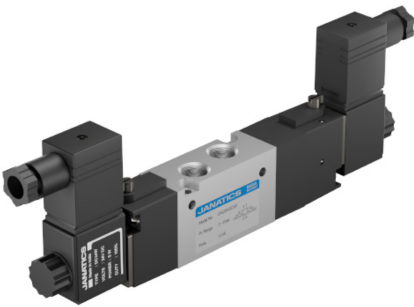


Data Sheet

Directional Control Valve - Compact Valves

DS267SC63-W

DS2-5/3-Double Solenoid Operated - Spring Centered - Blocked Type - DS2-5/3-Double Solenoid Operated - Spring Centered - Blocked Type



Technical Specification

|                                          |                                                                                                                                                                                                |
|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description                      | Double Solenoid Pilot Operated Valve (Blocked) - G1/2, 5/3 Spring Centered - Blocked, 24V DC                                                                                                   |
| Large Description                        | <ul style="list-style-type: none"><li>• DS267SC63-W</li><li>• Double Solenoid Pilot Operated Valve (Blocked) - G1/2, 5/3 Spring Centered - Blocked, 24V DC</li><li>• Standard Socket</li></ul> |
| HSN Code                                 | 84818030                                                                                                                                                                                       |
| Design Type                              | DS2-Spool Type                                                                                                                                                                                 |
| Valve Type                               | Blocked                                                                                                                                                                                        |
| Number of Port and Positions             | 5/3 Spring Centered - Blocked                                                                                                                                                                  |
| Mode of Actuation                        | Solenoid                                                                                                                                                                                       |
| Mode of Reset                            | Spring Centered                                                                                                                                                                                |
| Flowrate in LPM (Inlet to outlet port)   | 3500                                                                                                                                                                                           |
| Flowrate in LPM (outlet to exhaust port) | 3500                                                                                                                                                                                           |
| Flowrate in CFM (Inlet to outlet port)   | 123.6                                                                                                                                                                                          |
| Flowrate in CFM (outlet to exhaust port) | 123.6                                                                                                                                                                                          |
| Valve Condition (only for 5/3)           | Centre Blocked                                                                                                                                                                                 |
| Thread Type                              | BSP(G)                                                                                                                                                                                         |

|                                  |                                                 |
|----------------------------------|-------------------------------------------------|
| Port Size                        | G1/2                                            |
| Outlet Port (2)                  | G 1/2                                           |
| Outlet Port (4)                  | G 1/2                                           |
| Exhaust (3)                      | G 1/2                                           |
| Exhaust (5)                      | G 1/2                                           |
| Manual Override                  | Push and Turn to Lock                           |
| Operating Medium                 | Compressed Air Dry, Filtered, Lubricated        |
| Operating Pressure Range {bar}   | 2 to 10                                         |
| Operating Pressure Range (psi)   | 29 to 145                                       |
| Operating Pressure Range (MPa)   | 0.2 to 1                                        |
| Coil Voltage Type                | DC                                              |
| Voltage Rating {+/-10%}          | 24V                                             |
| Power Consumption                | 5W                                              |
| Class of Insulation              | Class F                                         |
| Coil Width                       | 22 MM                                           |
| Coil Type                        | Standard Socket                                 |
| Socket Type                      | Standard Socket                                 |
| Coil Connection Type             | PG9 (cable OD 6 - 8 mm)                         |
| Duty Cycle                       | Continuous                                      |
| Type of Coil Protection          | IP 65                                           |
| Catalogue Dim L (mm)             | 314                                             |
| Catalogue Dim B (mm)             | 34                                              |
| Catalogue Dim H (mm)             | 82                                              |
| Product Weight [kilograms]       | 0.94                                            |
| Product Weight [pounds]          | 2.08                                            |
| Package size L x B x H (mm)      | Nil                                             |
| Gross Product Weight [kilograms] | Nil                                             |
| Gross Product Weight [pounds]    | Nil                                             |
| Seal Kit Part Number             | SK4053                                          |
| Actuator Assembly                | SC3001                                          |
| Coil (without Connector)         | DC24W                                           |
| Modular solenoid valve           | E44001W                                         |
| Connectors                       | R1/2 x Dia 10-OD tubing R1/2 x Dia 12-OD tubing |
| Tubes                            | Dia 10 & Dia 12                                 |
| Flare Connectors                 | R1/2 x Dia 10-OD tubing R1/2 x Dia 12-OD tubing |

|                                   |                                                                                                                                                                                                                                                                             |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Flow Control Valves               | R1/2 x Dia 10-OD tubing R1/2 x Dia 12-OD tubing                                                                                                                                                                                                                             |
| Product Group                     | Directional Control Valve                                                                                                                                                                                                                                                   |
| Ambient Temperature °C            | -10 °C to +60 °C                                                                                                                                                                                                                                                            |
| Ambient Temperature °F            | 14 °F to 140 °F                                                                                                                                                                                                                                                             |
| Medium Temperature °C             | 5 °C to 50 °C                                                                                                                                                                                                                                                               |
| Medium Temperature °F             | 41 °F to 122 °F                                                                                                                                                                                                                                                             |
| Materials of Construction         | Aluminium, Nitrile, Brass, Acetal, PBT, Zinc, Stainless Steel, Polyamide, Viton                                                                                                                                                                                             |
| Mounting Type                     | Individual, Manifold Mountable                                                                                                                                                                                                                                              |
| Features                          | <ul style="list-style-type: none"> <li>• Suitable for manifold mounting</li> <li>• Mounting provision for individual unit</li> <li>• Compact size</li> <li>• Manual override</li> <li>• Wide range of manifolds available</li> <li>• Wide range of coil voltages</li> </ul> |
| Note                              | At Inlet Pressure 6 bar (87 psi, 0.6 Mpa), and pressure drop $\Delta p = 1$ bar (145 psi, 0.1 Mpa)                                                                                                                                                                          |
| Unit of Measurement               | No's                                                                                                                                                                                                                                                                        |
| Minimum Order Quantity            | 1                                                                                                                                                                                                                                                                           |
| Is this part Made to Order?       | Yes                                                                                                                                                                                                                                                                         |
| Inner Package Quantity            | 1                                                                                                                                                                                                                                                                           |
| Manufacturer Name                 | Janatics India Pvt.Ltd                                                                                                                                                                                                                                                      |
| Brand Name                        | Janatics                                                                                                                                                                                                                                                                    |
| Countries of Origin               | India                                                                                                                                                                                                                                                                       |
| Temperature Storage Range Low °C  | -10 °C                                                                                                                                                                                                                                                                      |
| Temperature Storage Range Low °F  | 14 °F                                                                                                                                                                                                                                                                       |
| Temperature Storage Range High °C | 60 °C                                                                                                                                                                                                                                                                       |
| Temperature Storage Range High °F | 140 °F                                                                                                                                                                                                                                                                      |
| ATEX                              | Nil                                                                                                                                                                                                                                                                         |
| REACH                             | Nil                                                                                                                                                                                                                                                                         |
| ROHS                              | Nil                                                                                                                                                                                                                                                                         |