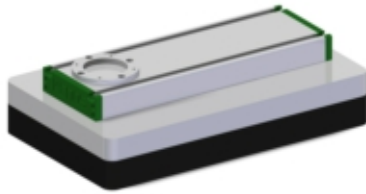


KENOS®KVGL



- ▶ The KVGL-S (Kenos Vacuum Gripper for Layers) gripping system can be equipped with integrated COAX cartridges or connector for external vacuum source.
- ▶ Fast change system for the foam.
- ▶ Fast change system for the foam with the help of a releasable plate
- ▶ Available in several dimension combinations to suite layers to be gripped-
- ▶ Special vacuum sensing port(s) connected to the handled object. Adding a vacuum switch and the port can be used for good-to-go signal for PLC or robot controller.
- ▶ Check valves require smaller vacuum pump and still maintain the vacuum level even if the whole surface of the gripper is not covered.
- ▶ Different recommended check valves for different porosities of handled material.
- ▶ Applications: end of line packaging, palletizing of boxes and packages.
- ▶ FDA approved foam in silicone available as an option.

Technical data

Description	Unit	Value
Temperature range	°F	32-122
Weight	lb	15-17
Material	-	Al, EPDM, SS, POM, NBR
Noise level	dBA	70

Technical data, foam

Description	Unit	Value
Material	-	EPDM

Gripping force data

Force, lbf, at different vacuum levels (-inHg) , gripper with foam				
8.9	11.8	14.8	17.7	20.7
177.8	237.2	296.5	355.9	415.0

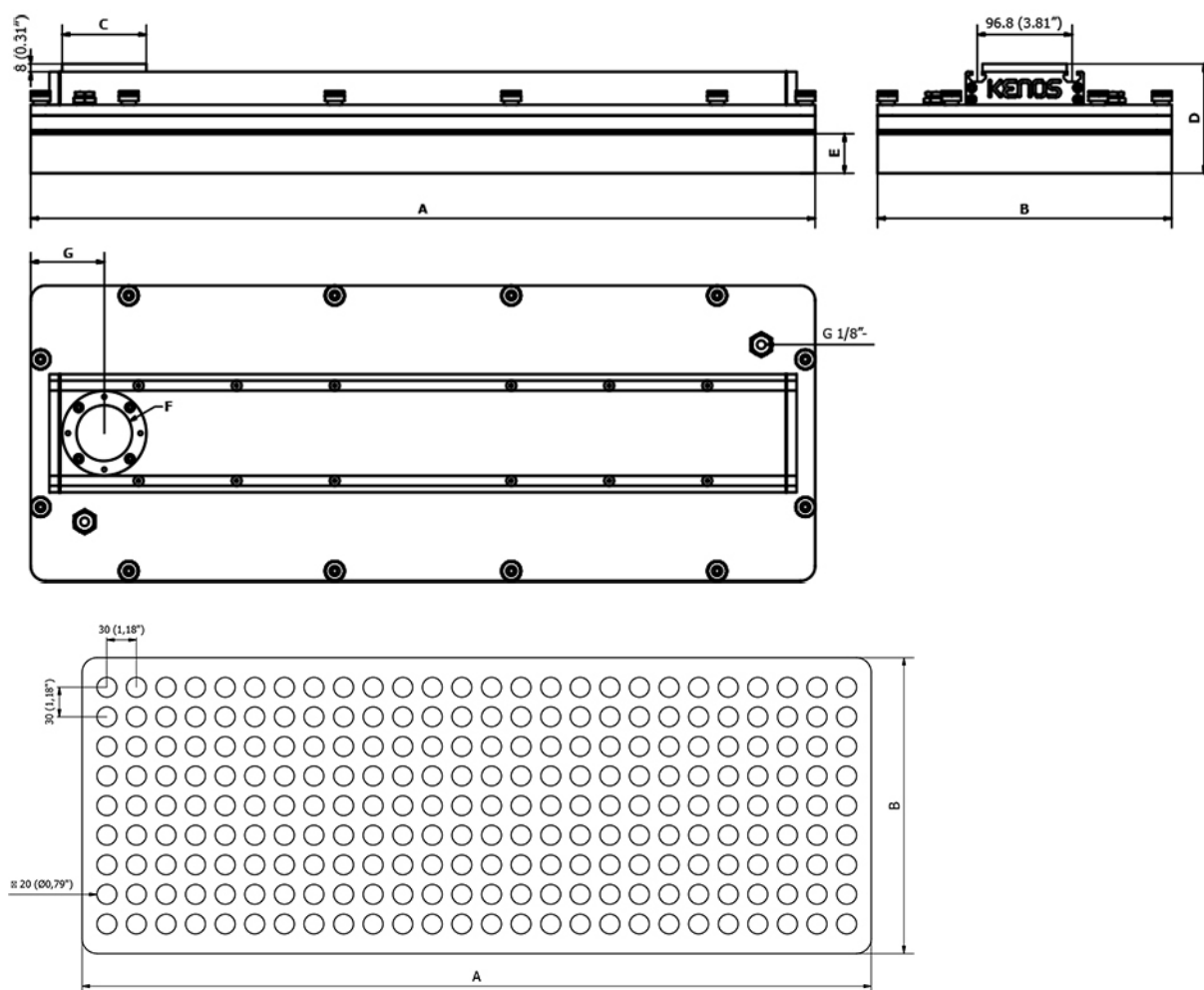
Theoretic gripping force on rigid and stable surface with completely covered module, without safety factor.

Values specified in data sheet are tested at:

- Room temperature (20°C [68°F] ± 3°C [5.5°F]).
- Standard atmosphere (101.3 [29.9 inHg] ± 1.0 kPa [0.3 inHg]).
- Relative humidity 0-100%.
- Compressed air quality, DIN ISO 8573-1 class 4.

Dimensional drawing

A	400 [15.75"]
B	240 [9.45"]
C	86 [3.39"]
D	104 [4.09"]
E	40 [1.57"]
F	G 2"
G	75 [2.95"]



Ordering information

Description	Product code
KENOS®KVGL 400 mm, 240 mm, Foam, 40 mm, Without filter, Step 30 mm, Check Valves Medium flow, Blower connection G2",	KVGL.400.240.N405.CVM.BL2

Ordering information, spare part foam

Description	Product code
FOAM KVGL 400 mm, 240 mm, Foam, 40 mm, Without filter, Step 30 mm, incl. mounting plate	FOAM.KVGL.400.240.N405.MP