





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 Pneumatic: 2 compressed air connections or:,1 vacuum connection: see **Switching** 'Gripper connection for vacuum control' (Document tab) Vulcanized friction pad for extra grip and product protection Including 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 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 **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 0.160 l/cycle (1x up, 1x down) Air consumption