



Magnetic grippers

HGR-SQ-160-FL-F-G-S

Article number: TPGC160078

Product Features

Description	Magnetic gripper
Article number	TPGC160078
Product key	HGR-SQ-160-FL-F-G-S
Size	160 mm
Switching	Pneumatic
Advised working load	1170 N (under ideal conditions - with safety factor 3 acc. EN13155)
Max. tear off force	3500 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 M8 (8x), Threaded hole M12
Connections	Pneumatic: G $\frac{1}{4}$ " (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	Max. 4 bar
Magnetic system	12 Permanent magnet poles
Magnet quality	Neodymium GSN-45, Br 13,700 gauss (at 20 °C), Tmax. 80 °C
Depth	170 mm
Width	170 mm
Height	103 mm
Weight	5.7 kg
Type	Basic
Air consumption	5.208 l/cycle (1x up, 1x down)