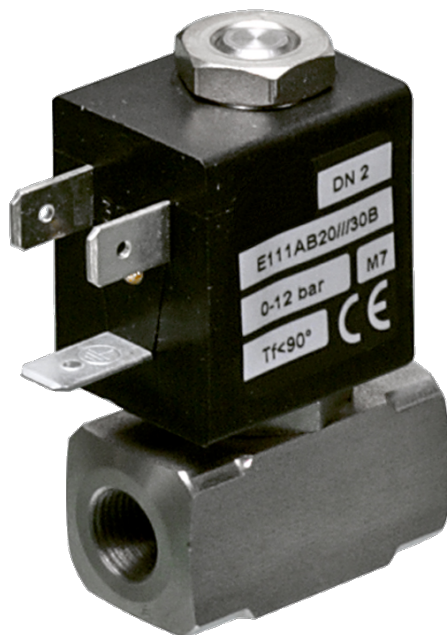


# 371 Series Valves



800.909.4988  
info@rankinusa.com

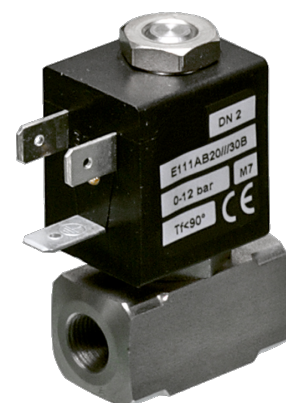
**RANKIN**   
COMPONENTS THAT AUTOMATE

## DESCRIPTION

Solenoid valve 3 way in stainless steel AISI 316  
direct acting poppet type


## CONSTRUCTION

Body	AISI 316
Armature tube	AISI 316
Plunger and core	AISI 430FR
Springs	AISI 316
Seal material	NBR - FPM - EPDM

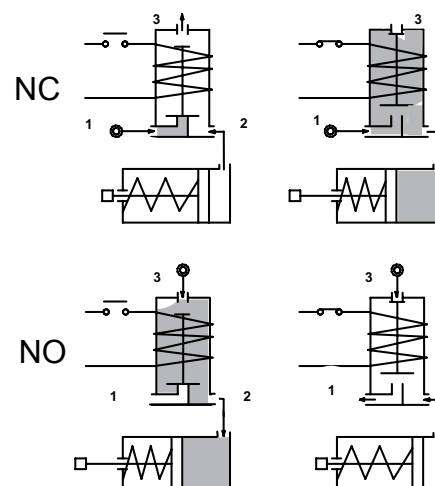
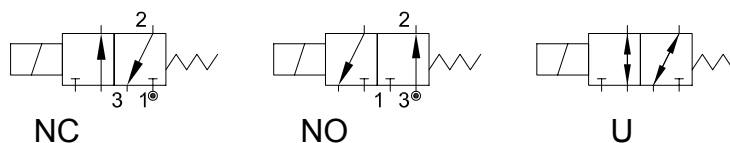


## FEATURES

Maximum fluid viscosity 25cSt (mm<sup>2</sup>/s)  
Ambient temperature: from +14°F to +176°F according to the coil  
Universal mounting position

**OPTIONS:** Silver shading ring  
Electroless nickel plating  
Exhaust port with hoesetail connection  
Series 7 explosion proof coil according to  
 ATEX II 2G Ex mb IIC T6, T5, T4 Gb  
 II 2D Ex mb IIIC T85°C, T100°C, T135°C Db  
 similar to NEC 505 Div.1 Class II IIC T6

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



CODE ① ②	Port Size NPT	Orifice Size				Flow Factor Cv (gpm)	Operating Pressure Differential (M.O.P.D.) ③				Nominal power			Coil		Seal ①	Temp. range (°F)	
		Inlet		Exhaust			Min	Max		Inrush	Holding	Series	Width					
		(in)	(mm)	(in)	(mm)			AC (psi)	DC (bar)					AC (psi)	DC (bar)			(VA)
<b>NC Normally closed</b>																		
E371AN...12///...	1/8	0.047	1.2	0.059	1.5	0.046	0	217	15	217	15	12	8	6.5	3	22	NBR=B	+14 +194
E371AN...15///...		0.059	1.5	0.059	1.5	0.069	0	145	10	145	10							
E371AN...20///...		0.079	2	0.059	1.5	0.104	0	87	6	87	6							
<b>NO Normally open</b>																		
E371AN...15/S/...	1/8	0.059	1.5	0.059	1.5	0.069	0	145	10	145	10	12	8	6.5	3	22	EPDM=E	+14 +284
<b>U Universal</b>																		
E371AN...15/G/...	1/8	0.059	1.5	0.059	1.5	0.069	0	87	6	87	6	12	8	6.5	3	22	FPM=V	+14 +284

① Seal Ordination example: E371ANB15///U35B NBR seal, connection 1/8 NPT

② Coil Coil 24V 60Hz certified c  and marked 

③ Safe Working Pressure: M.O.P.D. +10%.

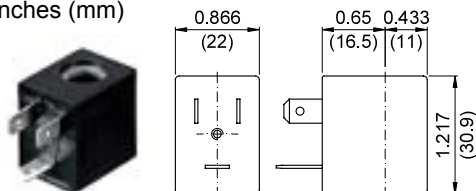
Is the line or system pressure to which the valve may be subjected without being damaged.

COILS Code ②	Alternating Current						Direct Current				Electrical connection	Connectors
	24V		120V		240V		12V		24V			
Series 3 Width 22mm	U35B	30B	U35D	30D	U35F	30F	U350	300	U351	301	DIN 46244	PG9 code 10348000

**DESCRIPTION**  
 Class F or H insulation  
 Voltage tolerance  $\pm 10\%$   
 Protection class:  
 IP65 with connector attached  
 IP00 without connector  
 Continuous service ED100%

### OVERALL DIMENSIONS

inches (mm)



Series 3 Weight 0.11lb (0.05Kg)

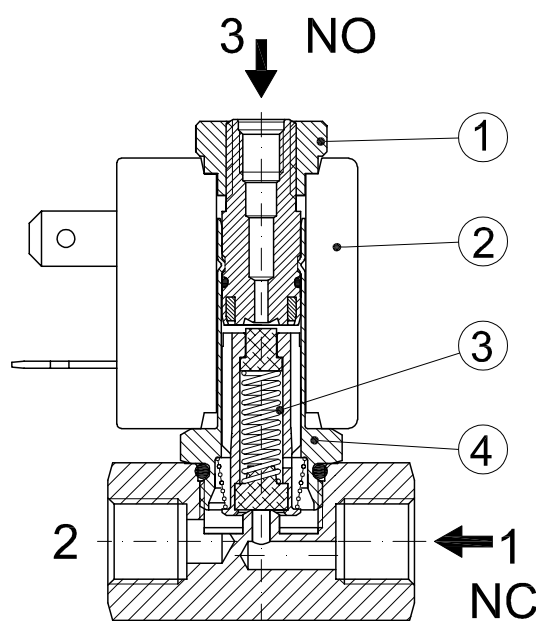
### OPTIONS

Cable attached  
 Special coil voltage  
 Special coil powers

**FOR COIL SPECIFICATION SEE SECTION 6**

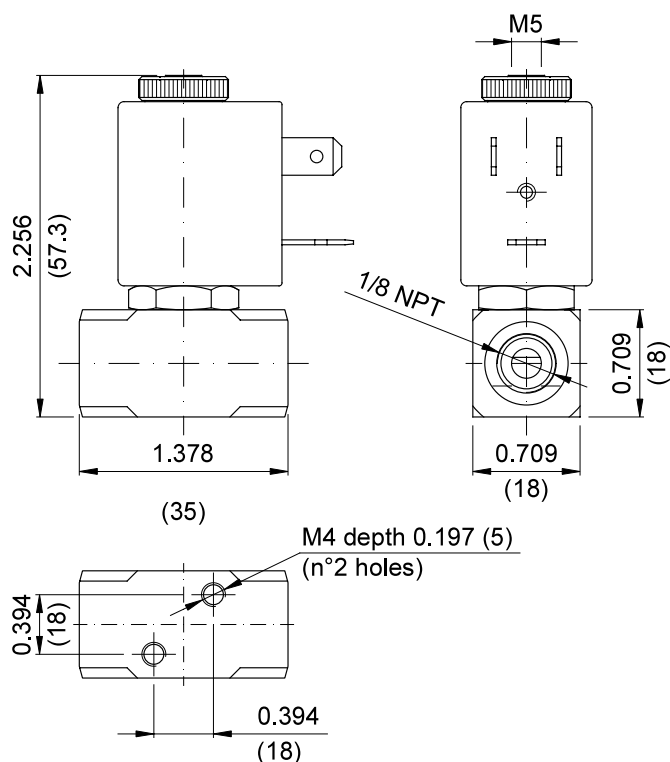
### SPARE PARTS LIST

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



### OVERALL DIMENSIONS

inches (mm)



Weight=0.33lb (0.15Kg)