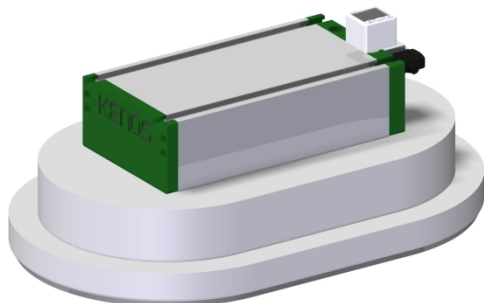


Kenos® KSG



- The KSG (Kenos Sack Gripper) can be equipped with integrated COAX® cartridges or connector for external vacuum source.
- The KSG is designed and capable to handle heavy sacks in different material, shapes and weight.
- Options with foam sealing foam or metal sealing ring for longer life.
- Three-stage COAX® cartridge - MIDI - with extra high initial vacuum flow. Large vacuum flow in relation to energy consumption. State-of-the-art ejector technology inside.

Technical data

Description	Unit	Value
Feed pressure, max	psi	101.5
Temperature range	°F	32-122
Weight	lb	12-14
Material	-	AI, NBR
Noise level range	dBA	70
Connection, compressed air	-	G 1/4"

Technical data, digital vacuum switch

Description	Unit	Value
Shock resistant	G	10
Current consumption	mA	40
Supply voltage	VDC	24 (21.6 – 26.4)
Humidity	%RH	35-85
Insulation at 500 VDC	MΩ	50
Cable specification	-	With connector 150mm
Electrical connection	-	M8 4 pole male connector
Current, max	mA	125
Display		7 segments, LCD 3 color display (red/green/orange)
High voltage resistance	VAC	1000
Vibration resistance	-	10-150-10 scan for 1 min Hz (1.5mm or 10G, 2h in XYZ direction)
Hysteresis	-	Adjustable, 1-8 kPa
Signal range	-kPa	0-101.3
Valve function	-	PNP NO/NC (2x)

Technical data, electrical solenoid valve

Description	Unit	Value
Operating pressure range	psi	0.15-0.7
Current consumption	mA	17
Supply voltage	VDC	24 (21.6 – 26.4)
Electrical connection	-	M8 3 pole male connector
Allowable voltage	-	± 10% rated voltage
Manual override	-	Push-locking slotted style
Impact / Vibration resistance	m/s ²	150/30
Coil rated voltage	Vcc	Coil rated voltage
Surge voltage suppressor	-	Diode
Indicator light		LED

Vacuum flow

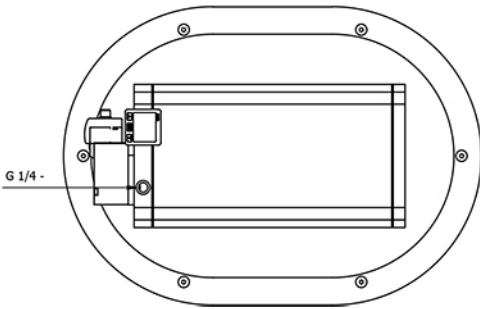
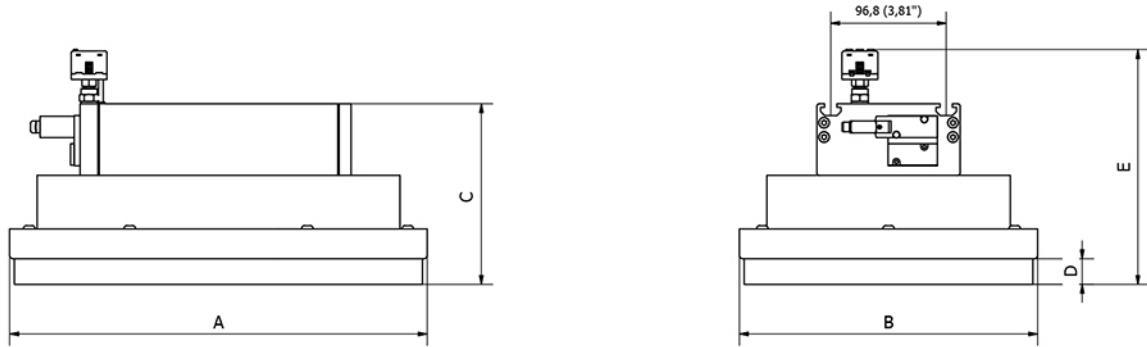
Feed pressure pump / nozzle psi	Air consumption per pump/nozzle scfm	Force, lbf, at different vacuum levels (-inHg)									Max vacuum -inHg
		0	3	6	9	12	15	18	21		
87.0	7.42	25.4	14.84	11.02	7.2	3.82	2.54	2.12	1.48	22.1	

Values specified in this data sheet are tested at (unless otherwise stated):

- 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 20-70%.

- Compressed air quality, DIN ISO 8573-1 class 4.

Dimensional drawing



□

	mm [in]
A	400 [15.75"]
B	250 [9.84"]
C	135 [5.31"]
D	5 [0.20"]
E	180 [7.09"]

Ordering information – Current configuration

Description

KENOS®KSG
 With sealing ring,
 400-250 mm,
 Metal ring,
 2 cartridge Si32-3,
 EV vacuum N.C.,
 Digital vacuum switch

Product code

KSG.E.400-250.G3.S2.V1.M2