

## SAV 240.56

## MAGNETIC CORES MADE OF NdFeB

Polymer-bonded, with high rated holding force

### DESIGN

Polymer-bonded neodymium iron boron magnets are not sintered like other magnets, but the magnetic powder is mixed with epoxy resin and hot-pressed in moulds.

We can machine the compression-moulded standard magnets to customer specifications while demagnetised.

Max. service temperature: 80 °C

Remanence: approx. 680 mT

Tolerance range: ±0.1 to 0.2 mm

### MAGNET MATERIAL

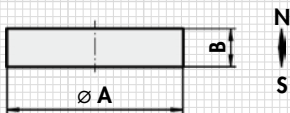
Neodymium iron boron,  $Nd_2Fe_{14}B$   
Polymer-bonded, isotropic magnetising

### FASTENING OPTION

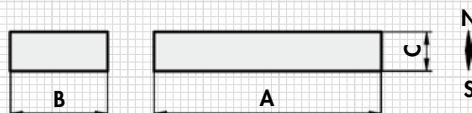
Glueing, pressing



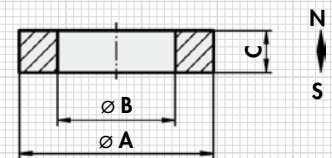
Disc magnets MK 60



Cuboid magnets MK 61



Ring magnets MK 62



Disc magnets MK 60:

Type	mm		kg
	A	B	
MK 60 - 02 - 05	2	5	0.1
MK 60 - 03 - 10	3	10	0.4
MK 60 - 04 - 10	4	10	0.8
MK 60 - 05 - 10	5	10	1.2
MK 60 - 06 - 02	6	2	0.3
MK 60 - 06 - 10	6	10	1.7
MK 60 - 08 - 03	8.5	3	1.0
MK 60 - 10 - 05	10	5	2.0
MK 60 - 10 - 10	10	10	5.0
MK 60 - 13 - 05	12.5	5	4.0
MK 60 - 13 - 10	12.5	10	7.0
MK 60 - 15 - 03	15	3	3.0
MK 60 - 20 - 08	20	7.7	15.0
MK 60 - 25 - 05	25	5	15.0

Cuboid magnets MK 61:

Type	mm			kg
	A	B	C	
MK 61 - 05 - 05 - 02	5	5	2	0.3
MK 61 - 10 - 05 - 05	10	5	5	2.0
MK 61 - 24 - 12 - 10	24	12	10	18.0
MK 61 - 50 - 10 - 10	50	10	10	30.0
MK 61 - 50 - 12 - 10	50	12	10	36.0
MK 61 - 30 - 30 - 10	30	30	10	54.0

Ring magnets MK 62:

Type	mm			kg
	A	B	C	
MK 62 - 26 - 22 - 05	26	22	5	5.0
MK 62 - 30 - 16 - 05	30	16	5	15.0
MK 62 - 35 - 21 - 05	35	21	5	18.0
MK 62 - 35 - 21 - 10	35	21	10	37.0

### NOTE:

The magnetic capacity is not weakened even in case of strong opposing fields.

Can be used without surface protection under normal ambient temperatures at a relative humidity of up to 50% (no condensation).

Custom dimensions not possible.

### ORDERING EXAMPLE

Designation SAV no. - type

Magnetic core SAV 240.56 - MK 60 - 02 - 05