



**Solenoid valve for hot water steam 140 degrees petrol
agricultural aviation fuel lubricating oil
Normally closed, indirect action, Brass
FKM = Viton**

21W3KV190

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21W7KV500

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-HYDRAULICS-IRRIGATION-
FOUNTAINS-CAR WASH-FIRE-COMPRESSED AIR-HOME
AUTOMATION-REFRIGERATION-AGRICULTURE-INDUSTRY-
NAUTICAL-HEAT EXCHANGE

PIPES: G 3/4 - G 2

COILS: 8W - Ø 13
BDA -BDS - BSA 155°C (class F)
BDP 160°C (high temperature)
BDF 180°C (class H)
SDH 180°C (class H)

MOULDING AND BOBBIN ARE MADE BY 100% VIRGIN MATERIAL.

Max. allowable pressure (PS)

G 3/4 - G 1 25 bar

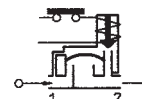
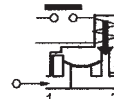
G 1 1/4 - G 2 16 bar

Environment temperature:

with class **F** or high temperature coils - 10°C + 60°C

with class **H** coil - 10°C + 80°C

Gaskets	Temperature		Medium
V=FKM (fluoroelastomer)	- 10°C	+140°C	mineral oils (2°E), gasoline gas oil



Pipe ISO 228/1	Code	Max viscosity		Ø mm	Kv (l/mn)	Power (watt)	Pressure		
		cSt	°E				min bar	M.O.P.D.	
G 3/4	21W3KV190	12	~ 2	19	140	8	0,2	16	16
G 1	21W4KV250			25	190			10	10
G 1 1/4	21W5KV350			35	400				
G 1 1/2	21W6KV400			40	520				
G 2	21W7KV500			50	750				

IDROENERGIAITALIA

Master distributor ODE

Sede Legale

Registered Office

00195 Roma (RM) Via Carlo Mirabello, 14

Ufficio Commerciale e sede logistica

Commercial and Logistic Office

73100 Lecce (LE) - Via Parini, 48

Tel: +39 0832090005

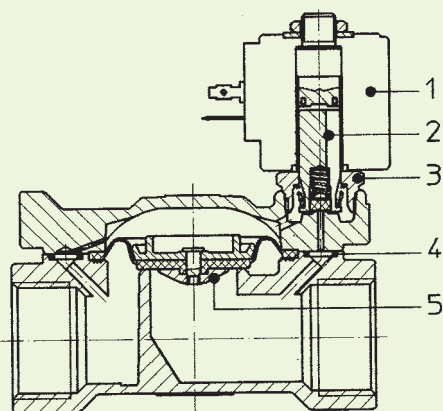
info@idroenergiaitalia.com



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: 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:

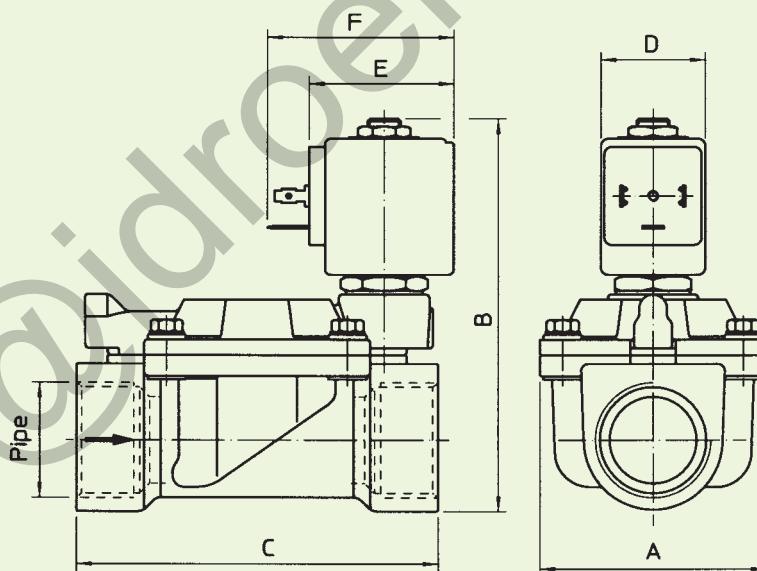
- Coil:**
See coils list
- Complete plunger:** Code R450886/V
- Complete armature tube:** Code R450606
- Gasket O-Ring:**
 - G 3/4-G 1 Code R990002/V
 - G 1 1/4-G 1 1/2 Code R990005/V
 - G 2 Code R990081/V
- Complete diaphragm:**
 - G 3/4-G 1 Code R450431/V
 - G 1 1/4-G 1 1/2 Code R450466/V
 - G 2 Code R450432/V

KIT:

KT130KV30-A=2+3

MAINTENANCE KIT:

DIMENSIONS:



Type	Pipe ISO 228/1	A mm	B mm	C mm
21W3KV190	G 3/4	65	105	104
21W4KV250	G 1		112	
21W5KV350	G 1 1/4	98	125	144
21W6KV400	G 1 1/2		141	
21W7KV500	G 2	118	141	172

COIL	POWER ABSORPTION		TYPE	DIMENSIONS		
W ---	Inrush VA ~	Hold VA ~		D mm	E mm	F mm
8 W	25	14,5	B	30	42	54
			S	32		