

Data Sheet

Directional Control Valve - Solenoid Valve - EF Series

EF14615W

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



Technical Specification

Product Description	Solenoid Poppet Valve - G1/4, 3/2 Normally Closed, 24V DC
Large Description	• EF14615W • Solenoid Poppet Valve - G1/4, 3/2 Normally Closed, 24V DC • Standard Socket
HSN Code	84818050
Number of Port and Positions	3/2 Normally Closed
Design Type	Poppet Type Piston Operated
Manual Override	Push, Turn to Lock
Operating Medium	Compressed Air - Filtered - Lubricated / Unlubricated
Mounting Type	Stand Alone / Manifold
Mode of Actuation	Solenoid
Mode of Reset	Spring
Orifice (NW)	6
Flowrate in LPM (Inlet to Outlet Port)	1000
Flowrate in LPM (Outlet to Exhaust Port)	1000
Flowrate in CFM (Inlet to Outlet Port)	35.31
Flowrate in CFM (Outlet to Exhaust Port)	35.31
Response Time (ON) in mili second	14 ms

Response Time (OFF) in mili second	40 ms
Thread Type	BSP(G)
Port Size	G1/4
Outlet Port Size 2	G1/4
Outlet Port Size 4	Not Applicable
Exhaust Port Size 3	G1/4
Exhaust Port Size 5	Not Applicable
Operating Pressure Range {bar}	1.5 to 10
Operating Pressure Range (psi)	21.75 to 145
Operating Pressure Range (MPa)	0.15 to 1
Coil Voltage Type	DC
Voltage Rating {+/-10%}	24V
Power Consumption	5W
Socket Type	Standard Socket
Catalogue Dim L (mm)	74.5
Catalogue Dim B (mm)	31
Catalogue Dim H (mm)	138.5
Product Weight [kilograms]	0.39
Product Weight [pounds]	0.85
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	SK3032
Coil (without connector)	DC24W
Product Group	Directional Control Valve
Mounting Position	Any
Materials of Construction	Aluminium, Nitrile, PU, Brass, Acetal, PBT, Zinc, Steel
Class of Insulation	Class F
Coil Width	22 MM
Coil Connection Type	PG9 (cable OD 6-8 mm)
Duty Cycle	Continuous
Type of Coil Protection	IP 65
Recommended oil	ISO VG32 (Servo system 32)

Medium Temperature °C	5 °C to 50 °C
Medium Temperature °F	41 °F to 122 °F
Ambient Temperature °C	-10 °C to +60 °C
Ambient Temperature °F	14 °F to 140 °F
Features	• 3/2 NO & NC, 5/2 Spring return and 5/2 Double solenoid • No lubrication required • Suitable for dirty/ dusty environment • Mounting provision for individual unit • Manual override- (Push, Turn and Lock) • Wide range of coil voltages- 12, 24, 48, 110, 220 • Suitable for manifold mounting (M006, M007, M008 Series) • Solenoid coil can be rotated by 360°
Note	Inlet pressure 6 bar (87 psi, 0.6 Mpa), and pressure drop 1 bar (145 psi, 0.1 Mpa)
Connectors	• R1/4 x Dia 6-OD Tubing • R1/4 x Dia 8-OD Tubing • R1/4 x Dia 10-OD Tubing
Flow control Valves	• 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
Unit of Measurement	No's
Minimum Order Quantity	1
Is this part MadetoOrder?	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
REACH	Nil
ROHS	Nil

