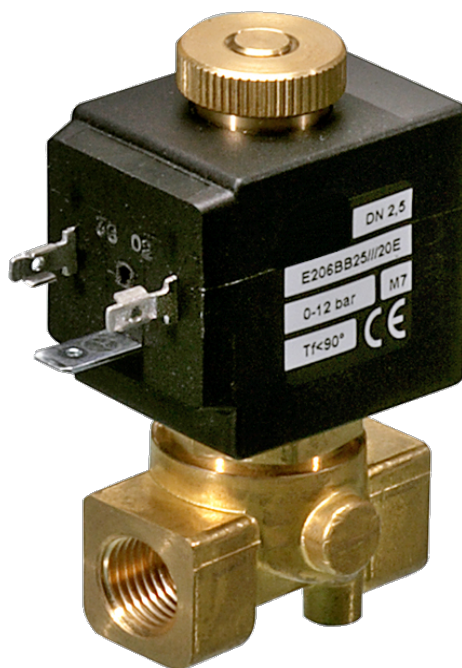












# 206 Series Valves



800.909.4988  
info@rankinusa.com

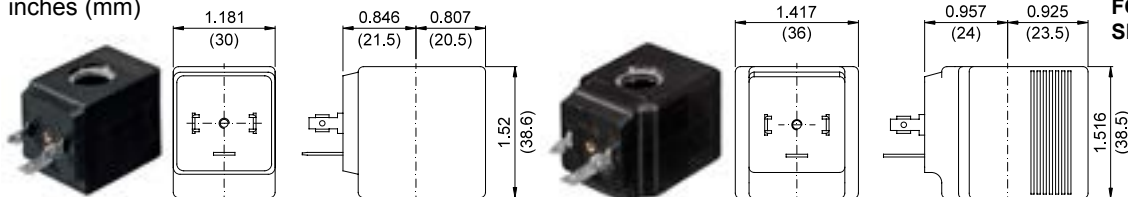
**RANKIN**   
COMPONENTS THAT AUTOMATE



COILS Code ②	Alternating Current						Direct Current				Electrical connection	Connectors	DESCRIPTION Insulation class F or H Voltage tolerance ±10% Protection class: IP65 with connector attached IP00 without connector Continuous service ED100%
	24V		120V		240V		12V		24V				
Series 2 Width 30mm	U25B c 	201	U25D c 	20D	U25F c 	20F	U250 c 	200	U251 c 	201	DIN 43650A	PG9 code 10349000	OPTIONS Cable attached Special coil voltage Special coil powers
Series 5 Width 36mm	U55B c 	521	U55D c 	52D	U55F c 	52F	U550 c 	520	U551 c 	521	DIN 43650A	PG11 code 10349001	

### OVERALL DIMENSIONS

inches (mm)



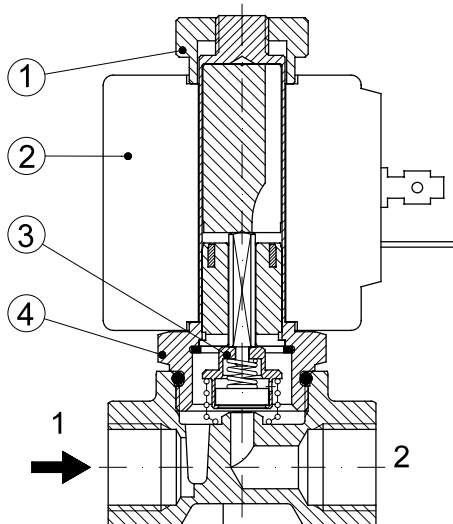
Series 2 Weight 0.26lb (0.12Kg)

Series 5 Weight 0.44lb (0.20Kg)

FOR COIL SPECIFICATION SEE SECTION 6

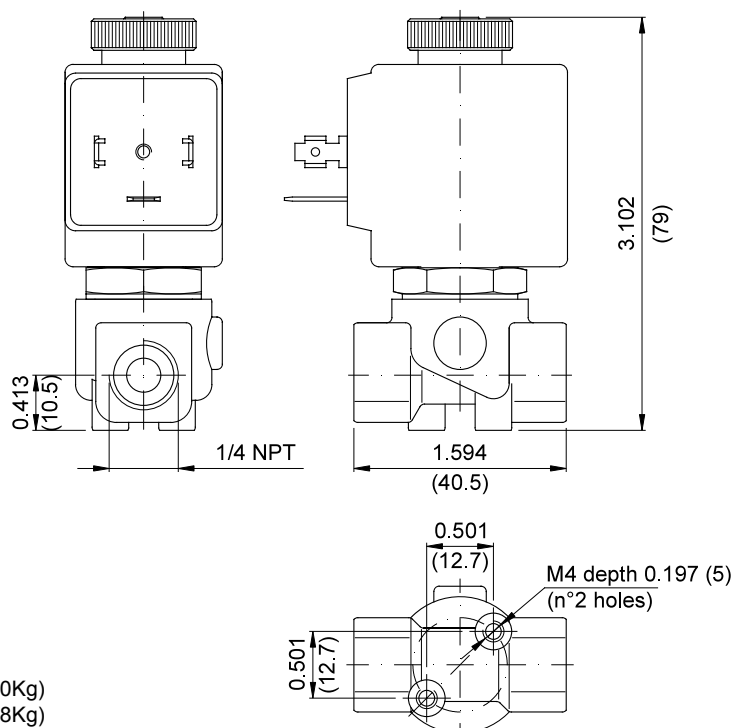
### SPARE PARTS LIST

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



### OVERALL DIMENSIONS

inches (mm)



Weight with coil series 2=0.66lb (0.30Kg)

Weight with coil series 5=0.84lb (0.38Kg)

## DESCRIPTION

Solenoid valve 2 way normally open  
direct acting poppet type

## CONSTRUCTION

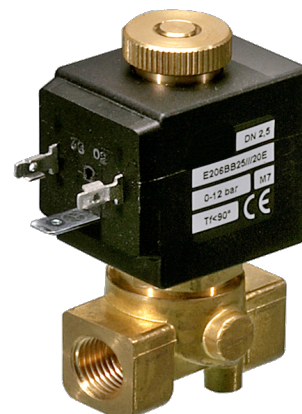
Body	Brass
Armature tube	Brass
Plunger and core	AISI 430FR
Springs	AISI 302
Seal material	NBR - FPM - EPDM

## FEATURES

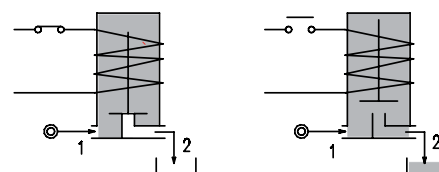
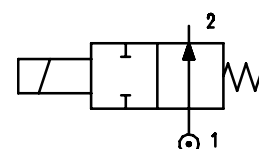
Maximum fluid viscosity 25cSt (mm<sup>2</sup>/s)  
Ambient temperature: from +14°F to +176°F according to the coil  
Universal mounting position

**OPTIONS:** Stainless steel armature tube  
Stainless steel seat insert (up to Ø0.177in)  
Electroless nickel plating

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



**2**



CODE ① ② ③	Port Size NPT	Orifice Size		Flow Factor Cv (gpm)	Operating Pressure Differential (M.O.P.D.) ④				Nominal power			Coil		Seal ②	Temp. range (°F)	
		(in)	(mm)		Min	Max		AC (VA) Inrush Holding	DC (W)	Series	Width (mm)					
						AC (psi) (bar)	DC (psi) (bar)									
E206...N...30///...	3/8 1/2	0.118	3	0.116	0	130	9	-	-	20	15	-	2	30	NBR=B	+14 +194
E206...N...35///...		0.138	3.5	0.173	0	101	7	-	-							
E206...N...40///...		0.157	4	0.370	0	79	5.5	-	-							
E206...N...45///...		0.177	4.5	0.474	0	65	4.5	-	-							
D206...N...30/3/...	3/8 1/2	0.118	3	0.116	0	-	-	94	6.5	-	-	10	2	30	EPDM=E	+14 +284
D206...N...35/3/...		0.138	3.5	0.173	0	-	-	58	4							
D206...N...40/3/...		0.157	4	0.370	0	-	-	50	3.5							
D206...N...45/3/...		0.177	4.5	0.474	0	-	-	43	3							
E206...N...30///...	3/8 1/2	0.118	3	0.116	0	130	9	130	9	27	20	14	5	36	FPM=V	+14 +284
E206...N...35///...		0.138	3.5	0.173	0	101	7	101	7							
E206...N...40///...		0.157	4	0.370	0	79	5.5	79	5.5							
E206...N...45///...		0.177	4.5	0.474	0	65	4.5	65	4.5							

① Port size: C=3/8 D=1/2

② Seal Ordination example: E206CNB30///U25B NBR seal, connection 3/8 NPT

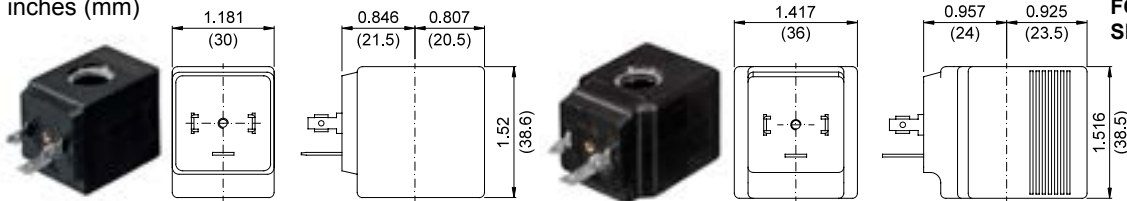
③ Coil Coil 24V 60Hz certified and marked CE

④ Safe Working Pressure: 725 psi. Is the line or system pressure to which the valve may be subjected without being damaged.  
The maximum allowable pressure PS for steam is 36 psi.

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### OVERALL DIMENSIONS

inches (mm)



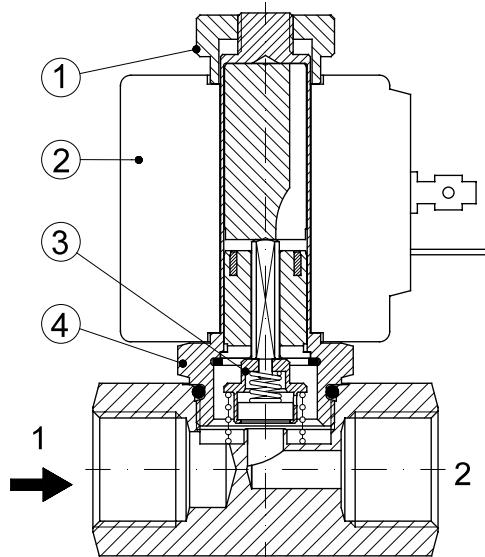
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FOR COIL SPECIFICATION SEE SECTION 6

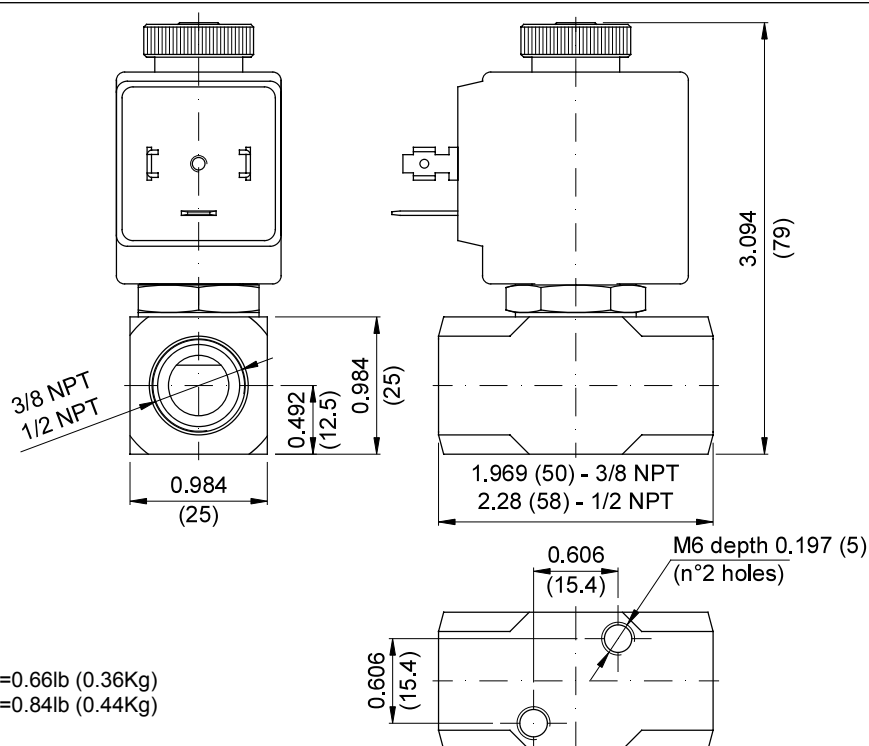
### SPARE PARTS LIST

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### OVERALL DIMENSIONS

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