

VALOCK(Vacuum Auto Lock System)

PATENT & PATENT PENDING



"New solution to ease your work"

- Save time ✓
- Save cost ✓
- Save space ✓
- Increase productivity ✓

Series VGS 25 / VGS 40 / VGS 50

Max. Vacuum level	: -86kPa(-25.4inHg)
Max. flow rate	: 85 NI/ m (3scfm)
Supply air pressure	: 5~7bar , max 7bar
Air consumption	: 34~40 NI/m(1.2~1.41scfm)
Up-down Brake force	: max. 43 Kgf
Ball-Joint angle	: ±15° X 360°
Ball-Joint moment	: max. 35 Kg.cm
Supply air type	: Dry compressed air
Working temperature	: -20 °C to +80 °C (-4°F to +176°F)
Noise level	: 50~60 dBA

VMECA Vacuum cartridge pump



▲ Integrated VMECA Vacuum Cartridge pump



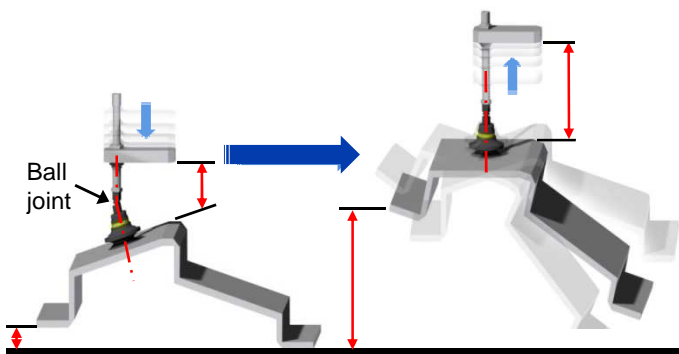
▲ Interlocking module



▲ Vacuum Sensor

Main advantages

- Integrated Auto-locking system
- Not shaken or change positioning of handling item on the transfer
- Automatic flexible positioning with handling items (No need vacuum jig or clamp-lower capital cost)
- Integrated VMECA Vacuum Cartridge pump with compact design (Quick response time)
- Automatic release (No need vacuum release control valve)



New solution with VALOCK

The VMECA VALOCK is automatically positioning and powerfully fixes a shaking part to transfer work piece safely. So it can safely transfers work piece by one suction cup with VMECA VALOCK.

Typical Installation

The typical installation which is using with Ball Joint is easy to shakes handling item and tilts to heavy direction on the transfer. So it is necessary of a lot of suction devices to keep hold handling item and various vacuum jigs for different positioning by product's shape.

