2/2 WAY PILOT OPERATED SOLENOID VALVE, G 1 1/4" ÷ G 2"

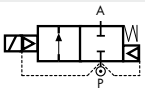
COMMON FEATURES

Media: water, oil, air
Media temperature: -10°C ÷ +90°C
Ambient temperature: -10°C ÷ +50°C
Body material: brass (CW617N EN 12165)
Operator material: stainless steel
Operator seal and diaphragm material: NBR
Silver shading ring as standard
Protection class: IP 65 (with connector and gasket)
Speed control screw as standard

OPTIONS

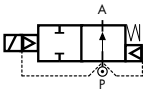
FKM seal, temperature max. 130°C (e.g. code D223DVK)
EPDM seal, temperature max. 120°C (e.g. code RD223DEK)
Electroless nickel plating treatment (e.g. code D222DVYK)
NPT connection on request, minimum batch may be required (e.g. code D223DBKN)

TYPE: D223÷D225



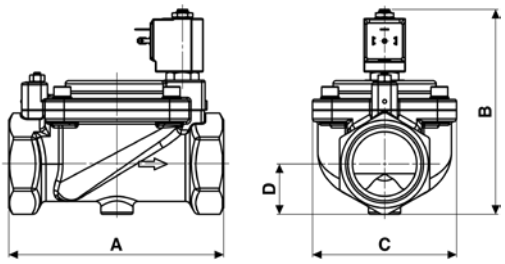
Normally Closed

TYPE: RD223÷RD225



Normally Open

DIMENSIONS & WEIGHTS		D223	D224	D225	RD223	RD224	RD225
G connection	[ISO 228]	1 1/4"	1 1/2"	2"	1 1/4"	1 1/2"	2"
A	[mm]	140	140	168	140	140	168
B	[mm]	140	140	158	140	140	158
C	[mm]	96	96	112	96	96	112
D	[mm]	31	31	39	31	31	39
weight	[kg]	2.8	2.8	3.9	2.8	2.8	3.9



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]
D223DBK	40	370	0.5	16	16	7250	24v DC
D224DBK	40	400	0.5	16	16	7200	24v 50/60Hz
D225DBJ	50	540	0.5	16	16	7400	110v 50Hz - 120v 60Hz
						7600	200v 50Hz - 220v 60Hz
						7700	230v 50Hz - 240v 60Hz

D223/224/225 - NBR seal, NC -

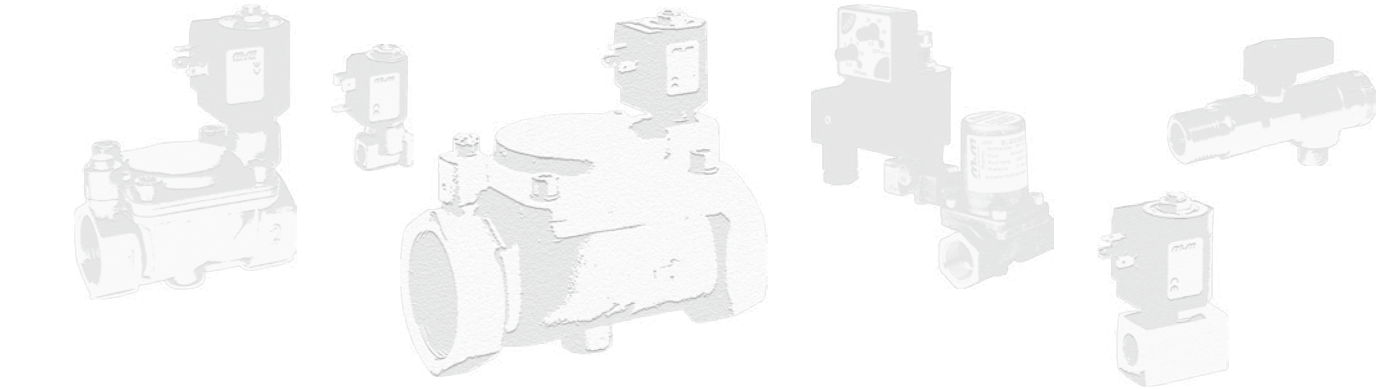
Coil power: AC 18VA (holding)
AC 36VA (inrush)
DC 14W

OPTIONS

Manual override (e.g. code D223DBKM)
For vacuum see page 36
UL approved coils (e.g. code 725R)

GENERAL PURPOSE

VALVE	nominal Ø	flow rate Kvs	OPD min.	OPD max. AC	OPD max. DC	COILS class 'H' only	
code	[mm]	[l/min]	[barg]	[barg]	[barg]	code	[Volts/Hz]
RD223DBK	40	370	0.5	16	16	7251	24v DC
RD224DBK	40	400	0.5	16	16	7201	24v 50/60Hz
RD225DBJ	50	540	0.5	16	16	7401	110v 50Hz - 120v 60Hz
						7601	200v 50Hz - 220v 60Hz
						7701	230v 50Hz - 240v 60Hz

D223/224/225 - NBR seal, NO -

Coil power: AC 18VA (holding)
AC 36VA (inrush)
DC 14W