



Magnetic grippers

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

SKU: TPGC020018

Product Features

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

Visit our website for specifications, drawings, documentation, accessories, spare parts and more

<https://www.goudsmitmagnets.com/solutions/magnetic-handling/lifting-handling-magnets/magnetic-grippers.html?sku=TPGC020018>

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