



## Magnetic grippers

HGR-RO-020-FL-R-M-F

Article number: TPGC020018

## Product Features

<b>Description</b>	Magnetic gripper
<b>Article number</b>	TPGC020018
<b>Product key</b>	HGR-RO-020-FL-R-M-F
<b>Size</b>	Ø20 mm
<b>Switching</b>	Pneumatic
<b>Advised working load</b>	3.3 N (under ideal conditions - with safety factor 3 acc. EN13155)
<b>Max. tear off force</b>	10 N (under ideal conditions - Graph: see Downloads tab - Factors influencing lifting capacity: see /solutions/magnetic-handling)
<b>Min. advised sheet thickness</b>	0,5 mm
<b>Interface/connection dim's</b>	Threaded hole M6
<b>Connections</b>	Pneumatic: M5 (2x)
<b>Material housing</b>	AISI316 (SS 1.4401)
<b>Min./max. ambient temperature</b>	0 to 70 °C
<b>Switching pressure</b>	4 bar (recommended), 6 bar (max.)
<b>Magnetic system</b>	Coarse pole, 2 Permanent magnet poles
<b>Magnet quality</b>	Neodymium GSN-35, Br 11,200 gauss (at 20 °C), Tmax. 80 °C
<b>Diameter</b>	20 mm
<b>Height</b>	35 mm
<b>Weight</b>	0.07 kg
<b>Type</b>	Basic
<b>Air consumption</b>	0.0172 l/cycle (1x up, 1x down)