



Magnetic grippers

HGR-SQ-024-FL-R-M-F

Article number: TPGC024078

Product Features

Description	Magnetic gripper
Article number	TPGC024078
Product key	HGR-SQ-024-FL-R-M-F
Size	24 mm
Switching	Pneumatic: 2 compressed air connections or., 1 vacuum connection: see 'Gripper connection for vacuum control' (Document tab)
Advised working load	11 N (under ideal conditions - with safety factor 3 acc. EN13155)
Max. tear off force	34 N (under ideal conditions - Graph: see Downloads tab - Factors influencing lifting capacity: see /solutions/magnetic-handling)
Min. advised sheet thickness	1 mm
Interface/connection dim's	Threaded hole M5 (4x)
Connections	Pneumatic: M5 (2x)
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	2 Permanent magnet poles
Magnet quality	Neodymium GSN-52, Br 14,800 gauss (at 20 °C), Tmax. 80 °C
Depth	24 mm
Width	24 mm
Height	63 mm
Weight	0.1 kg
Type	Basic
Air consumption	0.052 l/cycle (1x up, 1x down)