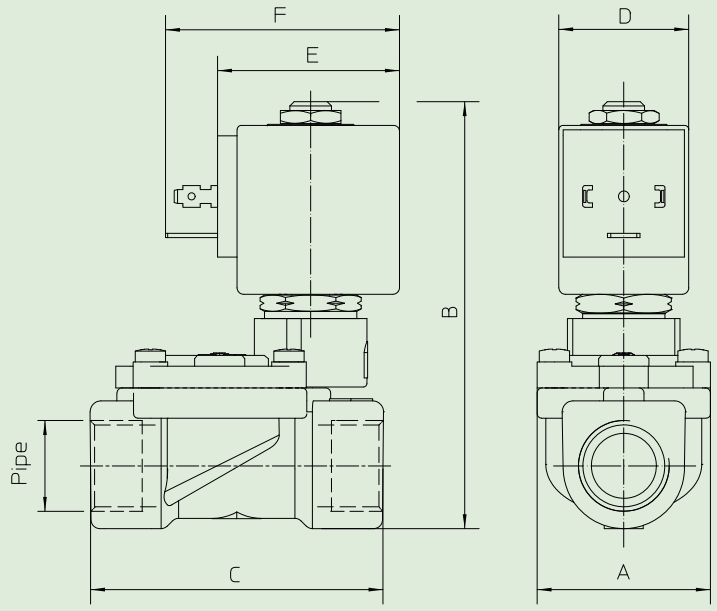
KIT:

KT130ZB30-F**=2+3+4**

MAINTENANCE KIT:

KTGWA3Z0B13**=2+5+6**

DIMENSIONS:



Type	Pipe ISO 228/1	A mm	B mm	C mm
21WA3Z0**B**130	G 3/8	40	97	60
21WA4Z0**B**130	G 1/2			66

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

Solenoid valve 2/2 way N.O.
With pilot control

21W3Z*B*190 ÷ 21W7Z*B*500

PRESENTATION:

S.V. with pilot control for interception of fluids compatible with the construction materials.
A minimum operational pressure of 0,2 bar is required.
The materials used and the tests carried out ensure maximum reliability and duration.

USE: Automation
Heating

PIPES: G 3/4 - G 2

COILS: 8W - Ø 13

BDA - BSA	155°C	(class F)
BDV	180°C	(class H)

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

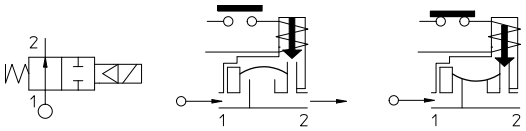
Max. allowable pressure (PS)

G 3/4 - G 1	25 bar
G 1 1/4 - G 2	16 bar

Ambient temperature:
See coils catalogue page for its compatibility.

Gaskets	Temperature		Medium
B=NBR (nitrile rubber)	- 10°C	+ 90°C	Air, inert gas, water
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

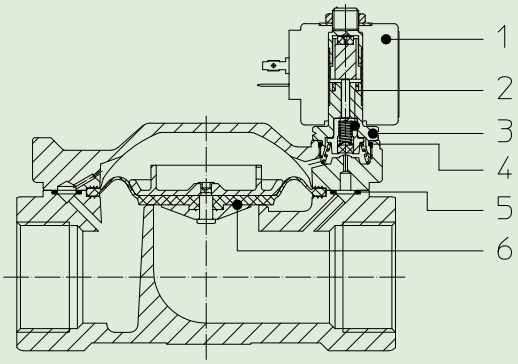
For seals other than NBR replace the letter "**B**" with the ones corresponding to the other seals. E.I. 21W5Z**E**350.



Pipe ISO 228/1	Code	Max viscosity		Ø	Kv	Power	Pressure		
							min	M.O.P.D.	
		cSt	°E	mm	l/mn	watt	bar	AC bar	DC bar
G 3/4	21W3Z**B**190	12	~ 2	19	140	8	0,2	16	16
G 1	21W4Z**B**250			25	190				
G 1 1/4	21W5Z**B**350			35	400			10	10
G 1 1/2	21W6Z**B**400			40	520				
G 2	21W7Z**B**500			50	750				

CE

CE Approval
(Pressure Equipment Directive 97/23/CE)
for S.V. 21W5÷21W7



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: B=NBR On request: E=EPDM V=FKM
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 diaphragm support:**
   Code R450788/***B***
3. **Complete armature tube without gasket:**
   Code R450573
4. **Gasket O-Ring:**
   Code R990000/***B***
5. **Gasket O-Ring:**
   G 3/4-G 1 Code R990002/***B***
   G 1 1/4-G 1 1/2 Code R990005/***B***
   G 2 Code R990081/***B***
6. **Complete diaphragm:**
   G 3/4-G 1 Code R450431/***B***
   G 1 1/4-G 1 1/2 Code R450466/***B***
   G 2 Code R450432/***B***

KIT:

KT130Z***B***30-F=***2+3+4***

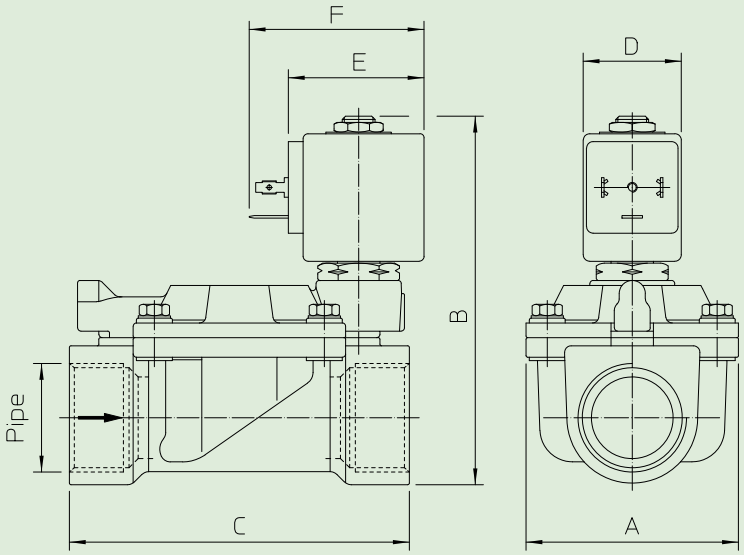
MAINTENANCE KIT:

G 3/4 - G 1
KTG0W3Z***B***19**=2+5+6**

G 1 1/4 - G 1 1/2
KTG0W5Z***B***35**=2+5+6**

G 2
KTG0W7Z***B***50**=2+5+6**

DIMENSIONS:



Type	Pipe ISO 228/1	A mm	B mm	C mm
21W3Z**B**190	G 3/4	65	105	104
21W4Z**B**250	G 1		112	
21W5Z**B**350	G 1 1/4	98	125	144
21W6Z**B**400	G 1 1/2			
21W7Z**B**500	G 2	118	141	172

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

Solenoid valve 2/2 way N.O.
With pilot control

21WN3Z0V130 ÷ 21WN4Z0V130

PRESENTATION:

S.V. with pilot control for interception of fluids compatible with the construction materials.
A minimum operational pressure of 0,2 bar is required.
The materials used and the tests carried out ensure maximum reliability and duration.

Special item-not standard

USE: Automation
Heating

PIPES: 3/8 NPT - 1/2 NPT

COIL: 8W - Ø 13

BDA - BSA	155°C	(class F)
BDV	180°C	(class H)

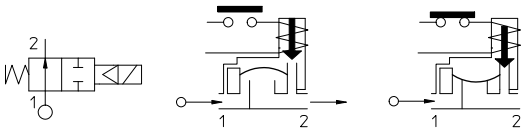
COIL HOUSING AND COIL FORMER MATERIAL ARE MADE BY 100% VIRGIN MATERIAL.

Max. allowable pressure (PS) 20 bar

See coils catalogue page for its compatibility.

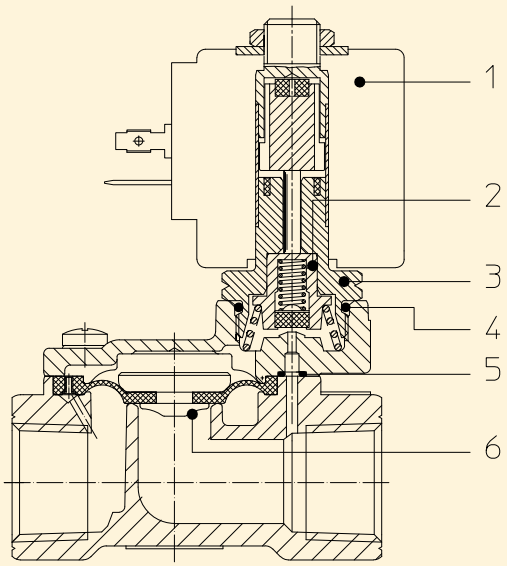
Gaskets	Temperature		Medium
B=NBR (nitrile rubber)	- 10°C	+ 90°C	Air, inert gas, water
E=EPDM (ethylene-propylene)	- 10°C	+140°C	Water, low pressure steam
V=FKM (fluoroelastomer)	- 10°C	+140°C	Mineral oils (2°E),gasoline gas oil

For seals other than FKM replace the letter "**V**" with the ones corresponding to the other seals. E.I. 21WN3Z0**B**130.



Pipe ANSI/ASME BI.20.1	Code	Max viscosity		Ø	Kv	Power	Pressure		
							min	M.O.P.D.	
		cSt	°E	mm	l/mn	(watt)	bar	AC bar	DC bar
3/8 NPT	21WN3Z0**V**130	12	~ 2	13	60	8	0,2	16	16
1/2 NPT	21WN4Z0**V**130				70				

Note.
Available on request and with minimum quantities.



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 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 diaphragm support:**
   Code R450788/***V***
3. **Complete armature tube without gasket:**
   Code R450573
4. **Gasket O-Ring:**
   Code R990000/***V***
5. **Gasket O-Ring:**
   Code R990300/***V***
6. **Complete diaphragm:**
   Code R452186/***V***

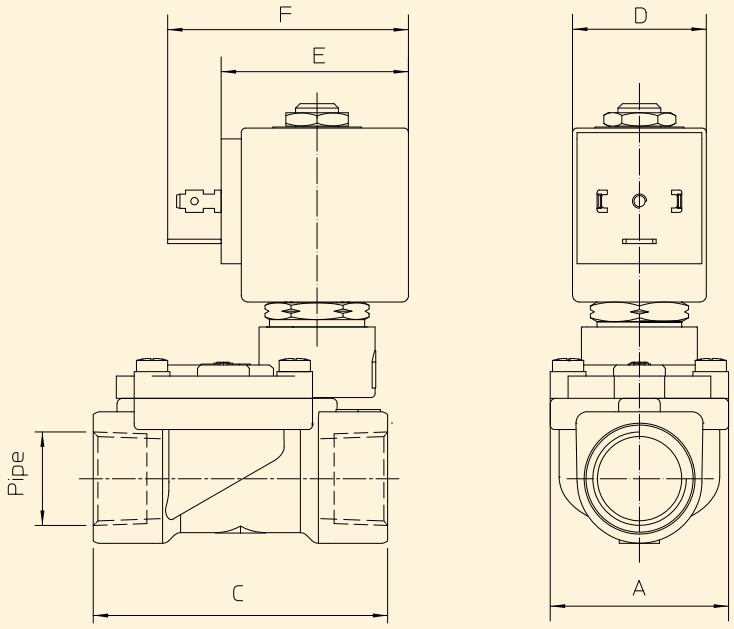
KIT:

KT130Z***B***30-F= ***2+3+4***

MAINTENANCE KIT:

KTGWA3Z0***B***13**= *2+5+6***

DIMENSIONS:



Type	Pipe	A mm	B mm	C mm
21WN3Z0**V**130	3/8 NPT	40	97	60
21WN4Z0**V**130	1/2 NPT			66

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

Solenoid valve 2/2 way N.C.
With pilot control - NSF Certified

21WN6K1*V*250-10T5

PRESENTATION:

S.V. with pilot control for interception of fluids compatible with the construction materials.
A minimum operational pressure of 0,2 bar is required.
The materials used and the tests carried out ensure maximum reliability and duration.

USE: Automation
Heating

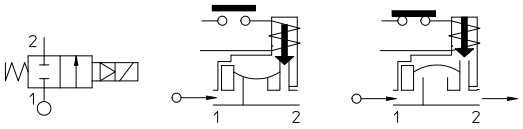
PIPES: 1 NPT

COIL: 8W - Ø 13
BDA - BSA 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) 25 bar
Ambient temperature:
See coils catalogue page for its compatibility.

Gaskets	Temperatur		Medium
V=FKM (fluoroelastomer)	- 10°C	+140°C	Mineral oils (2°E),gasoline gas oil
E=EPDM (ethylene-propylene)	- 10°C	+140°C	Water



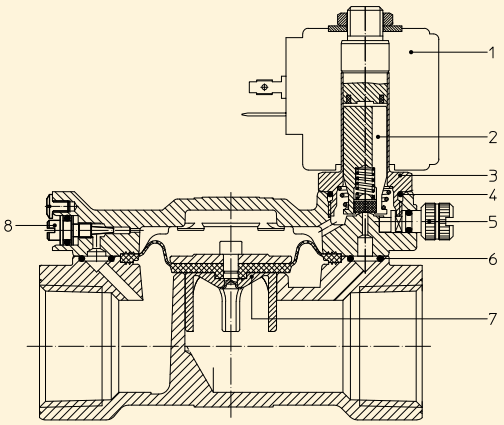
For seals other than FKM replace the letter "**V**" with the ones corresponding to the other seals. E.I. 21WN6K1***E***250-10T5.

Pipe ANSI/ASME BI.20.1	Code	Max viscosity		Ø	Kv	Power	Pressure		
							min	M.O.P.D.	
		cSt	°E	mm	l/mn	watt	bar	AC bar	DC bar
1 NPT	21WN6K1*V*250-10T5	12	~ 2	25	190	8	0,2	16	16

ORIGINE E QUALITÀ CONTROLLATA

NSF
Certified to NSF/ANSI 61-G

Note : Available on request and with minimum quantities.



MATERIALS:

Body	Low Lead Brass
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
Orifice	Low Lead Brass
On request:	
Connector	Pg 9 or Pg 11
Connector conformity	ISO 4400

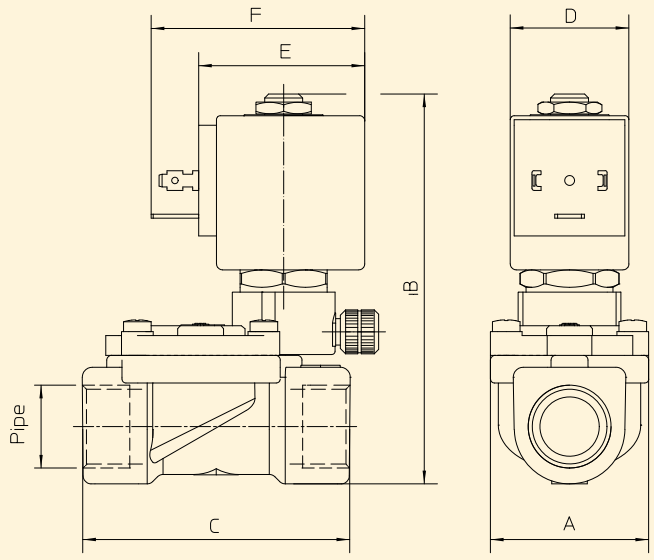
FEATURES:

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 plunger:**
   Code R450886/***VX1***
3. **Assieme cannotto:**
   Code R450*811*
4. **Gasket O-Ring:**
   Code R990000/***VX1***
5. **Manual operation:**
   Code R451772/***VX1/P***
6. **Gasket O-Ring:**
   Code R990002/***VX1***
7. **Complete diaphragm:**
   Code R453117/***VX1/P***
8. **Regulation screw:**
   Code R450728/***VX1/P***

DIMENSIONS:



Type	Pipe	A mm	B mm	C mm
21WN6K1***V***250-10T5	1 NPT	65	113	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