

Data Sheet

Directional Control Valve - Compact Valves

DS345SR61-W

DS3-NAMUR Standard - 3/2 Single Solenoid
Operated With Spring Return - DS3-NAMUR
Standard - 3/2 Single Solenoid Operated With
Spring Return



Technical Specification

Product Description	Single Solenoid Pilot Operated valve with Spring Return - G1/4, 3/2 Normally Closed, 24V DC
Large Description	• DS345SR61-W • Single Solenoid Pilot Operated valve with Spring Return - G1/4, 3/2 Normally Closed, 24V DC • Standard Socket
HSN Code	84818050
Design Type	DS3-Spool Type - Namur Hole Pattern
Valve Type	Normally Closed
Number of Port and Positions	3/2 Normally Closed
Mode of Actuation	Solenoid
Mode of Reset	Spring
Flowrate in LPM @ (Inlet to outlet port)	1400
Flowrate in LPM @ (outlet to exhaust port)	1400
Flowrate in CFM (Inlet to outlet port)	49.44
Flowrate in CFM (outlet to exhaust port)	49.44
Thread Type	BSP(G)

Port Size	G1/4
Outlet Port (2)	Namur Hole
Outlet Port (4)	Not Applicable
Exhaust (3)	G1/4
Exhaust (5)	Not Applicable
Adapter plate with oring	Applicable
Manual Override	Push and Turn to Lock
Operating Medium	Compressed Air - Filtered, Lubricated
Operating Pressure Range {bar}	2 to 10
Operating Pressure Range (psi)	29 to 145
Operating Pressure Range (MPa)	0.2 to 1
Mounting Type	2 holes in Housing to NAMUR standard with combination head screw (M5X30) – 2nos., O Ring (ø 16X ø 2) – 2nos.
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)
Type of Coil Protection	IP 65
Catalogue Dim L (mm)	150
Catalogue Dim B (mm)	32
Catalogue Dim H (mm)	75
Product Weight [kilograms]	0.39
Product Weight [pounds]	0.87
Package size L x B x H (mm)	Nil
Gross Product Weight [kilograms]	Nil
Gross Product Weight [pounds]	Nil
Seal Kit Part Number	Nil
Coil (without socket)	DC24W

Connectors	• R1/4 x Dia 6-OD Tubing • R1/4 x Dia 8-OD Tubing • R1/4 x Dia 10-OD Tubing
Tubes	Dia 6, Dia 8 & Dia 10
Flow Control Valves	• R1/4 x Dia 6-OD Tubing • R1/4 x Dia 8-OD Tubing • R1/4 x Dia 10-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, Steel, Stainless Steel, Acetal, PBT, Zinc
Duty Cycle	Continuous
Features	• Suitable for 'NAMUR' standard fitments • Compact size • Manual override • 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)
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

