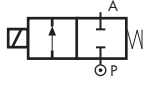


D262/263 Series, Vacuum – 2/2 Normally Closed

Specifications	
Function (single acting)	 Flow direction overseat 1 → 2
Maximum Viscosity	Max. 21cST (3 °E)
Body Material (Std)	Brass CW617N (EN 12165)
Orifice Material	Stainless Steel 1.4305 EN 10088 (AISI 303)
Flange	Stainless Steel 1.4305 EN 10088 (AISI 303)
Tube	Stainless Steel AISI 304
Plunger	Stainless Steel 1.4106 EN 10088 (AISI 430F)
Top Stop	Stainless Steel 1.4105 EN 10088 (AISI 430F)
Springs	Stainless Steel AISI 302
Seal Material (Std)	Foodgrade FKM
Connection Type (Std)	G parallel thread (ISO 228-1)
Shading Ring	Copper
Electrical Characteristics	
Standard Coil Voltage DC (=)	24 V
Standard Coil Voltage AC 50 Hz (~)	24 V, 110 V, 200 V, 230 V
Standard Coil Voltage AC 60 Hz (~)	24 V, 120 V, 220 V, 240 V
Voltage Tolerance	+10% to -15% (AC)
	+10% to -5% (DC)
Duty Cycle	100% ED
Protection Class	IP65 (EN 60529) with plug and gasket correctly fitted *
Electrical Connection	to EN 175301 - 803 - A (ex DIN 43650)
Coil Insulation	Class F 155 °C
Power Rating (Standard)	AC 18 VA (holding) AC 36 VA (inrush) DC 14 W

Features and Benefits

- Direct Acting
- Robust construction for industrial applications
- Configuration suitable for vacuum
- Stainless steel AISI 430F operators with low residual magnetism
- Coils tested 100% in compliance to RoHS directive and to relevant international standards
- Choice of high quality seal materials
- Response time 5 to 25 ms



Pipe Size	Cv (gpm)	Kv (m³/h)	OPD (bar)		Orifice (mm)	Seal Material	Valve Code
			AC Voltages	DC Voltages			
¼"	0.04	0.03	-0.9 to 1	-0.9 to 1	1.0	FKM NBR	D263DV AL D263DB AL
¼"	0.09	0.08	-0.9 to 1	-0.9 to 1	1.5	FKM NBR	D263DV CL D263DB CL
¼"	0.24	0.20	-0.9 to 1	-0.9 to 1	2.5	FKM NBR	D263DV GL D263DB GL
¼"	0.32	0.27	-0.9 to 1	-0.9 to 1	3.0	FKM NBR	D263DV H L D263DB H L
¼"	0.42	0.36	-0.9 to 1	-0.9 to 1	4.0	FKM NBR	D263DV L L D263DB L L
¼"	0.53	0.45	-0.9 to 1	-0.9 to 1	5.0	FKM NBR	D263DV N L D263DB N L
¼"	0.56	0.48	-0.9 to 1	-0.9 to 1	6.0	FKM NBR	D263DV P L D263DB P L

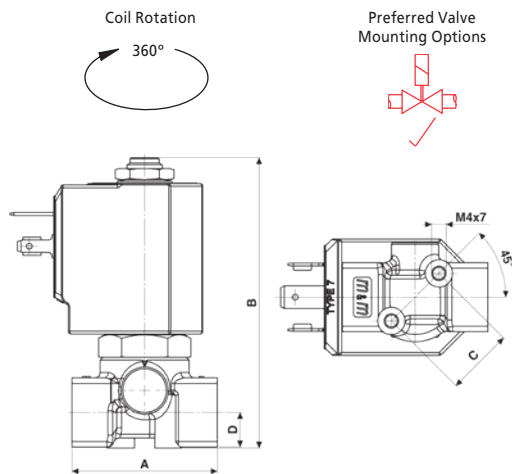
Options Available

Valve Options (see coding chart)
Body threaded connection G 1/8"

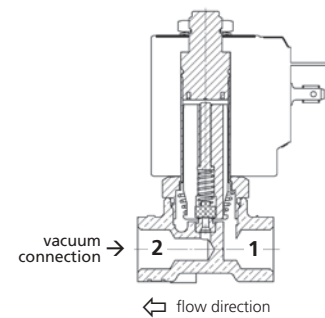
Seal Material ¹ and Media Temperature Range	Media	Ambient Temperature Range	
		Min	Max
FKM (-10 °C to +130 °C)	Water, oil, air	-10 °C	+50 °C
NBR (-10 °C to +90 °C)	Water, oil, air	-10 °C	+50 °C

¹ See corrosion reference guide and sealing solutions for material compatibility. Other seals material on request.

D262/263 Series, Vacuum – 2/2 Normally Closed



Connection scheme



Pipe Size	A	B	C	D	Weight (kg)
1/8" - 1/4"	40	77.5	18.5	9.5	0.26

Dimensions (mm)

Solenoid enclosures

7--0 Type Coil - Insulation class F

External material: PBT (reinforced fiberglass 30%)
 Electrical connection: DIN EN 175301-803 form A
 Winding insulation: Class H (E180)
 Enclosure classification: Conforms to IP65 (according to EN 60529) with plug and gasket correctly fitted*



* Plug and gasket not supplied as standard, must be ordered separately.

Type 600 011- Plug

Rated Voltage (max.): 250 VAC / 300 VDC
 Nominal Current: 10A (rated) / 16A (max)
 Wire cross-section: 1.5 mm² max
 Cable Entry: PG9 (6 to 8 mm)
 Enclosure classification: Conforms to IP65 (according to EN 60529) with supplied gasket
 Insulation class: group C- VDE 0110
 Housing colour: black
 UL approved, file No: E205538



Coding chart

Main Valve Assembly

Pipe Size
2 1/8"
3 1/4"

Seals	Orifice
V FKM	A 1.0
B NBR	C 1.5
	G 2.5
	H 3.0
	L 4.0
	N 5.0
	P 6.0

Option
w/o option

Coil options

Voltage / Frequency - Class F
7250 24 VDC
7200 24 V / 50/60 Hz
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

Plug

Plug
w/o plug
0A1 c/w plug

D	2	6	.	D	.	.	L	.	.	.	.	.	.	.	.	.	.
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Product coding example:

D263DBPL 7700
 1/4" G, auto operation, brass body, FKM seals, 6.0 mm orifice, 230 V / 50 Hz - 240 V / 60 Hz, without plug.