Solenoid valve 2/2 way N.C.
Direct acting

21A1K*R*10 ÷ 21A1K*R*30

:PRESENTATION:

Direct acting S.V. for interception of fluids compatible with the construction material.
Minimum operational pressure is not required.
The materials used and the tests carried out ensure maximum reliability and duration.

USE: Hot water, Heating
Steam (180°C)

PIPES: subplate mounting

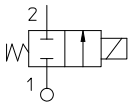
COILS: 8W - Ø 13

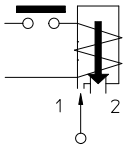
BDA - BSA	155°C	(class F)
BDV	180°C	(class H)

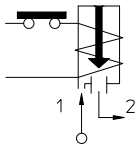
COIL HOUSING AND COIL FORMER MATERIAL ARE MADE BY 100% VIRGIN MATERIAL.

Max. allowable pressure (PS) 40 bar
Ambient temperature:
See coils catalogue page for its compatibility.

Gaskets	Temperature		Medium
R=RUBY	- 40°C	+ 180°C	Steam, water, mineral oils (2°E), gas oil, fuel oils (7°E)

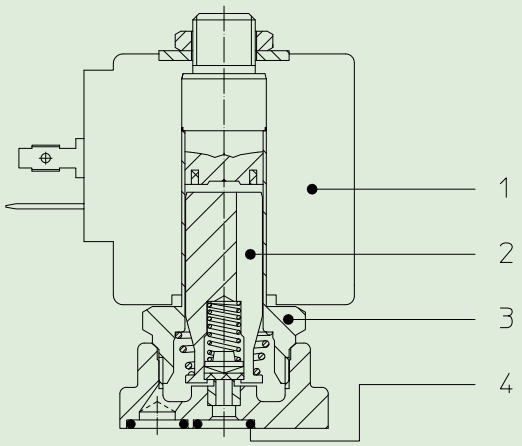






Pipe	Code	Max viscosity		Ø	Kv	Power	Pressure		
							min	M.O.P.D.	
		cSt	°E	mm	l/mn	watt	bar	AC bar	DC bar
SUBPLATE MOUNTING	21A1K**R**10	12	~ 2	1	0,45	8	0	40	23
	21A1K**R**15			1,5	1,4			30	15
	21A1K**R**20	37	~ 5	2	2			25	9
	21A1K**R**25	53	~ 7	2,5	3,2			14	5
	21A1K**R**30			3	4			10	4

Note
The use of rigid sealings usually implies a slight leakage, limited within 2scc/min at the pressure of 1 bar..



MATERIALS:

Body	Brass - UNI EN 12165 CW617N
Armature tube	Stainless steel series 300
Fixed core	Stainless steel series 400
Plunger	Stainless steel series 300
Phase displacement ring	Copper - Cu 99,9%
Spring	Stainless steel series 300
Seal	R=RUBY
Orifice: Inserted slot	Stainless steel series 300

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.

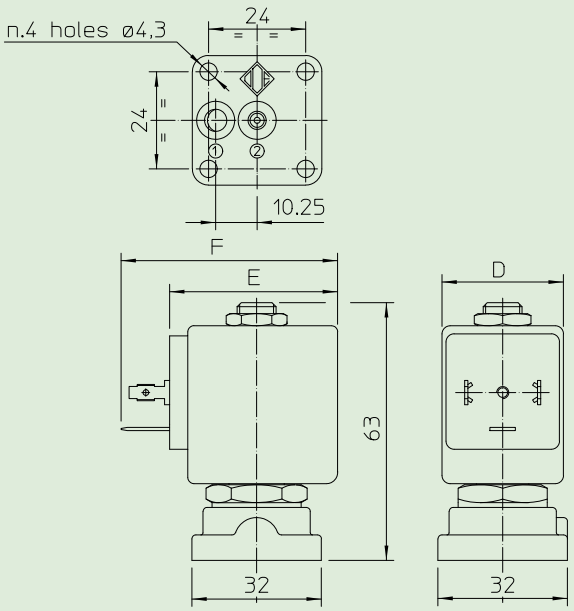
SPARE PARTS:

1. **Coil:**
   See coils list
2. **Complete plunger:**
   Code R450820/***R***
3. **Complete armature tube:**
   Code R450606
4. **Gasket O-Ring:**
   Code R990002/**S**

KIT:

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

DIMENSIONS:



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