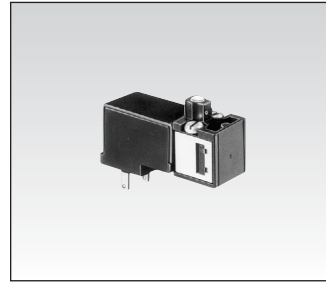


Miniature solenoid valves for alternating current

- Conform to the Low Voltage Directive
- For mounting on sub-base or footprint in accordance with CNOMO recommendation E 06-36-120N



Part numbers (and voltages)

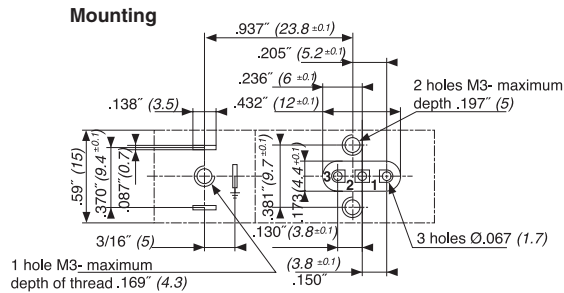
Consumption	Voltage	81 519 080	81 519 380	81 519 680
2.5 VA	24 V ~ 50-60 Hz	—	81 519 381	—
2.5 VA	48 V ~ 50-60 Hz*	—	81 519 378	81 519 678
2.5 VA	110 V ~ 50-60 Hz	—	81 519 379	81 519 679
2.5 VA	220 V- 230 V ~ 50-60 Hz	—	—	—
Function		3/2 NC	3/2 NC	3/2 NC
Version		Without manual override	With manual override by impulse	With manual override by latching (1/4 turn)

Characteristics

			15 > 120 (1 > 8)	15 > 120 (1 > 8)	15 > 120 (1 > 8)	15 > 120 (1 > 8)
Operating pressure	psi	(Bars)	15 > 120 (1 > 8)	15 > 120 (1 > 8)	15 > 120 (1 > 8)	15 > 120 (1 > 8)
Orifice diameter	inches	(mm)	.03 (0.8)	.03 (0.8)	.03 (0.8)	.03 (0.8)
Flow at 90 psi (6 bars)	cfm	(Nl/min)	1 (30)	1 (30)	1 (30)	1 (30)
Cv (kV)			.02 (0.3)	.02 (0.3)	.02 (0.3)	.02 (0.3)
Switching time milliseconds		(ms)	5 > 15	5 > 15	5 > 15	5 > 15
Mechanical life (cycles)			15 million	15 million	15 million	15 million
Operating temperature	°F	(°C)	+15 > +120 (-10 > +50)	+15 > +120 (-10 > +50)	+15 > +120 (-10 > +50)	+15 > +120 (-10 > +50)
Compressed air or inert gas - oil-free air filtered to 50 µ			●	●	●	●
Duty factor			100 % ED	100 % ED	100 % ED	100 % ED
Insulation class		(IEC 85)	F	F	F	F
Weight	grams		35	35	35	35
Rotatable connector 4 positions in 90° steps			●	●	●	●
Degree of protection with sub-base (page 5/52)		(IEC 529)	IP 20	IP 20	IP 20	IP 20
Degree of protection with connector 81 516 082 (page 5/55)		(IEC 529)	IP 65	IP 65	IP 65	IP 65
UL and cUL approval			MH 15085	MH 15085	MH 15085	MH 15085

Mounting plan

according to CNOMO E 06.36.120.N



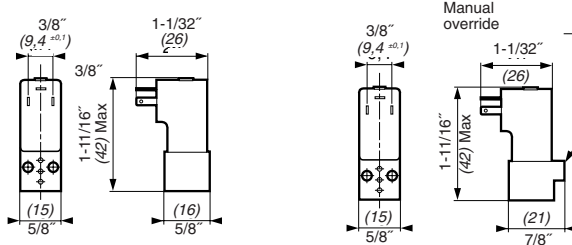
- 1 - Supply
- 2 - Output
- 3 - Exhaust

Dimensions

81 519 0

81 519 3

81 519 6



Other information

Other voltages on request

To order, specify :

Standard products

1

Part number

Example : Miniature solenoid valves - 81 519 080

Products and specifications subject to change without notice.

Order/Technical Support – Tel: (800) 677-5311 / FAX: (800) 677-3865 / www.crouzet-usa.com