



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

21IN3Z1V150-IH

21IN5Z1V200-IH

### 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

**PIPES:** 3/8 NPT - 3/4 NPT

**COIL:** 8W - Ø 13  
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

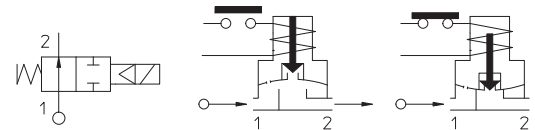
Ambient temperature:

See coils catalogue page for its compatibility.



Gaskets	Temperature		Medium
<b>V</b> =FKM+ PA (fluorelastomer+poliamide)	- 10°C	+140°C	Mineral oils (2°E), gasoline gas oil
<b>B</b> =NBR + PA (nitrile +poliamide)	- 10°C	+ 90°C	Air, gasolin, fuel oils, inert gas,

For seals other than FKM+PA replace the letter "V" with the ones corresponding to the other seals. E.I. 21IN3Z1**B**150-IH.

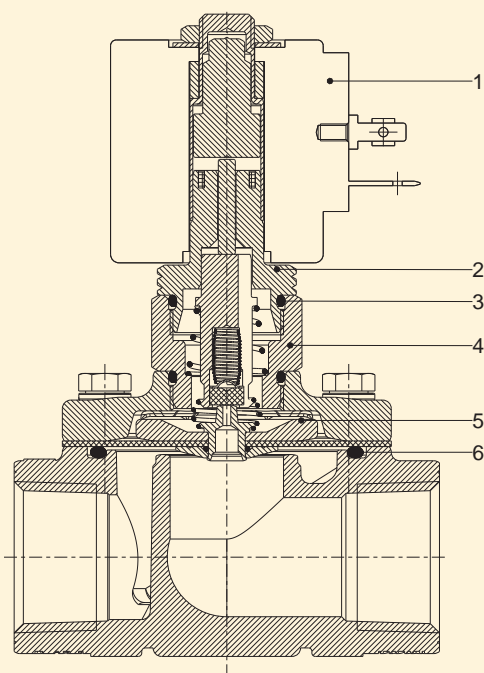


Pipe ANSI/ASME Bl.20.1	Code	Max viscosity		Ø mm	Kv l/mn	Power watt	Pressure		
		cSt	°E				min bar	M.O.P.D.	
3/8 NPT	21IN3Z1V150-IH	12	~ 2	15	30	8	0	10	10
1/2 NPT	21IN4Z1V160-IH			16	40				
3/4 NPT	21IN5Z1V200-IH			20	50				

### Note

Available on request and with minimum quantities.

The "ODE" reserves the right to carry out technical and aesthetic modifications without prior notice.



#### MATERIALS:

**Body**  
**Armature tube**  
**Fixed core**  
**Plunger**  
**Phase displacement ring**  
**Spring**  
**Seal**

Stainless steel AISI 316  
 Stainless steel AISI series 300  
 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

#### Orifice

**On request:**

**Connector**  
**Connector conformity**

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.

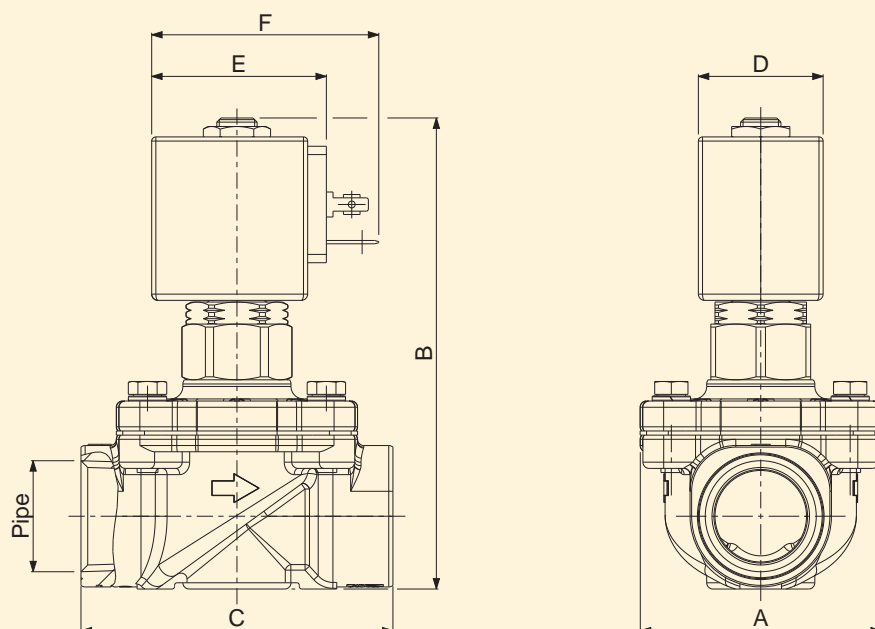
#### SPARE PARTS:

1. **Coil:**  
 See coils list  
 3/8 NPT÷1/2 NPT Code R453317/V  
 3/4 NPT Code R453320/V
2. **Complete armature tube without gasket:**  
 Code R453459/D
3. **Gasket O-Ring:**  
 Code R990000/V
4. **Complete nut with gasket O-Ring:**  
 Code R453321/V
5. **Complete diaphragm with spring:**
6. **Gasekt O-Ring:**  
 3/8 NPT÷1/2 NPT Code R990105/V  
 3/4 NPT Code R992103/V

#### MAINTENANCE KIT:

3/8 NPT ÷ 1/2 NPT  
 KTGIH3Z1 V15=5+6  
 3/4 NPT  
 KTGIH5Z1 V20=5+6

#### DIMENSIONS:



Type	Pipe ANSI/ASME Bl.20.1	A mm	B mm	C mm
21IN3Z1V150-IH	3/8 NPT	52	106	68
21IN4Z1V160-IH	1/2 NPT	58	114	75
21IN5Z1V200-IH	3/4 NPT	58	114	75

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