



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

21W3ZB190
÷
21W7ZB500

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 - BDS - BSA 155°C (class F)
BDP 160°C (high temperature)
BDF - BDV 180°C (class H)

MOULDING AND BOBBIN 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

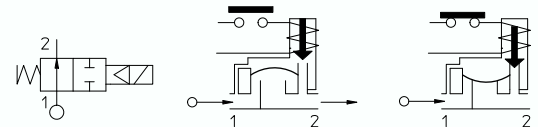
Environment temperature:

with coil class **F** or high temperature - 10°C + 60°C
with coil class **H** - 10°C + 80°C



Gaskets	Temperature		Medium
	- 10°C	+ 90°C	
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. 21W5ZE350.



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	21W3ZB190	12	~ 2	19	140	0,2	16	16	
G 1	21W4ZB250			25	190				
G 1 1/4	21W5ZB350			35	400				
G 1 1/2	21W6ZB400			40	520				
G 2	21W7ZB500			50	750				10



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

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: 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:

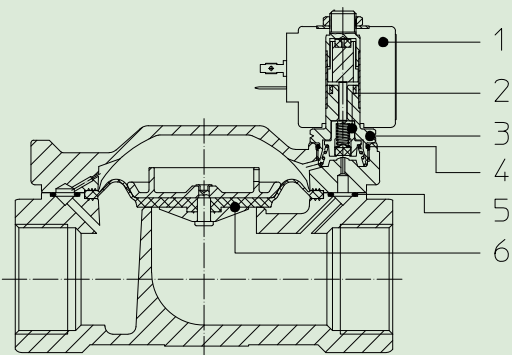
- | | |
|--|---|
| 1. Coil:
See coils list | 6. Complete diaphragm:
G 3/4-G 1 Code R450431/B
G 1 1/4-G 1 1/2 Code R450466/B
G 2 Code R450432/B |
| 2. Complete diaphragm support:
Code R450788/B | |
| 3. Complete armature tube without gasket:
Code R450573 | |
| 4. Gasket O-Ring:
Code R990000/B | |
| 5. 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 | |

KIT:

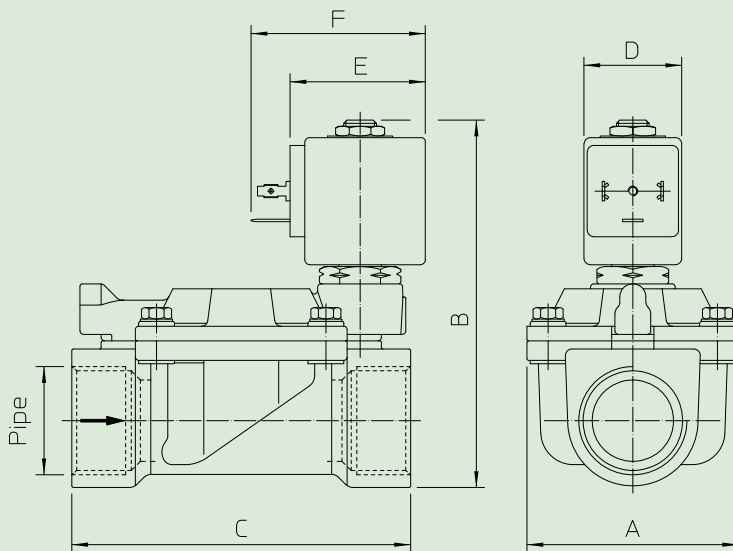
KT130ZB30-F=2+3+4

MAINTENANCE KIT:

G 3/4 - G 1
 KTG0W3ZB19=2+5+6
 G 1 1/4 - G 1 1/2
 KTG0W5ZB35=2+5+6
 G 2
 KTG0W7ZB50=2+5+6



DIMENSIONS:



Type	Pipe ISO 228/1	A mm	B mm	C mm
21W3ZB190	G 3/4	65	105	104
21W4ZB250	G 1		112	
21W5ZB350	G 1 1/4	98	125	144
21W6ZB400	G 1 1/2			
21W7ZB500	G 2	118	141	172

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