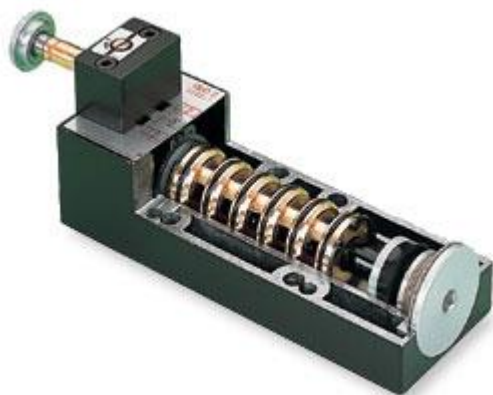


## PNEUMATIC VALVES

### VALVES SERIES ISO 5599/1



ISO series balanced spool valves are made in compliance with ISO 5599/1 Standards. The respect of these rules guarantees interchangeability and great flexibility.

They are available with electrical and pneumatic operation, with size ISO1 and ISO2. The body is made of die-casted zamak while the spool is of anodized aluminium.

Mounting is possible on multiple sub-bases.

### TECHNICAL DATA

#### FLOW RATES

SIZE	FLOW RATE NI/Min.				
	510	600	720	840	960
ISO 1	510	600	720	840	960
ISO 2	880	1080	1320	1560	1780
Pressure bar	3	4	5	6	7

#### CONSTRUCTIVE FEATURES

<b>Sizes</b>	ISO 1 - ISO 2
<b>Ways</b>	5/2 - 5/3
<b>Functions</b>	Pneumatic- Solenoid
<b>Body</b>	Die-casted zamak
<b>Spool</b>	Rolled and chemical nickel plated
<b>Seals</b>	Nitrile rubber NBR
<b>Fixing</b>	On multiple sub-bases
<b>Electrical pilot with manual operator</b>	Stable positions

#### TECHNICAL DATA

Denomination	Sizes	
	ISO 1	ISO 2
<b>Nominal diametermm.</b>	5	8
<b>Operating pressure</b>	1÷10 bar	1÷10 bar
<b>Minimum pilot pressure</b>	2 bar	2 bar
<b>Temperature range</b>	-10°C ÷ +70°C	
<b>Fluid</b>	Filtered air	
<b>Lubrication</b>	With or without lubrication	
<b>Lubricant</b>	Compatible with NBR (3° ÷ 10° E) class H	

#### ELECTRICAL FEATURES

	Version 5 W
<b>Power consumption</b>	5 W
<b>DC voltages</b>	24-48-110 V

<b>AC voltages</b>	12-24-48-110-220 V - 50:60 Hz
<b>Duty cycle</b>	100%
<b>Permissible voltage fluctuation</b>	-10%; +15%
<b>Protection</b>	IP-65 DIN 43650 PG 9
<b>connector</b>	2 positions 180°

**PNEUMATIC OPERATED**



	SYMBOL	Size ISO	Ways	Weight g	Model
SINGLE STABLE POSITION PNEUMATIC PILOT RETURN BY PNEUMATIC SPRING		1	5/2	450	DI 131B10
		2	5/2	650	DI 132B10
DOUBLE STABLE POSITIONS PNEUMATIC PILOT		1	5/2	450	DI 131B20
		2	5/2	650	DI 132B20
CLOSED CENTERS PNEUMATIC PILOT		1	5/3	460	DI 511B20
		2	5/3	660	DI 512B20
OPEN CENTERS PNEUMATIC PILOT		1	5/3	460	DI 531B20
		2	5/3	660	DI 532B20



## SOLENOID OPERATED



	SYMBOL	Size ISO	Ways	Weight g	Model
SINGLE STABLE POSITION SOLENOID PILOT RETURN BY PNEUMATIC SPRING		1	5/2	500	EI 131 B1 A/E
		2	5/2	700	EI 132 B1 A/E
DOUBLE STABLE POSITIONS SOLENOID and PNEUMATIC PILOT		1	5/2	500	EI 131 B3 A/E
		2	5/2	700	EI 132 B3 A/E
DOUBLE STABLE POSITIONS SOLENOID PILOT		1	5/2	550	EI 131 B2 A/E
		2	5/2	750	EI 132 B2 A/E
CLOSED CENTERS SOLENOID PILOT		1	5/3	560	EI 511 B2 A/E
		2	5/3	760	EI 512 B2 A/E
OPEN CENTERS SOLENOID PILOT		1	5/3	560	EI 531 B2 A/E
		2	5/3	760	EI 532 B2 A/E