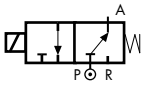
3/2 way direct acting solenoid valve, G 1/8"

Common features
Media[1]: water, oil, air
Media temperature: -10 to +130 °C
Ambient temperature: -10 to +50 °C
Body material: brass (CW719R EN 12165) low lead content
Orifice material: stainless steel (1.4305 EN 10088/AISI 303)
Operator material: stainless steel
Seal material: foodgrade FKM
Protection class: IP 65 (with connector and gasket)

Options
EPDM seal, temperature max. 120 °C (e.g. code RB397CEC)
Electroless nickel plating treatment (e.g. code B397CVCK)

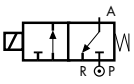
Notes
[1] Valve suitable for contact with food media as per the EEC Directives and Regulations.
For more specific information, please contact M&M Instruments Sales Department.

TYPE: SB397



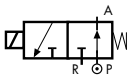
Normally Open

TYPE: B297



Normally Closed

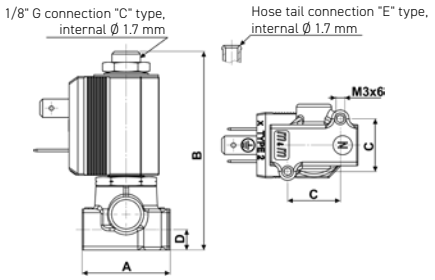
TYPE: RB397



Normally Open



Dimensions & weights		B397	RB397	SB397
G connection	[ISO 228]	1/8"	1/8"	1/8"
A	[mm]	30	30	30
B	[mm]	67.8	72.5	67.8
C	[mm]	18	18	18
D	[mm]	7	7	7
weight	[kg]	0.15	0.16	0.15



General purpose

Flow direction underseat 2 → 1

Valve	Nominal Ø	Flow rate Kvs	OPD min.	OPD max. AC	OPD max. DC	Coils	
code	[mm]	[l/min]	[barg]	[barg]	[barg]	code	[Volts/Hz]
B397CVA	1.0	0.5	0	18	18	2250	24 VDC
B397CVB	1.2	0.7	0	15	15	2200	24 V 50/60 Hz
B397CVC	1.5	1.0	0	10	10	2400	110 V 50 Hz - 120 V 60 Hz
B397CVE	2.0	1.9	0	5	5	2600	200 V 50 Hz - 220 V 60 Hz
B397CVH	3.0	3.5	0	2	2	2700	230 V 50 Hz - 240 V 60 Hz

B397 - FKM seal, NC

Coil power: AC 10 VA (holding)
AC 16 VA (inrush)
DC 7 W

Options
Manual override (e.g. code B397CVBM)
Armature tube with hose tail Ø 6 mm (e.g. code B397EVE)
UL approved coils (e.g. code 270R)

Automation

Valve	Nominal Ø 1 → 2	Nominal Ø 1 → 3	Flow rate Kvs	OPD min.	OPD max. AC	OPD max. DC	Coils	
code	[mm]	[mm]	[l/min]	[barg]	[barg]	[barg]	code	[Volts/Hz]
SB397CVB	1.2	1.7	0.7	0	6	3	2250	24 VDC
SB397CVC	1.5	1.7	1.0	0	4.5	2	2200	24 V 50/60 Hz
							2400	110 V 50 Hz - 120 V 60 Hz
							2600	200 V 50 Hz - 220 V 60 Hz
							2700	230 V 50 Hz - 240 V 60 Hz

SB397 - FKM seal, 2nd SERVICE -

Coil power: AC 10 VA (holding)
AC 16 VA (inrush)
DC 7 W

Options
Manual override (e.g. code SB397CVCM).

Notes
Flow direction: **OFF 3 → 1 - ON 1 → 2**

Automation

Valve	Nominal Ø	Flow rate Kvs	OPD min.	OPD max. AC	OPD max. DC	Coils	
code	[mm]	[l/min]	[barg]	[barg]	[barg]	code	[Volts/Hz]
RB397CVA	1.0	0.5	0	15	12	2250[1]	24 VDC
RB397CVB	1.2	0.7	0	15	12	2200	24 V 50/60 Hz
RB397CVC	1.5	1.0	0	10	8	2400	110 V 50 Hz - 120 V 60 Hz
RB397CVE	2.0	1.9	0	8	6	2600	200 V 50 Hz - 220 V 60 Hz
RB397CVG	2.5	2.5	0	4	4	2700	230 V 50 Hz - 240 V 60 Hz
RB397CVH	3.0	3.5	0	3.5	3.5		

RB397 - FKM seal, NO

Coil power: AC 10 VA (holding)
AC 16 VA (inrush)
DC 7 W

[1] For continuous service in DC we recommend the use of M&M coils 10 Watt, class H (see options on page 41)