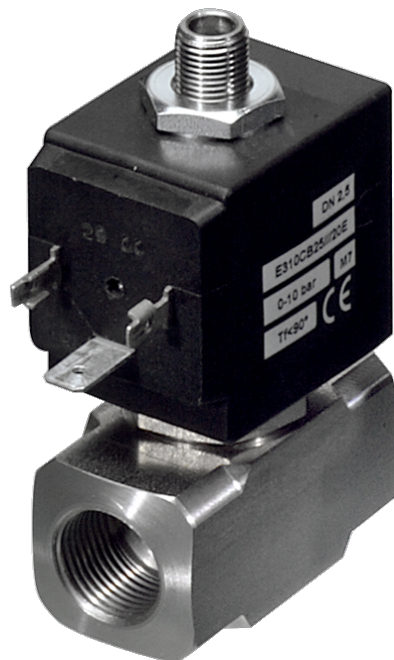


370 Series Valves



800.909.4988
info@rankinusa.com

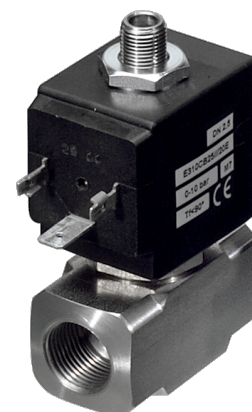
RANKIN 
COMPONENTS THAT AUTOMATE

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
Shading ring	Silver
Spring	AISI 316
Seal material	NBR - FPM - EPDM - FFKM (Kalrez)



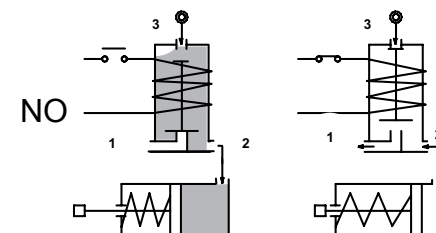
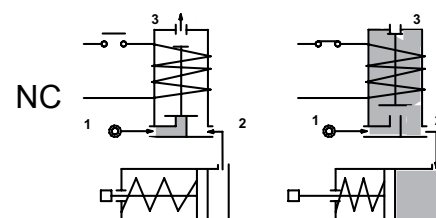
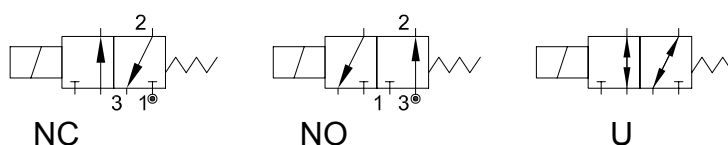
3

FEATURES

Maximum fluid viscosity 25cSt (mm²/s)
Ambient temperature: from +14°F to +176°F according to the coil
Universal mounting position

OPTIONS: Versions for use with oxygen
c certified coils

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



CODE	Port Size	Orifice Size				Flow Factor Cv	Operating Pressure Differential (M.O.P.D.) ③				Nominal power		Coil		Seal	Temp. range		
		Inlet		Exhaust			Min	Max		AC	DC	Series	Width					
① ②	NPT	(in)	(mm)	(in)	(mm)	(gpm)	(psi)	(bar)	(psi)	(bar)	Inrush (VA)	Holding (W)		(mm)	①	(°F)		
NC Normally closed																		
E370BN...15///...	1/4	0.059	1.5	0.094	2.4	0.081	0	232	16	232	16	20	15	10	2	30	NBR=B	+14 +194
E370BN...20///...		0.079	2	0.094	2.4	0.127	0	188	13	188	13							
E370BN...25///...		0.098	2.5	0.094	2.4	0.185	0	145	10	145	10							
NO Normally open																		
E370BN...25/S/...	1/4	0.094	2.4	0.098	2.5	0.185	0	130	9	130	9	20	15	10	2	30	FPM=V	+14 +284
U Universal																		
E370BN...25/G/...	1/4	0.098	2.5	0.094	2.4	0.185	0	72.5	5	58	4	20	15	10	2	30	FFKM=K	+14 +356

① Seal Ordination example: E370BNB25///U25B NBR seal, connection 1/4 NPT , NC version

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.

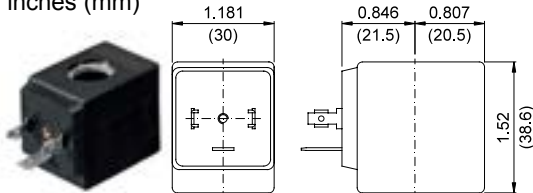
Series 370

COILS Code ②	Alternating Current						Direct Current				Electrical connection	Connectors
	24V		120V		240V		12V		24V			
Series 2 Width 30mm	U25B c us	201	U25D c us	20D	U25F c us	20F	U250 c us	200	U251 c us	201	DIN 43650A	PG9 code 10349000

DESCRIPTION
 Insulation class F or H
 Voltage tolerance ±10%
 Protection class:
 IP65 with connector attached
 IP00 without connector
 Continuous service ED100%

OVERALL DIMENSIONS

inches (mm)



Series 2 Weight 0.26lb (0.12Kg)

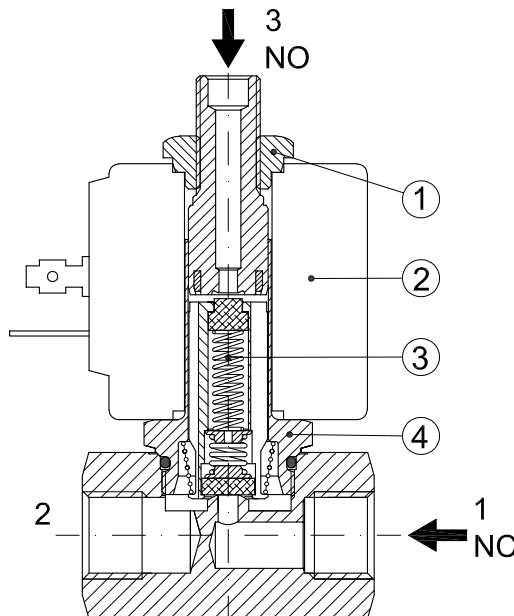
OPTIONS

Cable attached
 Special coil voltage
 Special coil powers

FOR COIL SPECIFICATION SEE SECTION 6

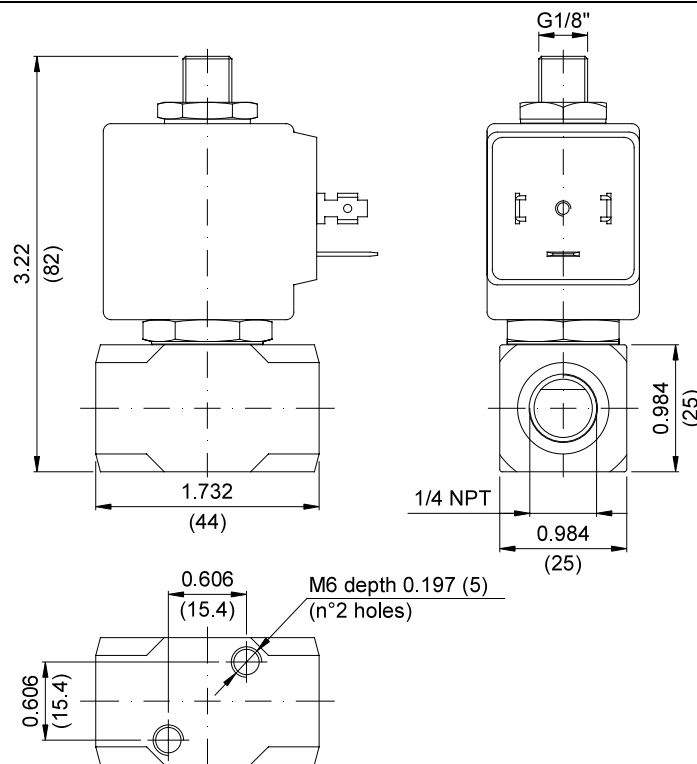
SPARE PARTS LIST

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



OVERALL DIMENSIONS

inches (mm)



Weight=0.79lb (0.36Kg)