

2/2 way pilot operated solenoid valve, G 1/4" – G 1"

Common features

Media: water, air, oil
 Ambient temperature: -10 to +50 °C
 Media temperature: see table
 Maximum viscosity: Max. 21cST (3 °E)
 Body material: brass (CW617N EN 12165)
 Shading ring: copper
 Operator material: stainless steel
 Seal material: see table
 Protection class: IP 65 (EN 60529) with connector and gasket fitted*

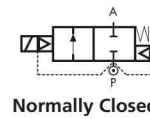
Options

Electroless nickel plating treatment (e.g. code RSV01BG20A0WBK00)
 Silver shading ring (e.g. code RSV01BG20A0WBA00)
 NPT connection on request, minimum batch may be required (e.g. code RSV01BN20A0WB00)
 Stainless steel body (e.g. code RSV01BG20A0WBA00)

Notes

*Plug and gasket not supplied as standard, must be ordered separately
 (e.g. code RSV01BG20A0WB00 7700A)

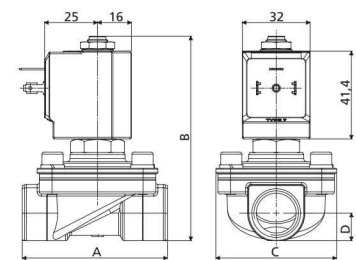
TYPE: RSV01 NC



Normally Closed



Dimensions & weights		RSV01				
G connection	[ISO 228]	1/4"	3/8"	1/2"	3/4"	1"
A	[mm]	68.5	68.5	68.5	81.5	81.5
B	[mm]	96.5	96.5	96.5	110.5	10.5
C	[mm]	57	57	57	57	57
D	[mm]	13	13	13	20	20
weight	[kg]	0.5	0.5	0.5	0.8	0.7



Flow direction overseat 1 → 2

Valve	Seal material	Nominal Ø	Flow rate Kvs	OPD			Coils	
				min.	max. AC	max. DC	code	[Volts/Hz]
code		[mm]	[l/min]	[barg]	[barg]	[barg]		
RSV01BG20A0WB- RSV01BG20A0WV- RSV01BG20A0WE-	NBR FKM EPDM	16	1.5	0	16	-	0007	w/o coil
RSV01CG20A0WB- RSV01CG20A0WV- RSV01CG20A0WE-	NBR FKM EPDM		3.3				7700	230 V / 50 Hz 240 V / 60 Hz
RSV01DG20A0WB- RSV01DG20A0WV- RSV01DG20A0WE-	NBR FKM EPDM		4.2				7200	24 V 50 / 60 Hz
RSV01EG20A0XB- RSV01EG20A0XV- RSV01EG20A0XE-	NBR FKM EPDM	20	5.4	0	-	-	7400	110 V / 50 Hz 120 V / 60 Hz
RSV01FG20A0XB- RSV01FG20A0XV- RSV01FG20A0XE-	NBR FKM EPDM		7.4				7100	12 V / 50 / 60 Hz
RSV01BG20C0WB- RSV01BG20C0WV- RSV01BG20C0WE-	NBR FKM EPDM		1.5	0	-	12 ¹	7600	200 V / 50 Hz 220 V / 60 Hz
RSV01CG20C0WB- RSV01CG20C0WV- RSV01CG20C0WE-	NBR FKM EPDM	16	3.3				7300	48 V 50 / 60 Hz
RSV01DG20C0WB- RSV01DG20C0WV- RSV01DG20C0WE-	NBR FKM EPDM		4.2				7250	24 VDC
RSV01EG20C0XB- RSV01EG20C0XV- RSV01EG20C0XE-	NBR FKM EPDM	20	5.4	0	-	9 ¹	7150	12 VDC
RSV01FG20C0XB- RSV01FG20C0XV- RSV01FG20C0XE-	NBR FKM EPDM		7.4				Class H, High Power	
							72Z1	24 VDC

¹ 0-14 bar with 72Z1 coil (22W)

RSV01 - NBR seal, NC -

Media temperature: -10 to +90 °C
 Coil power:
 AC 18 VA (holding)
 AC 36 VA (inrush)
 DC 14 W
 DC 22 W (high power)

Options

FKM seal: media temperature max. 130 °C
 EPDM seal: media temperature max. 120 °C
 WRAS EPDM seal: media temperature -10 to +85 °C
 WRAS approval for brass valves only, special construction, (e.g. code RSV01DG20A0WY00W 77000)

Product coding example:

RSV01 C G 20 A 0 W B 0 K 0 7700 0 = 3/8" BSP G, 2/2, AC NC, brass body, 16 mm orifice, NBR seals, nickel plating, DIN coil, 230 V 50 Hz, without plug.

2/2 way pilot operated solenoid valve, G 1/4" – G 1"

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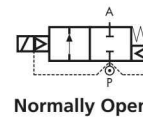
Options

Silver shading ring (e.g. code RSV01BG20R0WBA00)
 NPT connection on request, minimum batch may be required (e.g. code RSV01BN20R0WB00)
 Stainless steel body (e.g. code RSV01BG20R5WBA00)

Notes

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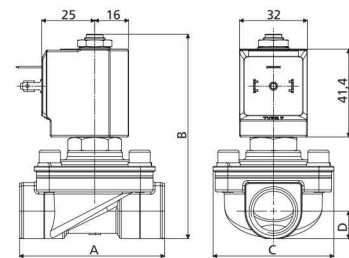
TYPE: RSV01 NO



Normally Open



Dimensions & weights		RSV01				
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A	[mm]	68.5	68.5	68.5	81.5	81.5
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Flow direction overseat 1 → 2

Valve	Seal material	Nominal Ø	Flow rate Kvs	OPD		Coils	
				min.	max.		
code		[mm]	[l/min]	[barg]	[barg]	code	[Volts/Hz]
RSV01BG20R0WB- RSV01BG20R0WV- RSV01BG20R0WE-	NBR FKM EPDM	16	1.5	0	16	0007	w/o coil
						7700	230 V 50 Hz - 240 V 60 Hz
						7200	24 V 50 / 60 Hz
		16	3.3			7400	110 V 50 Hz - 120 V 60 Hz
						7100	12 V / 50 / 60 Hz
						7600	200 V 50 Hz - 220 V 60 Hz
		16	4.2			7300	48 V 50 / 60 Hz
						7250	24 VDC
						7150	12 VDC
RSV01CG20R0WB- RSV01CG20R0WV- RSV01CG20R0WE-	NBR FKM EPDM	20		0	16	Class H Coil options / Voltage / Power	
						7701	230 V 50 Hz - 240 V 60 Hz
						7201	24 V 50 / 60 Hz
		20	5.4			7401	110 V 50 Hz - 120 V 60 Hz
						7601	200 V 50 Hz - 220 V 60 Hz
						7251	24 VDC
		20	7.4			7151	12 VDC
						7451	110 VDC
						7101	12V 50 / 60 Hz
RSV01EG20R0XB- RSV01EG20R0XV- RSV01EG20R0XE-	NBR FKM EPDM	20		0	16	7301	48V 50 / 60 Hz
RSV01FG20R0XB- RSV01FG20R0XV- RSV01FG20R0XE-	NBR FKM EPDM	20		0	16		

RSV01 - NBR seal, NO -

Media temperature: -10 to +90 °C
 Coil power: AC 18 VA (holding)
 AC 36 VA (inrush)
 DC 14 W

Options

FKM seal: media temperature max. 130 °C
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