

## 2/2 way pilot operated solenoid valve, G 3/8" – G 3/4"

### Common features

Media: water<sup>1</sup>, oil, air<sup>2</sup>  
 Media temperature: -10 to +130 °C  
 Ambient temperature: -10 to +50 °C  
 Body material: brass (CW617N EN 12165)  
 Orifice material: stainless steel (1.4305 EN 10088/AISI 303)  
 Operator material: stainless steel  
 Protection class: IP 65 (with connector and gasket)

### Notes

- <sup>1</sup> When using liquid fluids waterhammer and pressures higher than 20 barg can cause the diaphragm to tear  
<sup>2</sup> Not 100% leak-proof when used with air/gases.  
 Approximate leak rate is 1,5 ml/min at max. OPD

Dimensions & weights		D232	D233	D234	RD232	RD233	RD234
G connection	[ISO 228]	3/8"	1/2"	3/4"	3/8"	1/2"	3/4"
A	[mm]	86	86	86	86	86	86
B	[mm]	116.5	116.5	116.5	114	114	114
C	[mm]	50.2	50.2	50.2	50.2	50.2	50.2
D	[mm]	17.5	17.5	17.5	17.5	17.5	17.5
weight	[kg]	1	0.9	0.9	1	0.9	0.9

### High pressure

Valve code	Nominal Ø [mm]	Flow rate Kvs [l/min]	OPD			Coils	
			min. [barg]	max. AC [barg]	max. DC [barg]	code	[Volts/Hz]
D232DTW	16.5	42	1	50	50	7250	24 VDC
D233DTW	16.5	46	1	50	50	7200	24 V 50/60 Hz
D234DTW	16.5	48	1	50	50	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

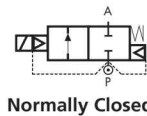
### High pressure

Valve code	Nominal Ø [mm]	Flow rate Kvs [l/min]	OPD			Coils class 'H' only	
			min. [barg]	max. AC [barg]	max. DC [barg]	code	[Volts/Hz]
RD232DTW	16.5	42	1	50	50	7251	24 VDC
RD233DTW	16.5	46	1	50	50	7201	24 V 50/60 Hz
RD234DTW	16.5	48	1	50	50	7401	110 V 50 Hz - 120 V 60 Hz
						7601	200 V 50 Hz - 220 V 60 Hz
						7701	230 V 50 Hz - 240 V 60 Hz

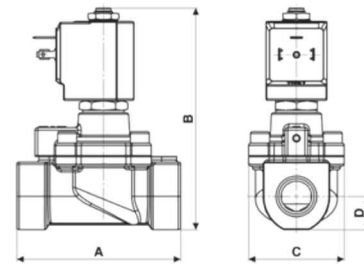
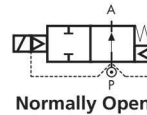
### Compressed air

Valve code	Nominal Ø [mm]	Flow rate Kvs [l/min]	OPD			Coils	
			min. [barg]	max. AC [barg]	max. DC [barg]	code	[Volts/Hz]
D232DVW	16.5	42	1	25	25	7250	24 VDC
D233DVW	16.5	46	1	25	25	7200	24 V 50/60 Hz
D234DVW	16.5	48	1	25	25	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

### TYPE: D232–D234



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Flow direction overseat 1 → 2

### D232/233/234 - PTFE seal, NC -

Operator seal material: Ruby  
 Diaphragm material: FKM  
 Main seal material: PTFE  
 Coil power: AC 18 VA (holding)  
 AC 36 VA (inrush)  
 DC 14 W

**Notes**  
 Seamless tube as standard

### RD232/233/234 - PTFE seal, NO -

Operator seal material: Ruby  
 Diaphragm material: FKM  
 Main seal material: PTFE  
 Coil power: AC 18 VA (holding)  
 AC 36 VA (inrush)  
 DC 14 W

**Options**  
 FKM seal version (e.g. code RD232DVW).  
 Temperature max. 130 °C - OPD max.: 25 barg AC/DC.  
 Minimum batch may be required

### D232/233/234 - FKM seal, NC -

Operator seal material: foodgrade FKM  
 Diaphragm material: FKM  
 Main seal material: FKM  
 Coil power: AC 18 VA (holding)  
 AC 36 VA (inrush)  
 DC 14 W