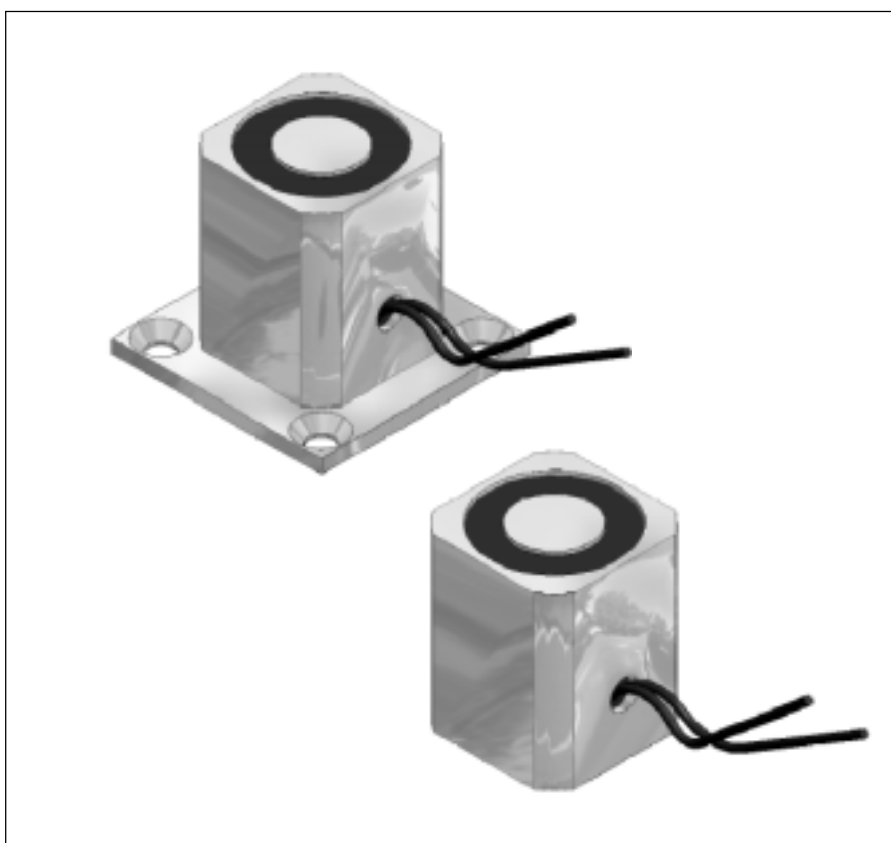


□ 20 mm Electromagnets

The DICTATOR electromagnets go into the most different applications. Apart from magnets for the use on fire protection doors Dictator magnets are used amongst others in the machine construction sector (e.g. blocking of access doors to machining centres with feed-back-contact) or the building sector (e.g. to keep windows or flaps locked/opened).

One of the most important features of the DICTATOR electromagnets is their low power consumption combined with the highest possible force.

The smallest magnet of the DICTATOR magnet line is the EM GD 20. Due to its very small dimensions (□ 20 mm) it can be placed unobtrusively also in applications with restricted space. In order to facilitate its installation the magnet EM GD 20 is furnished in 2 designs: one with mounting plate and one without (it is provided with a threaded hole at the bottom of the magnet).



Technical Data

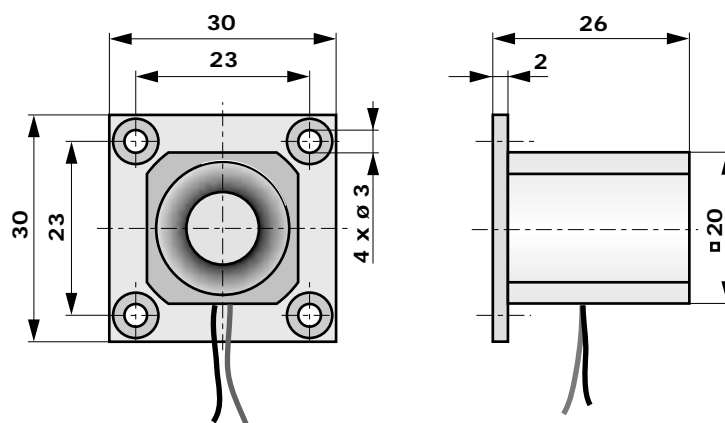
Voltage	24 V DC \pm 10 %
Power consumption	67mA (1,6 W)
Duty cycle	100 %
Temperature range	-20°C to +60°C
Force	130 N
Remanence	max. 10 N
Finish	zinc-plated
Protection	IP 20
Electrical connection	cable, length 240 mm

Installation

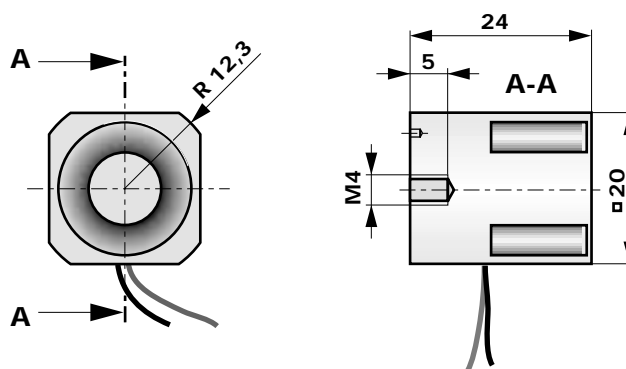
In order to achieve the maximum force of the magnet, the counterplate AP GD 25 for the magnet has to be used together with the magnets. On demand it can also be supplied without its mounting plate. When fixing the counter plate make sure it completely covers the magnet.

Dimensions

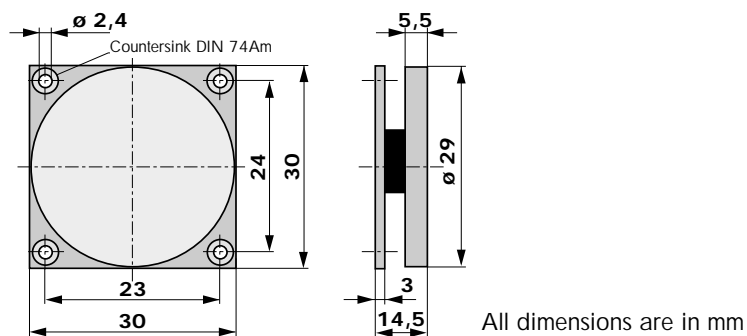
EM GD 20 B 26 Electromagnet



EM GD 20 A 24 Electromagnet



Counter plate AP GD 25 G15



All dimensions are in mm

Order Information

EM GD 20 A 24 Electromagnet	Force 130 N	Part no. 040 380
EM GD 20 B 26 Electromagnet	Force 130 N	Part no. 040 381
AP GD 25 G 15 Counter plate		Part no. 040 024