



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

21IH3K1B150-XS  
÷  
21IH8K1B400-SXS

## PRESENTATION:

Combined operation S.V. for interception of fluids compatible with the construction materials. Components are degreased and silicone free. Minimum operational pressure is not required. The materials used and the tests carried out ensure maximum reliability and duration.

**USE:** Automation - Heating - Chemistry

**PIPES:** G 3/8 - G 1 1/2

**COIL:**

8W - Ø 13	
BDA - BSA	155°C (class F)
BDV	180°C (class H)
12W - Ø 13	
UDA	155°C (class F)
14W - Ø 13	
GDA - GDS	155°C (class F)
GDH - GDV	180°C (class H)

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



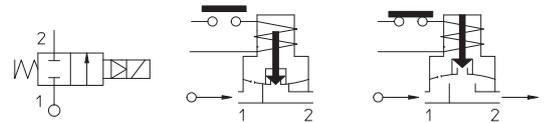
Max. allowable pressure (PS) 16 bar

Ambient temperature:

See coils catalogue page for its compatibility.

Gaskets	Temperatura	Medium
<b>BXS = NBR</b> Silicone free	- 10°C + 90°C	Air, inert gas, water
<b>EXS=EPDM</b> Silicone free	- 10°C +140°C	Water, steam
<b>VXS =FKM</b> Silicone free	- 10°C +140°C	Mineral oils (2°E),gasoline gas oil, fuel oils (7°E)

For seals other than NBR replace the letter "B" with the ones corresponding to the other seals. E.I. 21IH3K1V150-XS.



Pipe ISO 228/1	Codice	Max viscosity		Ø mm	Kv l/mn	Power watt	Pressure		
		cSt	°E				min bar	M.O.P.D. AC bar DC bar	
G 3/8	21IH3K1B150-XS	12	~ 2	15	40	8	0	14	6
						12		-	14
G 1/2	21IH4K1B160-XS	12	~ 2	16	50	8	0	14	6
						12		-	14
G 3/4	21IH5K1B200-XS	12	~ 2	20	60	8	0	14	6
						12		-	14
G 1	21IH6K1B250-XS	12	~ 2	25	140	8	0	14	3
						12		-	14
G 1 1/4	21IH7K1B350-XS	12	~ 2	35	300	14	0	14	-
	21IH7K1B350-SXS				250			-	7
G 1 1/2	21IH8K1B400-XS	12	~ 2	40	320	14	0	14	-
	21IH8K1B400-SXS				250			-	7



**CE Approval**

(Pressure Equipment Directive 97/23/CE)

for S.V. 21IH7÷21IH8...SXS

**Note** Available on request and with minimum quantities.

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

## MATERIALS:

<b>Body</b>	Stainless steel AISI 316
<b>Armature tube</b>	Stainless steel AISI 316
<b>Fixed core</b>	Stainless steel AISI series 400
<b>Plunger</b>	Stainless steel AISI series 400
<b>Phase displacement ring</b>	Gold plated copper
<b>Spring</b>	Stainless steel AISI series 300
<b>Seal</b>	Standard: BXS=NBR On request: VXS=FKM EXS=EPDM
<b>Orificie</b>	Stainless steel AISI 316

## On request:

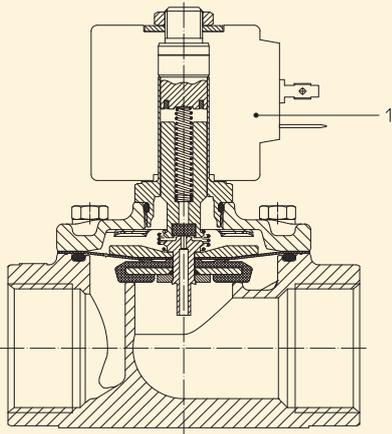
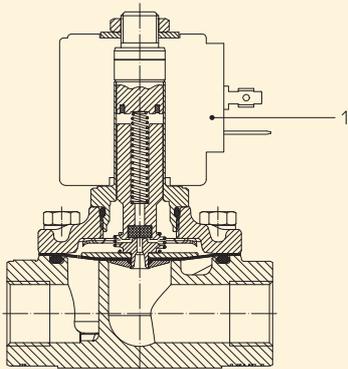
<b>Connector</b>	Pg 9 o Pg 11
<b>Connector conformity</b>	ISO 4400

## FEATURES:

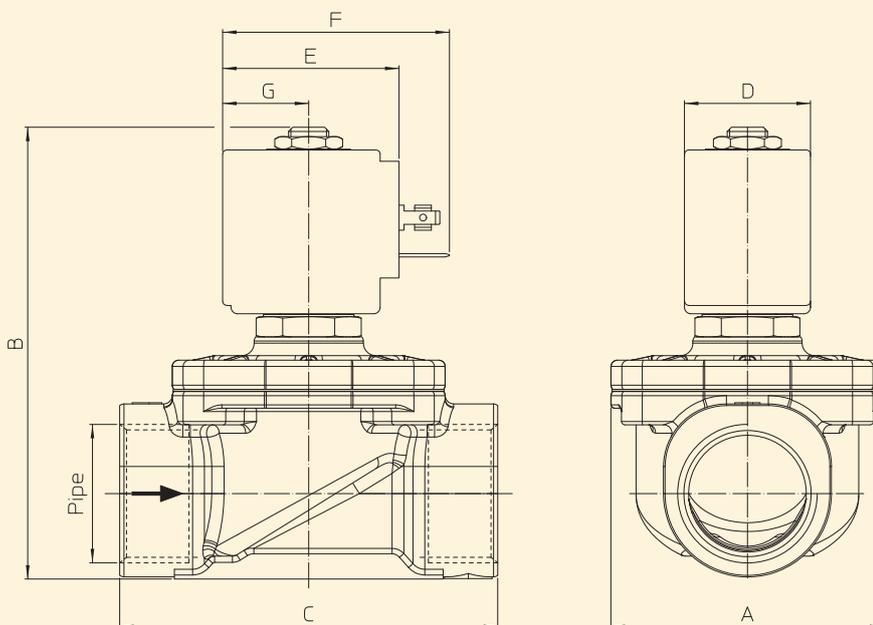
<b>Electrical conformity</b>	IEC 335
<b>Protection degree</b>	IP 65 EN 60529 (DIN 40050) with coil fitted by connector.

## SPARE PARTS:

- Coil:**  
See coils list



## DIMENSIONS:



Tipo	Raccordo ISO 228/1	A mm	B mm	C mm	BOBINA TIPO	POTENZA			DIMENSIONI			
						W ---	Esercizio VA ~	Allo spunto VA ~	D mm	E mm	F mm	G mm
21IH3K1B150-XS	G 3/8	52	92	68	B	8	14,5	25	30	42	54	20,5
21IH4K1B160-XS	G 1/2											
21IH5K1B200-XS	G 3/4	58	100	75	U	12	23	35	36	48	60	23,5
21IH6K1B250-XS	G 1	65	109	90								
21IH7K1B350-XS	G 1 1/4	94	126	128	G	14	27	43	52	55	67	25
21IH7K1B350-SXS												
21IH8K1B400-XS	G 1 1/2											
21IH8K1B400-SXS												