



Magnetic grippers

HGR-SQ-040-FP-R-M-S

Article number: TPGC040088

Product Features

Description	Magnetic gripper
Article number	TPGC040088
Product key	HGR-SQ-040-FP-R-M-S
Size	40 mm
Switching	Pneumatic: 2 compressed air connections or., 1 vacuum connection: see 'Gripper connection for vacuum control' (Document tab)
Including	Vulcanized friction pad for extra grip and product protection
Advised working load	47 N (under ideal conditions - with safety factor 3 acc. EN13155)
Max. tear off force	140 N (under ideal conditions - Graph: see Downloads tab - Factors influencing lifting capacity: see /solutions/magnetic-handling)
Min. advised sheet thickness	2 mm
Interface/connection dim's	Threaded hole M5 (4x), Threaded hole M8
Connections	Pneumatic: M5 (2x)
Material friction pad/ring	NBR 60° Shore A
Material housing	Aluminium, AISI316L (SS 1.4404) (screw cap)
Surface treatment/finishing	Anodized
Colour	Red
Min./max. ambient temperature	0 to 70 °C
Switching pressure	4 bar (recommended), 6 bar (max.), Vacuum pressure -0.3 bar (switch on)
Magnetic system	4 Permanent magnet poles
Magnet quality	Neodymium GSN-45, Br 13,700 gauss (at 20 °C), Tmax. 80 °C
Depth	46 mm
Width	46 mm
Height	63 mm
Weight	0.23 kg
Type	Friction type
Air consumption	0.160 l/cycle (1x up, 1x down)