Electric Vacuum Gripper with Quad Zone – OnRobot VGP20

Industry's most powerful electric vacuum gripper saves up to 90% on operating and maintenance costs over pneumatic vacuum grippers.

Quick# 8213
Part# OR-107242
PRICE: $6,625.00

OnRobot pricing effective 05/01/24 and subject to change.

Try It Risk Free!
*Contact us for details

CERTIFIED
BY UNIVERSAL ROBOTS

- Highly versatile gripper with unlimited customization possibilities fits many applications.

- Built-in intelligence and multichannel functionality ensure fail-safe, flexible operation.

- Complete out-of-the-box vacuum gripper offers fast, easy deployment with any leading robot.

- Powerful, flexible gripper is ideal for porous and non-porous surfaces.

- Sixteen Ø40mm vacuum cups are included with a total 450mm footprint. Many other cup options are available, see EMI's website.

Technical Specs	8213
Vacuum	5%– 60% Vacuum (1.5Hg – 17.95Hg)
Air flow total	48 L /min (1.7 CFM)
Air flow on each channel	12 L /min (0.42 CFM)
Maximum rated payload*	44 lb (20 kg)
Gripping time**	0.25 seconds
Releasing time	0.40 seconds
Weight	2550g (5.62 lb)
Power supply	20.4V – 28.8V
Current consumption	50mA – 4500mA
Operating temperature	32° – 122°F

* Cardboard is recommended up to 10 kg. 20 kg payload can be achieved with low accelerations (0.2G added to 1G; 1G = gravity = 9.82 m/s2). Other conditions may apply.

** The gripping time can be shortened with smaller or less suction cups. The release time depends on the payload. With high payload, you can achieve fast release time.
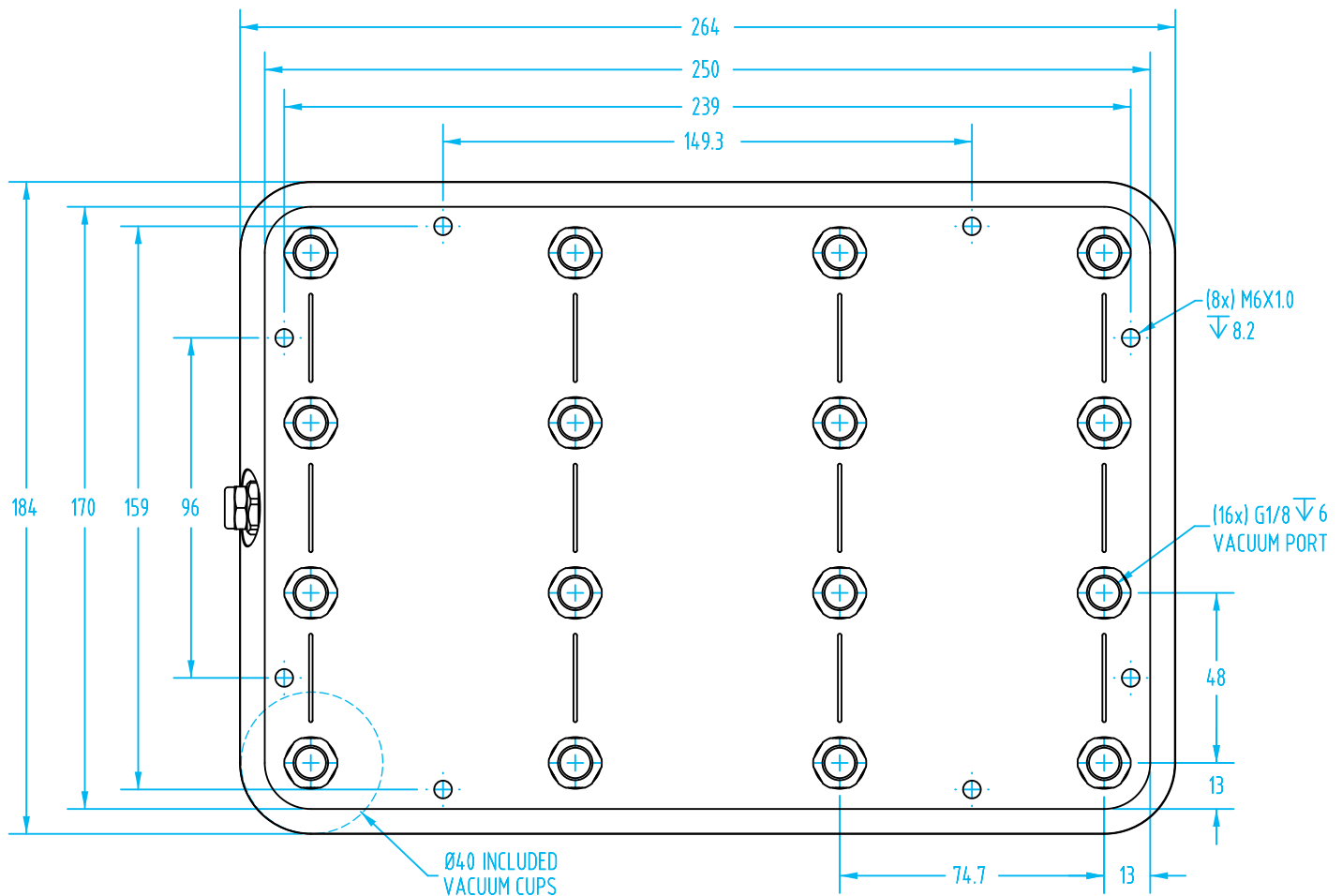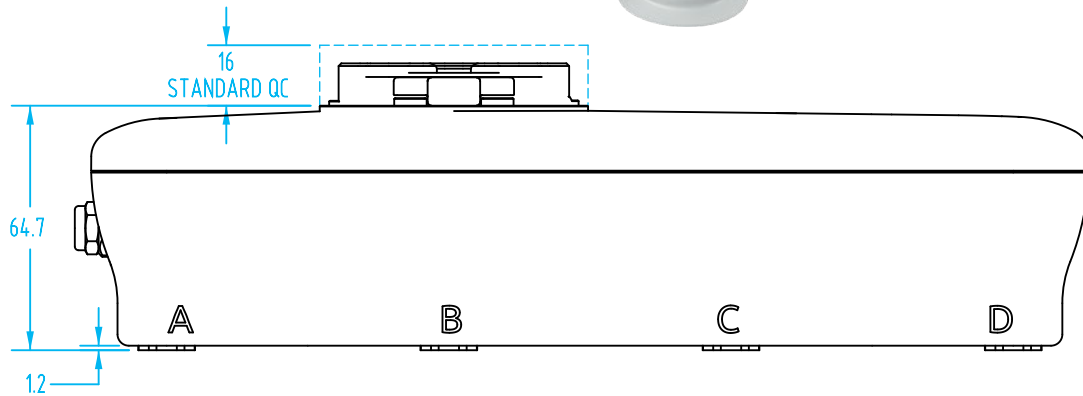

Shown with a Gimatic tilt unit and roller for a label placement application.

Electric Vacuum Gripper with Quad Zone – OnRobot VGP20

(Dimensioned drawings shown 1:2)

CU

QC

VG

VC

VA

SG

GR

MT

AC

CS

CC

16
STANDARD QC

64.7

1.2

A   B   C   D

264

250

239

149.3

184 170 159 96

(8x) M6X1.0
⤓ 8.2

(16x) G1/8 ⤓ 6
VACUUM PORT

48

13

Ø40 INCLUDED
VACUUM CUPS

74.7   13