

Data Sheet

Directional Control Valve - Compact Valves

DS244SR60-W

DS2-3/2 Single Solenoid Operated With
Spring Return - DS2-3/2 Single Solenoid
Operated With Spring Return



Technical Specification

Product Description	Single Solenoid Pilot Operated Valve with Spring Return - G1/8, 3/2 Normally Closed, 24V DC
Large Description	• DS244SR60-W • Single Solenoid Pilot Operated Valve with Spring Return - G1/8, 3/2 Normally Closed, 24V DC • Standard Socket
HSN Code	84818050
Design Type	DS2-Spool Type
Number of Port and Positions	3/2 Normally Closed
Mode of Actuation	Solenoid
Mode of Reset	Spring
Flowrate in LPM(Inlet to Outlet Port)	450
Flowrate in CFM(Inlet to Outlet Port)	15.9
Thread Type	BSP(G)
Port Size	G1/8
Outlet Port (2)	G1/8
Outlet Port (4)	Not Applicable
Exhaust (3)	G1/8
Manual Override	Push and Turn to Lock

Operating Medium	Compressed Air Dry, Filtered, Lubricated
Operating Pressure Range {bar}	2 to 8
Operating Pressure Range (psi)	29 to 116
Operating Pressure Range (MPa)	0.2 to 0.8
Mounting Type	Individual, Manifold Mountable
Coil Voltage Type	DC
Voltage Rating {+/-10%}	24V
Power Consumption	2.5W
Coil Width	17 MM
Coil Type	Standard
Socket Type	Standard Socket
Coil Connection Type	PG7 (Cable OD 4 - 6 mm)
Catalogue Dim L (mm)	106
Catalogue Dim B (mm)	18
Catalogue Dim H (mm)	57
Product Weight [kilograms]	0.12
Product Weight [pounds]	0.26
Package size L x B x H (mm)	Packing box Lockable 150x75x30 (Multi colour printed)
Gross Product Weight [kilograms]	Nil
Gross Product Weight [pounds]	Nil
Seal Kit Part Number	SK4062
Actuator Assembly	SC3002
Coil (without Connector)	DC36W
Modular Solenoid Valve	Nil
Connectors	• R1/8 x Dia 6-OD Tubing • R1/8 x Dia 8-OD Tubing
Tubes	Dia 6 & Dia 8
Flow Control Valves	• R1/8 x Dia 6-OD Tubing • R1/8 x Dia 8-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

Material of construction	Aluminium, Nitrile, Brass, Acetal, PBT, Zinc, SS, Polyamide, Viton
Features	• Suitable for manifold mounting • Mounting position for individual unit • Compact size • Manual override • Wide range of manifolds available • Wide range of coil voltages
Note	At Inlet Pressure 6 bar (87 psi, 0.6 Mpa), and pressure drop $\Delta p = 1$ bar (145 psi, 0.1 Mpa)
Class of Insulation	Class F
Duty Cycle	Continuous
Type of Coil Protection	IP 65
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