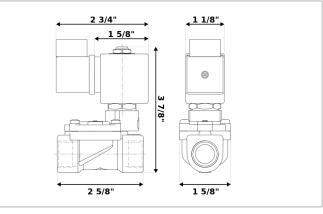


**Technical Specifications** 

## DKSV244

Normally closed, pilot operated, 2-way solenoid valve with low lead brass body and 1/2" connections





| Valve                |                                       |  |  |
|----------------------|---------------------------------------|--|--|
| Pipe size:           | 1/2" NPT                              |  |  |
| Operating pressure:  | 3–230 psi                             |  |  |
| Flow coefficient:    | 4.9 Cv                                |  |  |
| Media temperature:   | 15–180 °F                             |  |  |
| Ambient temperature: | -5–140 °F                             |  |  |
| Suggested usage:     | Potable water                         |  |  |
| Operation:           | 2-way, normally closed solenoid valve |  |  |
| Mechanism:           | Pilot operated                        |  |  |
| Manual override:     | No                                    |  |  |
| Pipe gender:         | Female                                |  |  |
| Orifice size:        | 1/2"                                  |  |  |
| Design pressure:     | 360 psi                               |  |  |
| Media viscosity:     | 12 cSt                                |  |  |

| Materials     |                     |  |
|---------------|---------------------|--|
| Body:         | Low lead brass      |  |
| Seal:         | EPDM rubber (EPDM)  |  |
| Orifice:      | Low lead brass      |  |
| Core tube:    | Stainless steel 300 |  |
| Fixed core:   | Stainless steel 400 |  |
| Plunger:      | Stainless steel 400 |  |
| Spring:       | Stainless steel 300 |  |
| Shading ring: | Copper              |  |

| Electrical           |                     |  |
|----------------------|---------------------|--|
| Power:               | 120 V ac            |  |
| Connection:          | Conduit (1/2" NPT)  |  |
| Holding:             | 15 VA               |  |
| Inrush:              | 25 VA               |  |
| Voltage tolerances:  | +10% -15%           |  |
| Coil inner diameter: | 1/2"                |  |
| Coil molding:        | Polyethylene (PET)  |  |
| Coil rating:         | -5–355 °F (Class H) |  |
| Duty cycle:          | Continuous, 100% ED |  |
| Enclosure:           | NEMA 4, IP65        |  |

| Spare parts  |  |  |  |  |
|--|--|--|--|--|
| CORE TUBE  | REPAIR KIT   | COIL/CONNECTOR   |  |  |
| AT-N0E1  | RK-W0E1-02   | C-B11  |  |  |
|  | e e e e e e e e e e e e e e e e e e e                          | 6  |  |  |
| <ul><li>Core tube</li><li>Plunger</li><li>O-ring</li></ul> | <ul> <li>Diaphragm</li> <li>O-ring</li> <li>Plunger</li> </ul> | <ul> <li>120 V ac electrical coil</li> <li>1/2" conduit connector</li> </ul> |  |  |

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