Solenoid valve 2/2 way N.O. Combined operation

21IH3Z1V150 ÷ 21IH5Z1V200

PRESENTATION:

Combined operation S.V. for interception of fluids compatible with the construction materials.

Minimum operational pressure is not required.

The materials used and the tests carried out ensure maximum reliability and duration.

USE: Automation - Heating - Chemistry

G 3/8 - G 3/4

111 20.

8W - Ø 13 COIL: BDA 155°

BDA 155°C (classe F)
BDV 180°C (classe H)

COIL HOUSING AND COIL FORMER MATERIAL ARE MADE BY 100% VIRGIN MATERIAL

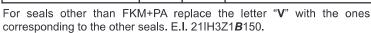
Max. allowable pressure (PS) 16 bar

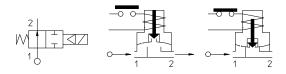
Ambient temperature:

See coils catalogue page for its compatibility.



Gaskets	Tempe	rature	Medium			
V =FKM+ PA (fluorelastomer+poliamiyde)	- 10°C	+140°C	Mineral oils (2°E), gasoline gas oil			
B= NBR + PA (nitrile +poliammide)	- 10°C	+ 90°C	Air, gasolin, fuel oils, inert gas,			

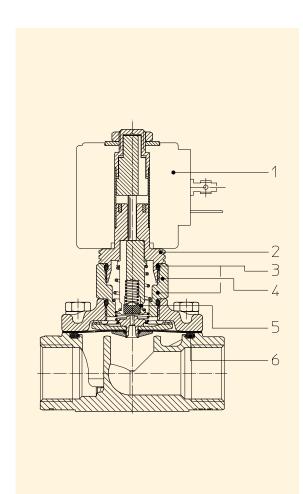




Pipe ISO 228/1 Code	Max viscosity		Ø	Kv P	Power	Pressure			
					rowei	min	M.O.P.D.		
		cSt	°E	mm	l/mn	watt	bar	AC bar	DC bar
G 3/8	21IH3Z1 <i>V</i> 150			15	30				
G 1/2	21 I H4Z1 V 160	12	~ 2	16	40	8	0	10 *	10
G 3/4	21IH5Z1 <i>V</i> 200			20	50				

Note

^{*} To use in AC, the DCcoil will be supplied with a rectifier bridge. Available on request and with minimum quantities.



MATERIALS:

Body Armature tube Fixed core Plunger Phase displacement ring Spring Seal

Orificie

On request: Connector

Connector conformity

Stainless steel AISI 316
Stainless steel AISI 316
Stainless steel AISI series 400
Stainless steel AISI series 400
Gold plated copper
Stainless steel AISI series 300
Standard: V=FKM+PA
On request: B=NBR+PA
Stainless steel AISI 316

Pg 9 o Pg 11 ISO 4400

FEATURES:

Electrical conformity Protection degree

IEC 335

IP 65 EN 60529 (DIN 40050) with coil fitted by connector.

SPARE PARTS:

1. Coil: See coils list

- 2. Complete armature tube without gasket:
 Code R452908/D
- 3. Gasket O-Ring: Code R990000/V
- 4. Complete nut with gasket O-Ring:
 Code R453321/V
- 5. Complete diaphragm with spring:

G 3/8÷G 1/2 Code R453317/**V** G 3/4 Code R453320/**V**

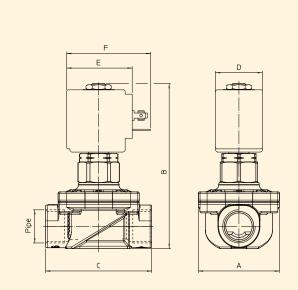
6. Gasekt O-Ring:

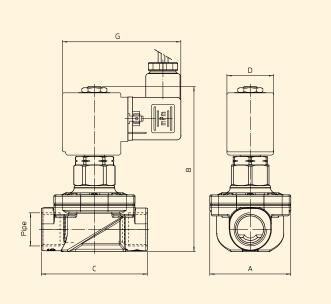
G 3/8÷G 1/2 Code R990105/**V** G 3/4 Code R992103/**V**

MAINTENANCE KIT:

3/8 NPT ÷ 1/2 NPT KTGIH3Z1*V*15=**5+6** 3/4 NPT KTGIH5Z1*V*20=**5+6**

DIMENSIONS:





Туре	Pipe ISO 228/1	A mm	B mm	C mm
21IH3ZI V 150	G 3/8	52	92	68
21IH4ZI V 160	G 1/2	J2		
21IH5ZI V 200	G 3/4	58	100	75

COIL TYPE	POWER ABSORPTION				DIMENSIONS			
	W ===	Hold VA ~	Inrush VA ~	D mm	E mm	F mm	G mm	
В	8	14,5	25	30	42	54	76	