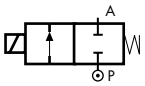
2/2 way direct acting solenoid valve, G 1/8" – G 1/4"

Common features
Body material: stainless steel (1.4305 EN 10088/AISI 303)
Orifice material: stainless steel (1.4305 EN 10088/AISI 303)
Operator material: stainless steel
Protection class: IP 65 (with connector and gasket)

Options
Available with body thread connection 1/8" (e.g. code D298DVC), performance ratings remain the same as D299DVC.
Silver shading ring (e.g. code D299DVCA)
NPT connection on request, minimum batch may be required (e.g. code D299DVCN)

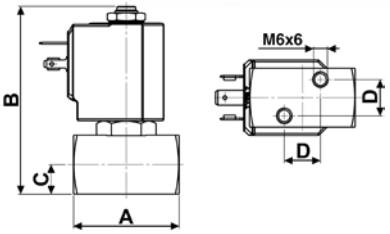
TYPE: D298/299



Normally Closed



Dimensions & weights		D298	D299
G connection	[ISO 228]	1/8"	1/4"
A	[mm]	45	45
B	[mm]	80	80
C	[mm]	12.5	12.5
D	[mm]	15.4	15.4
weight	[kg]	0.36	0.36



Flow direction overseat 1 → 2

General purpose

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]
D299DVC	1.5	1.2	0	24	24	7250	24 VDC
D299DVG	2.5	3.3	0	18	18	7200	24 V 50/60 Hz
D299DVH	3.0	4.5	0	15	10	7400	110 V 50 Hz - 120 V 60 Hz
D299DVL	4.0	6.0	0	10	5.5	7600	200 V 50 Hz - 220 V 60 Hz
D299DVN	5.0	7.5	0	5	2.5	7700	230 V 50 Hz - 240 V 60 Hz

D298/299 - FKM seal, NC -

Media: water, oil, air and aggressive fluids
Media temperature: -10 to +130 °C
Ambient temperature: -10 to +50 °C
Seal material: foodgrade FKM
Coil power: AC 18 VA (holding)
AC 36 VA (inrush)
DC 14 W

Options
EPDM seal, temperature max. 120 °C (e.g. code D298DEH)

Chemical industry

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]
D299DKE	2.0	2.3	0	20	20	7250	24 VDC
D299DKG	2.5	3.3	0	18	16	7200	24 V 50/60 Hz
D299DKH	3.0	4.5	0	15	8	7400	110 V 50 Hz - 120 V 60 Hz
						7600	200 V 50 Hz - 220 V 60 Hz
						7700	230 V 50 Hz - 240 V 60 Hz

D298/299 - KALREZ® seal, NC -

Media: chemicals
Media temperature: -10 to +130 °C
Ambient temperature: -10 to +50 °C
Seal material: Kalrez® Spectrum™ 6375
Coil power: AC 18 VA (holding)
AC 36 VA (inrush)
DC 14 W

Options
Protective treatment (e.g. code D299DKEF)

High pressure

Valve	Nominal Ø	Flow rate Kvs	OPD min.	OPD max. AC	OPD max. DC	Coils high power - class 'H' only	
code	[mm]	[l/min]	[barg]	[barg]	[barg]	code	[Volts/ Hz]
D299DRB1	1.2	0.7	0	200	110	72Z1	24 VDC
D299DRC1	1.5	1.2	0	200	80	72K1	24 V 50/60 Hz
D299DRE1	2.0	2.3	0	140	30	74K1	110 V 50 Hz - 120 V 60 Hz
D299DRG1	2.5	3.3	0	90	23	77K1	230 V 50 Hz - 240 V 60 Hz
D299DRH1	3.0	4.5	0	50	14		

ATTENTION: When high pressure valves are supplied without a coil, their nameplates display the max. OPD of the valve when equipped with an AC (25 VA) and DC (22 W) coil (as shown in the table above). **When using alternative coil power ratings please ensure to request separately the appropriate nameplate at time of order.**

D298/299 - RUBY seal, NC -

Media[1]: water, oil, air and aggressive fluids
Media temperature: -10 to +130 °C
Ambient temperature: -10 to +50 °C
Seal material: Ruby
Coil power: AC 25 VA (holding)
AC 50 VA (inrush)
DC 22 W

Notes
Seamless tube as standard
[1] Not 100% leak-proof when used with air/gases. Approximate leak rate is 1,5 ml/min at max. OPD.