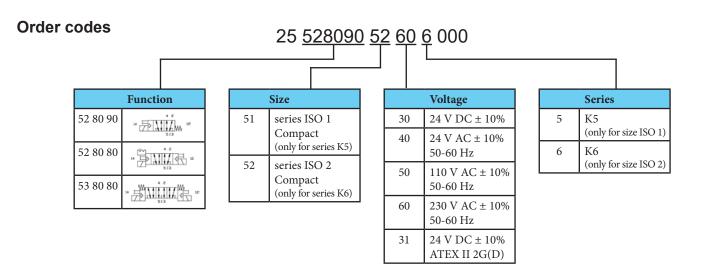


Our new soleniod actuated valve series KI is based on the classic ISO series, but has higher flow rate and is also highly economical, compared to the ISO 5599/1 Compact series. Air pilot is used for valve actuating, so it is an indirectly actuated valve. The valves are mounted on base plates standardized according to ISO. The coils and pilot valves are common with the K series. Coil can be rotated to best suit the application. Valves can be used on the base plate individually or mounted as a group assembly.

Valves of the KI ISO 5599/1 Compact series contain a spool ans slide assembly, which guarantees a long service life of the valve.

Series	KI ISO 1 Compact	KI ISO 2 Compact	
Flow capacity [Nl/min]	1200	2800	
Working pressure [MPa]	0.15 to 1.0 (vacuum up to 2.1 MPa when external air pilot supply is used)		
Pilot pressure range [MPa]	0.15 to 1.0		
Power input [W, VA] (standard coils)	3W for DC voltage, 7.5VA inrush and 5VA hold for AC voltage		
Response time energize / de-energize [ms]	20 / 35		
Temperature range [°C]	medium temperature max. 50, ambient temperature -20 to +50		
Enclosure (standard coils)	IP65 with sealed and fastened connector		



#### Construction / materials

- body: aluminium alloy
- $\bullet\,$  spool and sleeve assembly: hardened stainless steel
- main valve sealing: NBR
- pilot valve sealing: Viton®

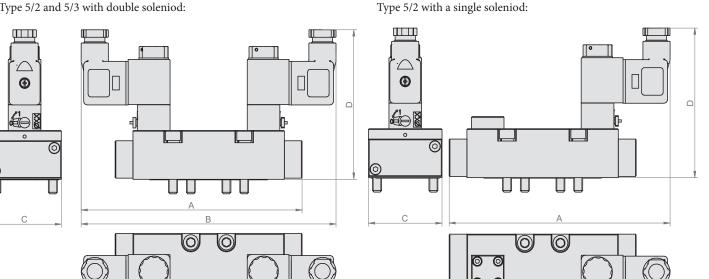






#### **Dimensions**

Type 5/2 and 5/3 with double soleniod:



Series	Function	A	В	C	D	Weight [kg]
KI ISO 1 Compact	528090	136	_	42	95	0,42
	528080 538080	136	164	42	95	0,50
KI ISO 2 Compact	528090	149	-	49,5	98	0,60
	528080 538080	149	172	49,5	98	0,68

# Pilot valve for valve series K

Order code	Part	Working pressure [MPa]	Weight [kg]
2532 8090 0000 0004	Pilot	0 to 1	0.027
N230-363	Connector type 22	_	0.024
N540270	Nut	_	0.002



# Coils for valve series K

# Standard coils type 22

Order code	Voltage	Coil type	Weight [kg]
2500 8181 0030 0013	24V DC	DIN 43650B	0.06
2500 8181 0040 0010	24V 50-60 Hz	DIN 43650B	0.06
2500 8181 0060 0009	230V 50-60 Hz	DIN 43650B	0.06
PMVSC220-COA110	110V 50-60 Hz	DIN 43650B	0.06



Notice: The connector is fastened with a M3 screw with a maximum torque of 0.4 to 0.6 Nm

# Coil type 22 with ATEX 🐼 certification

Order code	Voltage	Cable length [m]	Weight [kg]
2500 8181 0030 0014	24V DC	5	0.46

**(E)** II 2G Ex mb IIC T5 Gb 

U=24V DC  $\pm 10\%$ I=125 mA

P=3W

Ta=-20°C to +50°C