

SPECIAL GRIPPERS / G16&G20 Series

G16&G20 Series

Features and Strengths

Integrated with VMECA vacuum cartridge pump
Excellent grip for both even & uneven surface products with flexible sealing form
Available for customized size according to applications



Examples of use

PCB boards, Solar cell, Porous material products

Performance data

| Model | Max. Vacuum Level (-kPa) | Feed pressure (Bar) | Air Consumption | Working Temperature | Noise Level (dBA) |
|----------------|--------------------------|---------------------|-------------------|---------------------|-------------------|
| G16x60-C202-B | -90 | 3~6 | 32 NI/min at 4bar | -20°C ~ 80°C | 55 ~ 65 |
| G16x108-C203-B | -90 | 3~6 | 32 NI/min at 4bar | -20°C ~ 80°C | 55 ~ 65 |
| G20x60-C202-B | -90 | 3~6 | 32 NI/min at 4bar | -20°C ~ 80°C | 55 ~ 65 |
| G20x108-C203-B | -90 | 3~6 | 32 NI/min at 4bar | -20°C ~ 80°C | 55 ~ 65 |

Performance data

| Model | Holding force at 60% Sealing (N) | Holding force at 80% Sealing (N) | Holding force at 100% Sealing (N) | Net weight (g) |
|----------------|----------------------------------|----------------------------------|-----------------------------------|----------------|
| G16x60-C202-B | 6.8 | 11 | 16 | 57.0 |
| G16x108-C203-B | 8.0 | 22 | 32 | 85.0 |
| G20x60-C202-B | 6.8 | 11 | 16 | 64.0 |
| G20x108-C203-B | 8.0 | 22 | 32 | 95.0 |

※ Actual holding force might be different according to surface and porousness of product
※ In above test result, the safety factor is not considered.



I Build an Ordering No.

G20x108-C203-B

1. Mini V-GRIP

| 1. Mini V-GRIP | Description | Symbol |
|----------------|--|--------------------------------|
| | Mini V-GRIP, Width 16mm x Length 60mm, 2stage cartridge | G16X60-C202-B |
| | Mini V-GRIP, Width 16mm x Length 108mm, 3stage cartridge | G16X108-C203-B |
| | Mini V-GRIP, Width 20mm x Length 60mm, 2stage cartridge | G20x60-C202-B |
| | Mini V-GRIP, Width 20mm x Length 108mm, 3stage cartridge | G20x108-C203-B |

I Spare Parts – Flexible sealing foam

| Part No. | Description |
|------------|--|
| 16X60-S08 | Flexible sealing foam for G16x60-C202-B |
| 16X108-S08 | Flexible sealing foam for G16x108-C203-B |
| 20X60-S08 | Flexible sealing foam for G20x60-C202-B |
| 20X108-S08 | Flexible sealing foam for G20x108-C203-B |