

Magnetic gripper

SGM-HP 40x121

Part no.:10.01.17.00566

<https://www.schmalz.com/10.01.17.00566>

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Magnetic gripper for handling metal sheets with holes

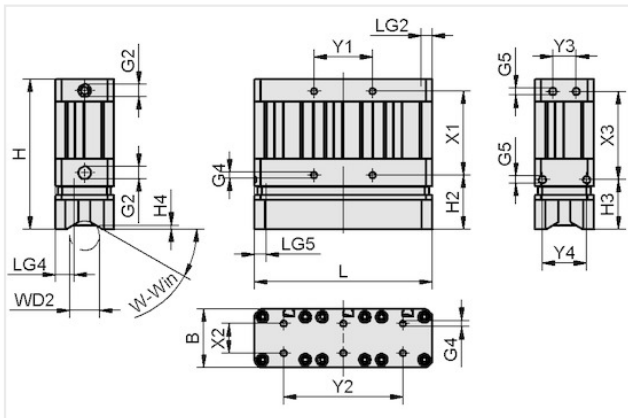


Size: 40x121

Pressure range (operating pressure): 2.5 ... 6.0 bar

Holding force (max.): 1,070 N

Design Data



Attribute	Value
B	40 mm
G2	G1/8"-F
G4	M5-F
G5	M6-F
H	101.70 mm
H2	36.70 mm
H3	33.60 mm
H4	2.60 mm
LG2	6 mm
LG4	7 mm
LG5	6.50 mm
WD2	63 mm
X1	57 mm
X2	20 mm
X3	60 mm
Y1	40 mm
Y2	81 mm
Y3	16 mm
Hole spacing Y4	30 mm

Contact Schmalz

Schmalz GmbH | Commerz Park West 1, 4061 Pasching, Austria | +43 7229 24 24 4 | schmalz@schmalz.at

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Technical Data

Attribute	Value
Sheet thickness opt f. holding force max.	4 mm
Holding force (max.)	1070 N
Remaining force	1.80 N
Pressure range (operating pressure)	2.5 ... 6.0 bar
Installation position	BEL
Control valve	Bistable
Operating temperature	5 ... 70 °C
Weight	1500 g

Accessories



UMR-SET SGM-HP 3RR

Part no.:10.01.17.00662

Construction use: Magnetic gripper SGM-HP



HTS-A2 SGM-HP 40x121 OP

Part no.:10.01.17.00570

Connection 1: Bolt with slot Ø19mm

Construction use: SGM-HP

Size: 40x121

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HTS-A3 SGM-HP 40x121 OP

Part no...:10.01.17.00546

Connection 1: Ball head 28.5 mm

Construction use: SGM-HP

Size: 40x121



HTS-A5 SGM-HP 40x121 OP

Part no...:10.01.17.00559

Connection 1: Ball head 32 mm

Construction use: SGM-HP

Size: 40x121



HTS-A2 EW SGM-HP 40x121 OP

Part no...:10.01.17.00591

Connection 1: Bolt with slot $\varnothing 19$ mm

Construction use: SGM-HP

Size: 40x121

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HTS-A3 EW SGM-HP 40x121 OP

Part no...:10.01.17.00590

Connection 1: Ball head 28.5 mm

Construction use: SGM-HP

Size: 40x121



HTS-A5 EW SGM-HP 40x121 OP

Part no...:10.01.17.00589

Connection 1: Ball head 32 mm

Construction use: SGM-HP

Size: 40x121



NAEH-SCHA SMAGN-PNP S051

Part no...:10.01.17.00199

Construction shape vacuum switch: Magn. cylind. sensor - PNP

Voltage DC: 15-30V DC

Electrical connection: Male connect M12, 4 pol

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NAEH-SCHA SMAGN-NPN S050

Part no...:10.01.17.00215

Construction shape vacuum switch: Magn. cylind. sensor - NPN

Voltage DC: 12-30V DC

Electrical connection: Male connect M12, 4 pol



STV-GE G1/8-AG 6

Part no...:10.08.02.00204

Thread G1: G1/8"-M

Hose diameter: 6 mm

Material: Brass

Operating temperature: -20 ... 80 °C

External diameter D: 11.4 mm

Length L: 16.4 mm



STV-W G1/8-AG 6

Part no...:10.08.02.00158

Thread G1: G1/8"-M

Hose diameter: 6 mm

Material: Nickel plated

Operating temperature: -20 ... 80 °C

Length L: 20.1 mm

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VSL 6-4 PU MI-TR

Part no.:10.07.09.00002

External diameter D: 6 mm

Internal diameter d: 4 mm

Length max.: 500 m

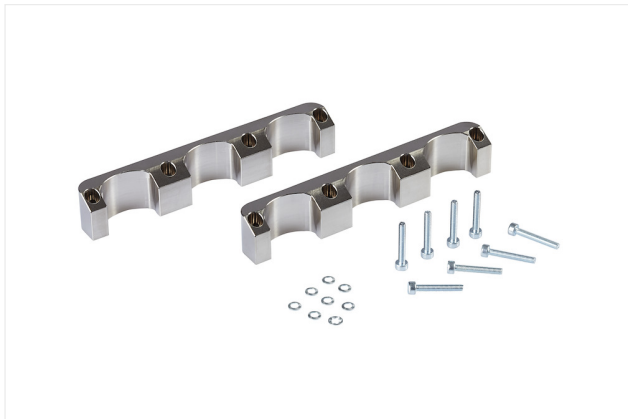
Material hose: PU

Bending radius min.: 35 mm

Pressure range (operating pressure): -0.95 ... 10.00 bar

Operating temperature: -20 ... 90 °C

Spare parts



ERS SGM-40x121 2RAILS

Part no.:10.01.17.00572

Construction use: Magnetic gripper

Size: 40x121