



# Solenoid valve 3/2 way N.C. Direct acting

31A1A5R15-AVG

## PRESENTATION:

Direct acting 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:** Hot water  
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:

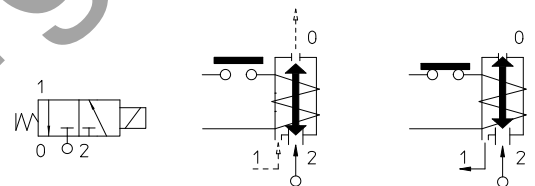
See coils catalogue page for its compatibility.

## Note

\* 3rd way exhaust = Ø 2,5 mm

Available on request and with minimum quantities.

Gaskets	Temperature		Medium
R=RUBY	- 40°C	+ 180°C	Hot water, Steam



Pipe	Code	Max viscosity		Ø mm	Kv l/mn	Power watt	Pressure		
		cSt	°E				min bar	M.O.P.D. AC bar DC bar	
SUBPLATE MOUNTING	31A1A5R15-AVG	-	-	1,5*	1,4	8	0	15	15

## IDROENERGIAITALIA

Master distributor ODE

Sede Legale

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**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>	R=RUBY
<b>Orifice: Insert slot</b>	Stainless steel AISI series 300

**On request:**

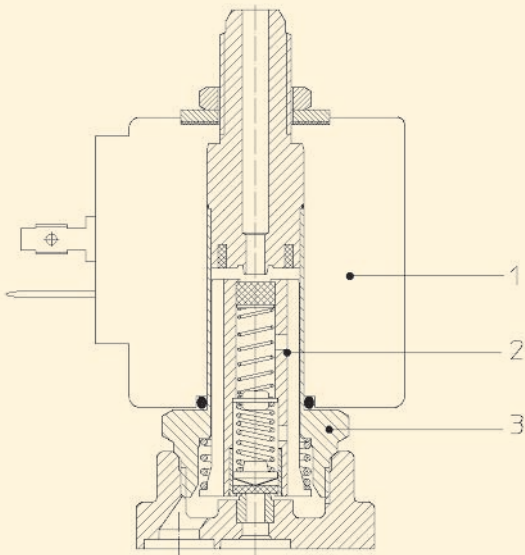
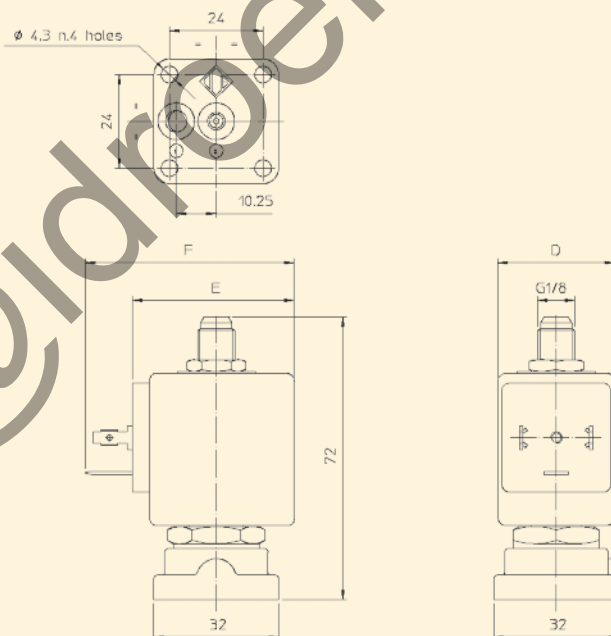
<b>Connector</b>	Pg 9 or Pg 11
<b>Connector conformity</b>	ISO 4400

**SPARE PARTS:**

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

**SPARE PARTS:**

- 1. Coil:**  
See coils list  
**KIT**  
KT130AR30-B=2+3
- 2. Complete plunger:**  
Code R451100/RV
- 3. Complete armature tube:**  
Code R450944

**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