

## PERMANENT LIFTING MAGNETS

SAV 531.03

### Intended use:

Lifting and handling loads up to 500 kg  
Pneumatically actuated permanent magnets for individual use.

### Features:

- Powerful permanent lifting magnet with a pneumatic cylinder
- Compressed air only needed for switching the magnet ON of OFF
- V-shaped pole shoes for handling both flat and round components
- Removable lifting eye
- Supplied without hoses and pneumatic control unit
- Switches to detect the ON and OFF position available on request

### Applications:

- Handling of flat and round material in the warehouse
- Loading and unloading of machine tools
- In handling devices and on robot arms



Model		NEO-AIR 250	NEO-AIR 500
Lifting capacity*			
- Flat material	kg	250	500
- Round material	kg	125	250
Tested break-away force	daN	750	1500
Diameter min./max.	mm	ø60 / ø200	ø60 / ø200
Length x Width	mm	152 x 120	296 x 120
Height Magnet	mm	185	185
Height incl. cylinder	mm	285	285
Height to the crane hook	mm	365	365
Minimum air pressure	bar	4	4
Connecting thread	G	1/8"	1/8"
Weight	kg	25	47



\* Nominal lifting capacity: Maximum weight for steel parts S235JR with smooth contact surfaces and of sufficient size and thickness.

Ordering example: Permanent lifting magnet SAV 531.03 - NEO-AIR 250  
Designation SAV - No. - Model

## PERMANENT-MAGNETIC PLATE LIFTER

SAV 531.92

### Intended use:

This magnet is used to lift, transport and move sheet metal plates.

### Applications:

Very high lifting force, approx. 85 times own weight.  
Stable housing. Safety according GS standard.

Nominal lifting force*	daN	60**	120*	170*	300*
Break-away force	daN	60*	240*	340*	600*
Drag force	daN	20	70	100	180
Length	mm	160	140	140	160
Width	mm	150	84	116	180
Weight	kg	1,4	1,4	1,8	3,5

\* measured for drawn material St 37 K, thickness 25mm

\*\* Plastic housing



Ordering example: Permanent-Magnetic-Plate Lifter SAV 531.92 - 300  
Designation SAV - No. - Nominal lifting force