

314 Series Valves



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RANKIN 
COMPONENTS THAT AUTOMATE

DESCRIPTION

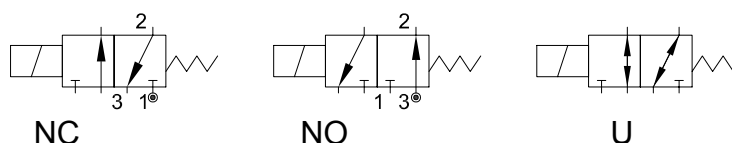
Solenoid valve 3 way direct acting poppet type
Flange fixing

CONSTRUCTION

Body	Brass
Armature tube	AISI 303
Plunger and core	AISI 430FR
Springs	AISI 302
Seal material	NBR - FPM - EPDM



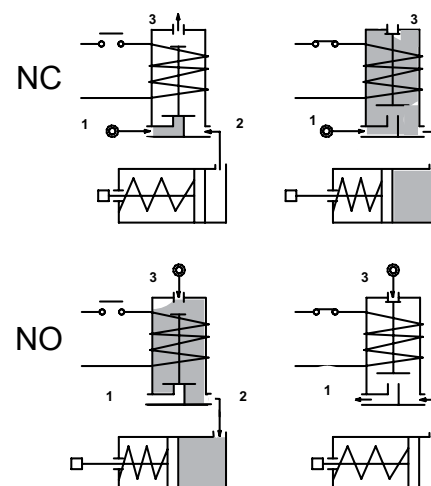
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FEATURES

Maximum allowable pressure PS 80bar^③
Maximum fluid viscosity 25cSt (mm²/s)
Ambient temperature: from -10°C to +80°C according to the coil
Universal mounting position

OPTIONS: Manual override
Electroless nickel plating
Stainless steel seat
c us certified coils



ON REQUEST: Versions for use with fluid temperature at -40°C

CODE ① ②	Flange	Orifice mm		Kv m ³ /h	Differential pressure bar			Nominal power			Coil		Seal ①	Temp. range °C		
		1→2	2→3		Min	Max AC DC		AC Inrush	VA Holding	DC Watt	Series	Width				
NC Normally closed																
E314X...15///...	□ 32	1.5	2.4	0.07	0	20	20	20	15	10	2	30	NBR=B EPDM=E FPM=V	-10 +90 -10 +140 -10 +140		
E314X...20///...		2	2.4	0.11	0	13	13									
E314X...25///...		2.5	2.4	0.16	0	10	10									
NO Normally open																
E314X...24/S/...	□ 32	2.4	2.5	0.16	0	9	9	20	15	10	2	30			NBR=B EPDM=E FPM=V	-10 +90 -10 +140 -10 +140
E314X...29/S/...		2.9	3	0.20	0	6.5	6.5									
U Universal																
E314X...25/G/...	□ 32	2.5	2.4	0.16	0	5	4	20	15	10	2	30				

① Seal
② Coil

Example: E314XV15///20B FPM seal
E314XB24/S/201 NBR seal

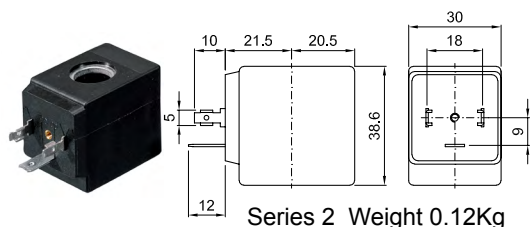
Coil 24V 50/60Hz NC
Coil 24V DC NO

③ The maximum allowable pressure PS for steam 2,5bar (gauge pressure)

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

DESCRIPTION
 Class F insulation
 Voltage tolerance
 AC +15% -10%
 DC ± 10%
 Protection class
 IP65 with connector fitted
 IP00 without connector
 Continuous service ED100%

OPTIONS
 Class H insulation
 Cable attached
 Special coil voltage
 Special coil powers
 CE US certified coils

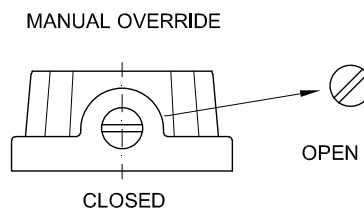
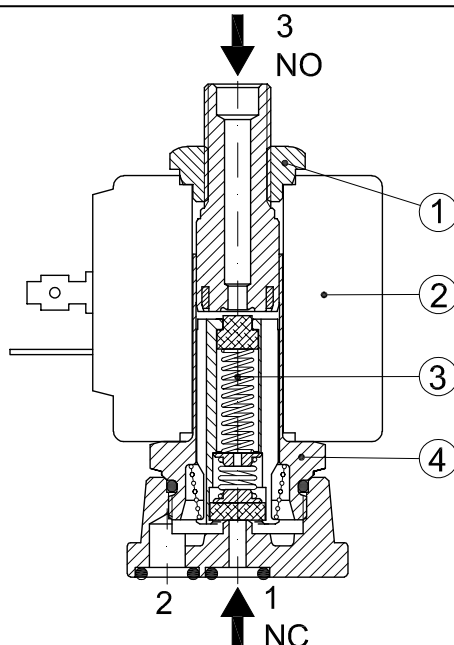


Series 2 Weight 0.12Kg

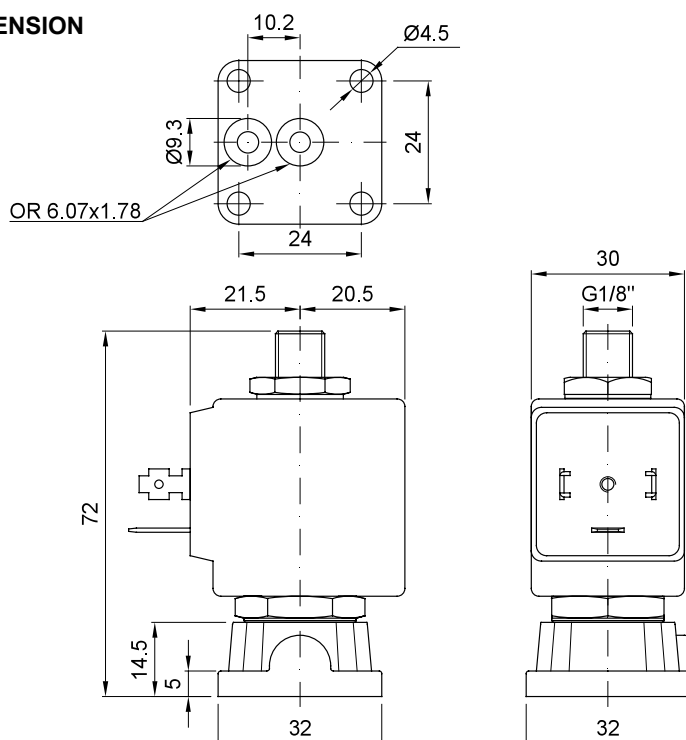
(for coil details see section 8)

SPARE PARTS LIST

1. Coil fixing nut
2. Coil
3. Plunger
4. Armature tube assembly



OVERALL DIMENSION



Weight=0.32Kg