



## Magnetic grippers

HGR-SQ-070-FL-RH-G-F

Article number: TPGC070378

## Product Features

<b>Description</b>	Magnetic gripper
<b>Article number</b>	TPGC070378
<b>Product key</b>	HGR-SQ-070-FL-RH-G-F
<b>Size</b>	70 mm
<b>Specific application</b>	Suitable for high temperatures
<b>Switching</b>	Pneumatic: 2 compressed air connections or; 1 vacuum connection: see 'Gripper connection for vacuum control' (Document tab)
<b>Advised working load</b>	140 N (under ideal conditions - with safety factor 3 acc. EN13155)
<b>Max. tear off force</b>	420 N (under ideal conditions - Graph: see Downloads tab - Factors influencing lifting capacity: see /solutions/magnetic-handling)
<b>Min. advised sheet thickness</b>	2 mm
<b>Interface/connection dim's</b>	Threaded hole M6 (8x), Threaded hole M10
<b>Connections</b>	Pneumatic: G1/8" (2x)
<b>Material housing</b>	Aluminium, AISI316L (SS 1.4404) (screw cap)
<b>Surface treatment/finishing</b>	Nickel plated
<b>Colour</b>	Grey
<b>Min./max. ambient temperature</b>	0 to 120 °C
<b>Switching pressure</b>	Max. 4 bar, Vacuum pressure -0.3 bar (switch on)
<b>Magnetic system</b>	6 Permanent magnet poles
<b>Magnet quality</b>	Neodymium GSN-38EH, Br 12,600 gauss (at 20 °C), Tmax. 180 °C
<b>Depth</b>	70 mm
<b>Width</b>	70 mm
<b>Height</b>	70 mm
<b>Weight</b>	0.8 kg
<b>Type</b>	High temp.
<b>Air consumption</b>	0.568 l/cycle (1x up, 1x down)