



## ROTARY SLIDE VALVE

### Series DR2

Cat No DR2 - 01 - 01 - B

### ROTARY SLIDE VALVE - G1/4

#### Features

- ❑ Changing the handle from inlet port side to outlet port side is possible at customer end
- ❑ Nil overlap
- ❑ Exhaust port threaded type with silencer
- ❑ Easy handle movement and precise control of the direction
- ❑ Compact and lightweight design
- ❑ Both body mounting and Panel mounting is possible
- ❑ Good flow characteristics



#### Technical Specifications

|                                 |                                                                               |              |
|---------------------------------|-------------------------------------------------------------------------------|--------------|
| Ordering no.                    | <b>DR295S61</b>                                                               |              |
| Port size                       | G1/4                                                                          |              |
| Type                            | 4/3 - Hand Lever Operated (Mid-Position Blocked)                              |              |
| Medium                          | Compressed air - Filtered - Lubricated                                        |              |
| Maximum working pressure        | bar                                                                           | 10           |
| Recommended oil for lubrication | ISO VG32 (Servo system 32)                                                    |              |
| Operating Angle                 | 45° (Refer Fig.1&2)                                                           |              |
| Ambient temperature             | C                                                                             | -10° to +60° |
| Medium temperature              | C                                                                             | +5° to +50°  |
| Flow @ ( 1→2, 1→4 )             | lts/min                                                                       | 650          |
| Materials of construction       | Aluminium, Steel, Stainless Steel, Nitrile Rubber, Brass, Ceramic, Polyacetal |              |
| Weight                          | Kg                                                                            | 0.35         |

@ - Inlet pressure 6 bar, and pressure drop 1 bar

| Handle operation angle and air flow direction                                                    |                                                                                                   | Panel cut dimension               |
|--------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|-----------------------------------|
| <p>(Handle position inlet port side)</p> <p>1 - Inlet<br/>2, 4 - Outlet</p> <p><b>FIG. 1</b></p> | <p>(Handle position outlet port side)</p> <p>1 - Inlet<br/>2, 4 - Outlet</p> <p><b>FIG. 2</b></p> | <p>Panel thickness = 3 to 4mm</p> |

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| (Handle position inlet port side)                        | (Handle position outlet port side)                 |
|----------------------------------------------------------|----------------------------------------------------|
| <p># Screw tightening torque: 2.5 to 3 Nm for M5x0.8</p> | <p>1 - Inlet<br/>2, 4 - Outlet<br/>3 - Exhaust</p> |

## Caution

**Operation method** : The valve must be switched to each position correctly. Stopping the handle midway between the extreme positions may cause malfunction

**Switch only by hand** : Switching the valve by using hammer or other tools or driving it mechanically through the cylinder could cause damage

## Ordering Example:

The ordering no. for 4/3 Rotary slide valve 1/4" **DR295S61**

Subject to change