

## SAV 531.01 PERMANENT LIFTING MAGNETS

### APPLICATION

For lifting and transporting loads up to 2000 kg. Manually actuated magnets for individual use.

### SPECIAL FEATURES

- Powerful neodymium magnets offer maximum carrying capacity on uneven and rough contact surfaces.
- SAV lifting magnets are tested individually and delivered with a test certificate.
- The pull-off force is at least triple the carrying capacity
- The carrying capacity for round materials is at least 50 % of the load bearing capacity for flat materials
- Easy-to-operate lever with safety interlock
- Compact, robust and reliable

### APPLICATIONS

- Loading and unloading of machine tools
- Handling of bars and profiles in the warehouse
- Handling of panels, tubes, bars and profiles in steel construction



Model 150:  
Milling machine loading and unloading



Model 300:  
Cast part on machining centre



Model 1200:  
Solid round material



Model 2000:  
Heavy component

| Model                    |    | 150     | 300       | 600       | 1200      | 2000      |
|--------------------------|----|---------|-----------|-----------|-----------|-----------|
| Rated carrying capacity* |    |         |           |           |           |           |
| ▪ Flat materials         | kg | 150     | 300       | 600       | 1200      | 2000      |
| ▪ Round materials        | kg | 65      | 150       | 300       | 600       | 1000      |
| Minimum thickness        | mm | 2       | 4         | 6         | 10        | 15        |
| Min./max. diameter       | mm | 40/100  | 60/200    | 65/270    | 100/300   | 150/350   |
| Length x width           | mm | 93 x 60 | 152 x 100 | 246 x 120 | 306 x 146 | 480 x 165 |
| Height to crane hook     | mm | 110     | 164       | 164       | 216       | 253       |
| Weight                   | kg | 2.6     | 10.0      | 20.0      | 40.0      | 90.0      |

\* Rated carrying capacity:  
Maximum weight for parts made of steel S235JR with polished contact surface, sufficient size and thickness.  
The carrying capacity varies with the material, strength, size and surface quality.

### ORDERING EXAMPLE

| Designation              | SAV no. - model  |
|--------------------------|------------------|
| Permanent lifting magnet | SAV 531.01 - 150 |