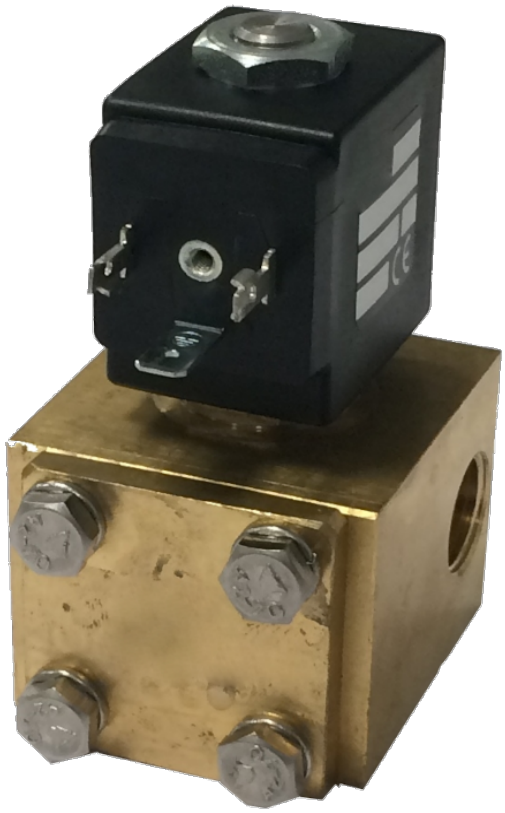
123 Series Valves

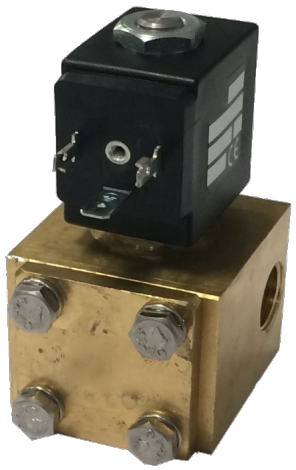


800.909.4988
info@rankinusa.com

RANKIN
COMPONENTS THAT AUTOMATE

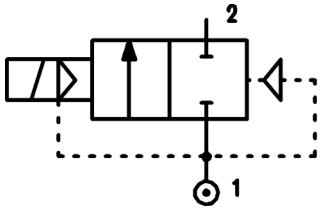
DESCRIPTION

Solenoid valve 2 way normally closed with servo-assisted piston suitable for air and water.
Its requested a minimum differential pressure of 0.7 bar.



COSTRUCTION

Body and cover	Brass
Armature tube	AISI 303
Plunger and core	AISI 430FR
Piston	AISI 303
Springs	AISI 302
Seal material	main seal PTFE other FPM

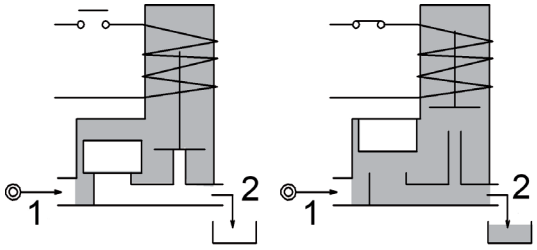


4

FEATURES

Minimum differential pressure 0.7bar
Maximum allowable pressure PS 200bar
Maximum fluid viscosity 12cSt (mm^2/s)
Ambient temperature: from -10°C to +80°C according to the coil
Preferred mounting position with vertical coil above

OPTIONS: Electroless nickel plating
c UL us certified coils



CODE ②	Connection G ISO 228	Orifice mm	Kv l/min	Differential pressure bar Min	Max AC	Max DC	Nominal power AC Inrush	Nominal power VA Holding	Nominal power DC Watt	Coil Series	Coil Width	Seal	Temperature range °C
E123CW07///...	3/8”	7	14	0.7	100	80	20	15	10	2	30	PTFE=W	-10 +95
					150	150	40	30	27	5	36		

② Coil Example: E123CW07///20E PTFE seal
Coil 220-230V 50-60Hz

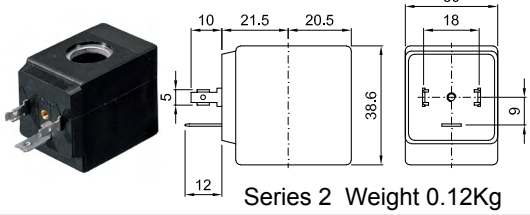
Maximum allowable leakage <0.2Nl/h

COILS ②	Alternating Current 50/60Hz (V)							Direct Current (V)			Electrical connection	Connectors
	12	24	48	110	220 230	240	380	12	24	48		
Series **2** Width **30**	**20A**	**20B**	**20C**	**20D**	**20E**	**20F**	**20G**	**200**	**201**	**202**	**DIN 43650A**	**PG9 code 10349000**
Series **5** Width **36**	**52A**	**52B**	**52C**	**52D**	**52E**	**52F**	**52G**	**520**	**521**	**522**	**DIN 43650A**	**PG11 code 10349001**

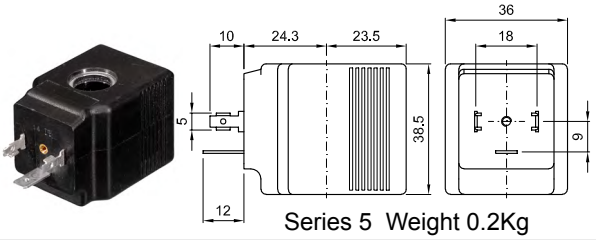
DESCRIPTION
Insulation class
Series 2 =F Series 5=H
Voltage tolerance
AC +15% -10%
DC ± 10%
Protection class
IP65 with connector fitted
IP00 without connector

OPTIONS
Class H insulation (series 2)
Cable attached
Special coil voltage
Special coil powers
c UL us certified coils

(for coil details see section 8)

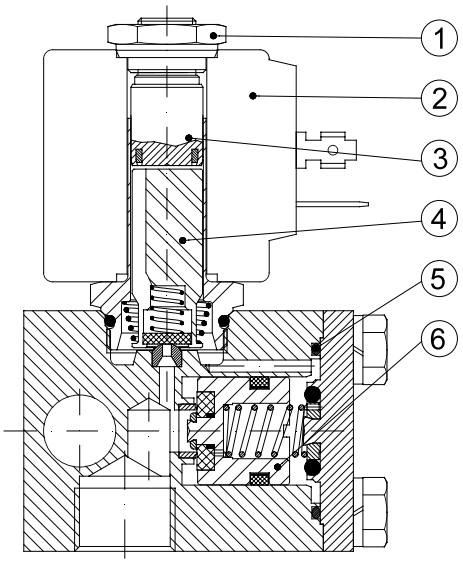


Series 2 Weight 0.12Kg



Series 5 Weight 0.2Kg

SPARE PARTS LIST
1. Coil fixing nut
2. Coil
3. Armature tube assembly
4. Plunger assembly
5. Piston assembly
6. OR
7. OR



OVERALL DIMENSION