

GENERAL CHARACTERISTICS

Mediums suitable: water, air, inert gas, light oil and other noncorrosive fluids compatible with the brass, viscosity until 2°E. Other existing versions for use for gas cut and petroleum fuels of 2 to 7°E.

FUNCTIONS

2/2 track N.C. (normally closed) of direct action, servo piloted (by membrane), of quasi-in-rem action and to piston with threaded ends of 1/8 " to 2 ".

2/2 track N.A. (normally opened) of piloted servo direct action or (by membrane) with threaded ends of 1/2 " to 2 ".

MATERIALS

Body of the valve: printed brass OT58 - UNI 5705.

Elements from closing (together, tablet, membrane): NBR (N), Vitón (V), propilen Ethylene (H), Ruby (R), Teflón (T).

Tube guides of the nucleus: stainless steel. AISI 304.

Nucleus (fixed or movable): stainless steel. AISI 430 FR.

Nucleus Spring: stainless steel AISI 302.

Welding Material: silver alloy (56% Ag)

Fixation Ring: Cupper (98% Co) tropicalized.

Fixing Screws: zinc-coated steel C 35 B.

INSTALLATION

Electro valves can work regularly in any position. The invested installation is not recommended, to avoid the possible accumulation of impurities inside the tube guides.

PRESENTATION

Most of electro valves are provided with the mechanical part (PM) and the coil separated.

CONNECTION

Connections according to norm UNI-ISO 7/1 with thread type "G" for all the models with the exception of the 131,4 whose spiral is type "R".

Connection	Thread	Pressure	Max Pressure	Kv	Valve series	Coil Type	Coil power	Temperature	Material	Weight	Fig				
R	Ø	min.	difer. (M.O.P.D)												
									Medium						
(")	(mm)	(bar)	~	=	(m³/h)	CA	CC	CA	CC	min.	máx. (°C)	Housing	Seal	(Kg)	
2/2 NC – NORMALLY CLOSED – MEMBRANE ASSISTANCE CONTROLLED															
3/8	13	0,1	20	20	3,00	133IN	ZB09	ZB12	9	12	-10 +90	OT	N	0,550	4
1/2	13	0,1	20	20	3,00	133AN	ZB09	ZB12	9	12	-10 +90	OT	N	0,580	4
3/4	20	0,1	20	20	8,40	133CN	ZB09	ZB12	9	12	-10 +90	OT	N	1,020	4
1	25	0,1	20	20	9,60	133DN	ZB09	ZB12	9	12	-10 +90	OT	N	1,080	4
1-1/4	35	0,1	10	10	25,20	133.2EN	ZB09	ZB12	9	12	-10 +90	OT	N	3,150	4
1-1/2	40	0,1	10	10	30,00	133.2FN	ZB09	ZB12	9	12	-10 +90	OT	N	2,900	4
2	50	0,1	10	10	37,20	133GN	ZB09	ZB12	9	12	-10 +90	OT	N	4,300	4
3 NPT	76	0,5	12	12	86,20	133M	ZB09	ZB12	9	12	-10 +90	OT	N	17,400	4 bis
3/8	13	0,5	16	16	2,00	168.1IN	ZB09	ZB12	9	12	-10 +90	OT	N	0,550	5
1/2	13	0,5	16	16	2,50	168.1AN	ZB09	ZB12	9	12	-10 +90	OT	N	0,580	5
3/4	20	0,5	16	16	7,00	168.1CN	ZB09	ZB12	9	12	-10 +90	OT	N	1,020	5
1	25	0,5	16	16	8,00	168.1DN	ZB09	ZB12	9	12	-10 +90	OT	N	1,080	5
3/8	13	0,35	15	15	3,00	173IN	WB4,5	WB5,0	4,5	5	-10 +90	OT	N	0,435	6
1/2	13	0,35	15	15	3,50	173AN	WB4,5	WB5,0	4,5	5	-10 +90	OT	N	0,410	6

Series	ØG (")	A (mm)	B (mm)	C (mm)	D (mm)
133 IN	3/8	69	92,5	40	37,5
133 AN	1/2	72	94,5	40	37,5
133 CN	3/4	100	100,0	65	37,5
133 DN	1	104	105,5	65	37,5
133.2EN	1-1/4	145	127,0	102	37,5
133.2 FN	1-1/2	145	127,0	102	37,5
133 GN	2	173	141,0	118	37,5
133 M	3 NPT	225	295,0	112	37,5

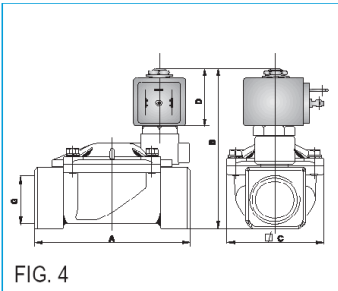


FIG. 4

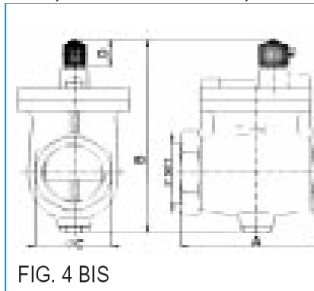


FIG. 4 BIS



Technical Data subject to change without prior advice