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

**31A1A*R*10 ÷ 31A1A*R*25**

## 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

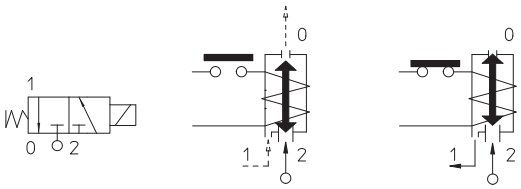
**COILS:** 8W - Ø 13

| | | |
|---|---|---|
| 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.

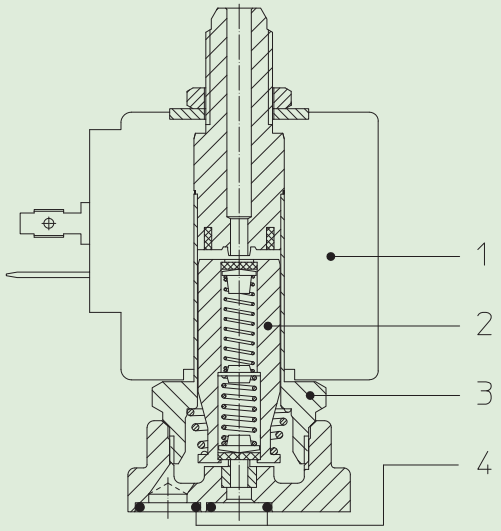
| Gaskets | Temperature | | Medium |
|---|---|---|---|
| **R**=RUBY | - 40°C | + 180°C | Hot water, Steam |




| 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 | 31A1A**R**10 | - | - | 1* | 0,45 | 8 | 0 | 20 | 20 |
| | 31A1A**R**15 | | | 1,5* | 1,4 | | | 15 | 15 |
| | 31A1A**R**20 | | | 2* | 2 | | | 10 | 10 |
| | 31A1A**R**25 | | | 2,5* | 3,2 | | | 6 | 6 |

**Note**
* 3rd way exhaust= Ø 2,5 mm
Also available with brass body without lead.
The use of rigid sealings usually implies a slight leakage, limited within 2scc/min at the pressure of 1 bar.

The “ODE ” reserves the right to carry out technical and aesthetic modifications without prior notice.




## 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** | R=RUBY |
| **Orifice: Insert slot** | Stainless steel AISI 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. |

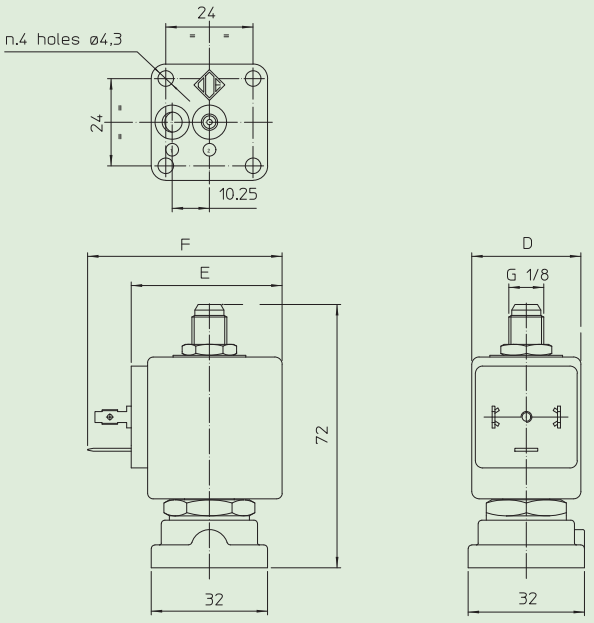
## SPARE PARTS:

1. **Bobina:**
   Vedi elenco bobine
2. **Assieme nucleo mobile:**
   Cod. R450873
3. **Assieme cannotto:**
   Cod. R450944/AL
4. **Guarnizione O-Ring**
   Cod. R990002/**S**

## KIT:

KT130A***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 |