



Magnetic grippers

HGR-SQ-100-FP-R-G-S

Article number: TPGC100088

Product Features

Description	Magnetic gripper
Article number	TPGC100088
Product key	HGR-SQ-100-FP-R-G-S
Size	100 mm
Switching	Pneumatic
Including	Vulcanized friction pad for extra grip and product protection
Advised working load	390 N (under ideal conditions - with safety factor 3 acc. EN13155)
Max. tear off force	1180 N (under ideal conditions - Graph: see Downloads tab - Factors influencing lifting capacity: see /solutions/magnetic-handling)
Min. advised sheet thickness	3 mm
Interface/connection dim's	Threaded hole M6 (8x), Threaded hole M10
Connections	Pneumatic: G1/4" (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	Max. 4 bar
Magnetic system	8 Permanent magnet poles
Magnet quality	Neodymium GSN-45, Br 13,700 gauss (at 20 °C), Tmax. 80 °C
Depth	106 mm
Width	106 mm
Height	71 mm
Weight	1.5 kg
Type	Friction type
Air consumption	1.352 l/cycle (1x up, 1x down)