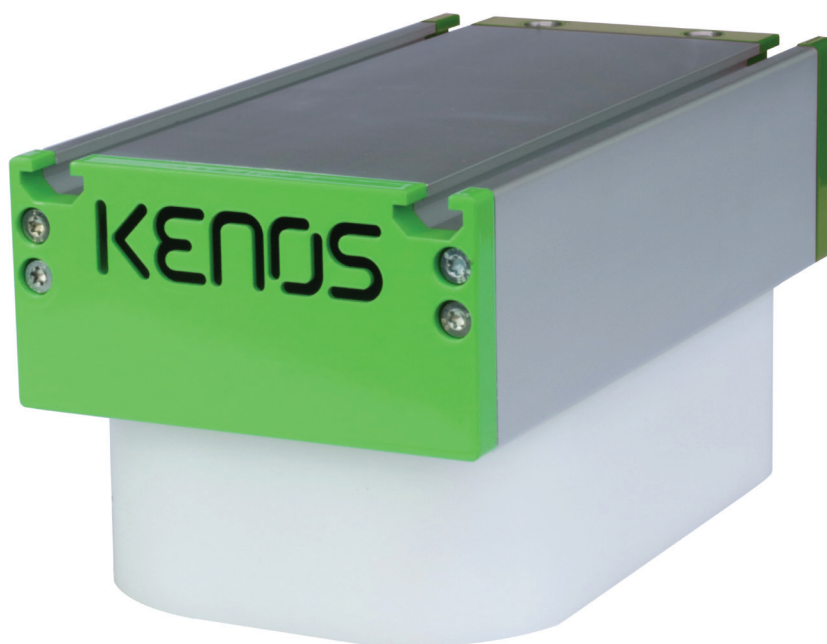


## KBC series



KBC series products, Kenos® Bag Cup, born from the need of handling alimentary and not liquid bags, but are suitable also in the flowpack application. In KBC vacuum gripping systems, the integrated and modular COAX® vacuum cartridge gives the module flexibility. A version for external vacuum generation is available. A side channel blower is used when the application condition suggest it.

### LIFTING FORCES

We can calculate the force generated by the gripping area for the vacuum value, but considering that the gripper handles bags and not rigid surfaces or pieces, these values could lead to a wrong selection of the product.

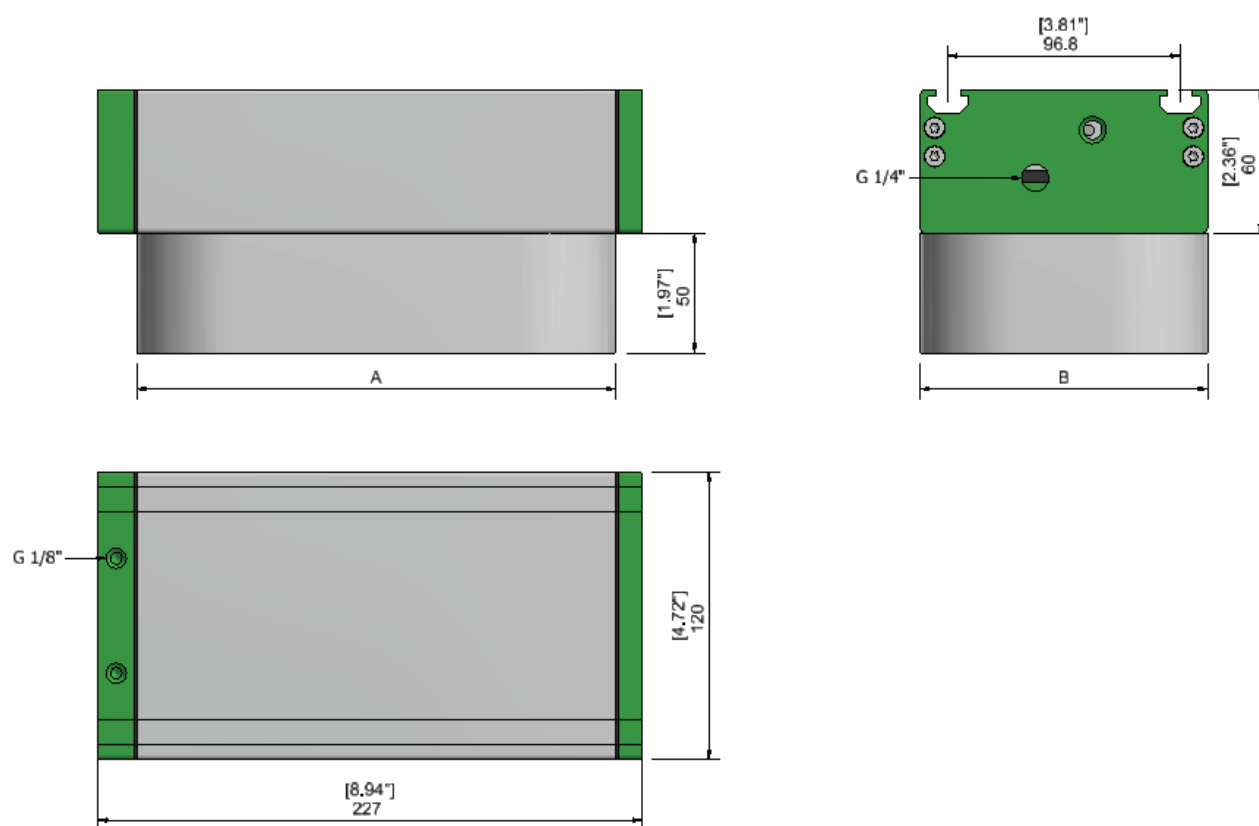
These types of grippers are designed to handle from 25 to 50 kg bags and the selection is made through the size of the bag and not on the basis of the gripping force – test on the product is mandatory to get the correct configuration.

### VACUUM FLOW

Air consumption/vacuum flow data related to number of COAX® ejectors.

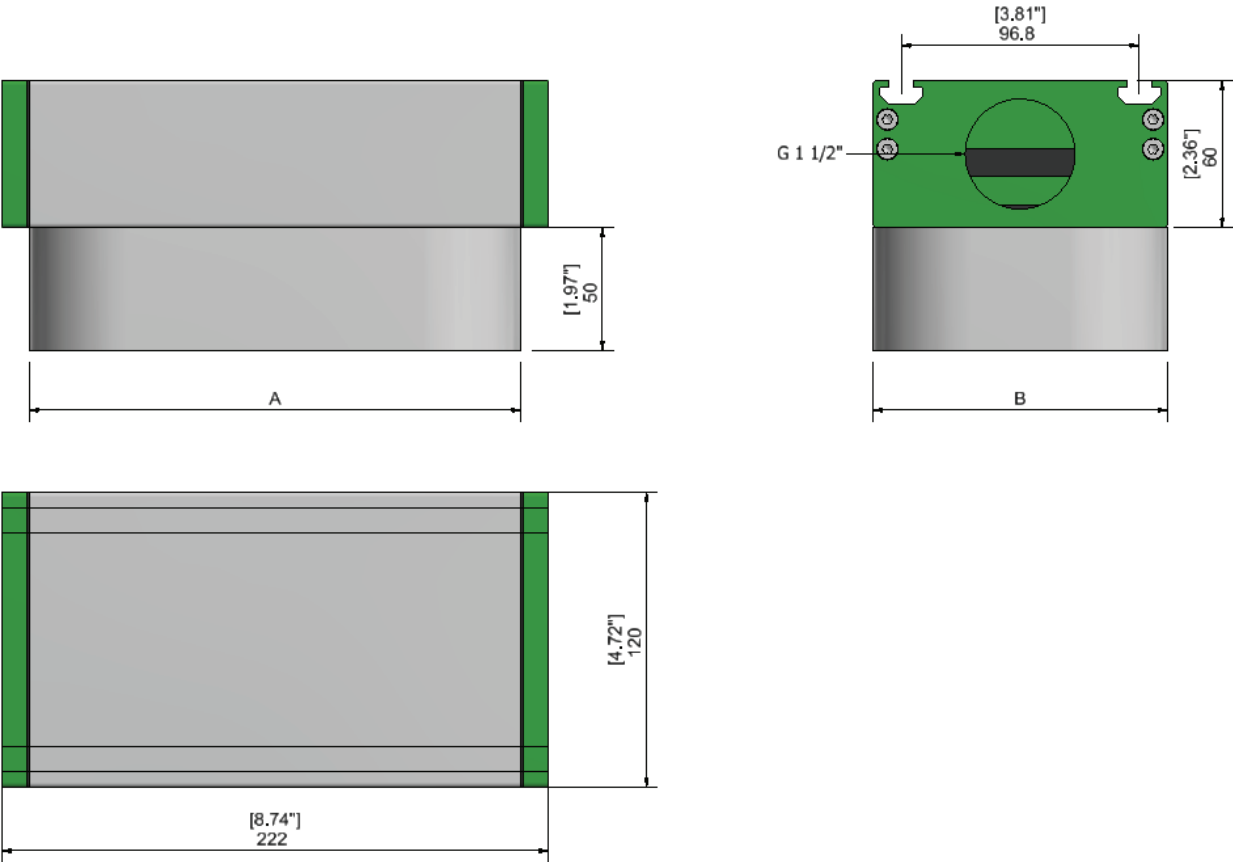
COAX® Cartridge	Feed pressure MPa	Air consumption NI/s	Vacuum flow (NI/s) at different vacuum levels (-kPa)										Max vacuum -kPa
			0	10	20	30	40	50	60	70	80	90	
MIDI Si32-3 x2	0.6	3.5	12	7	5.2	3.4	1.8	1.2	1	0.7	—	—	75
MIDI Si32-3 x3	0.6	5.25	18	10.5	7.8	5.1	2.7	1.8	1.5	1.1	—	—	75
MIDI Si32-3 x4	0.6	7	24	14	10.4	6.8	3.6	2.4	2	1.4	—	—	75

# DIMENSIONS FOR KBC WITH EJECTOR



Type	A (mm)	B (mm)	Weight (kg)
KBC200-BC150-80	150	80	2.3
KBC200-BC200-100	200	100	2.5
KBC200-BC200-120	200	120	2.6
KBC200-BC200-180	200	180	2.9
KBC200-BC250-120	250	120	2.7
KBC200-BC300-120	300	120	2.9
KBC200-BC300-180	300	180	3.4
KBC200-BC350-150	350	150	3.4
KBC200-BC350-180	350	180	3.8
KBC200-BC350-250	350	250	4.1

DIMENSIONS FOR KBC WITH BLOWER



Type	A (mm)	B (mm)	Weight (kg)
KBC200-BC150-80	150	80	1.8
KBC200-BC200-100	200	100	2.0
KBC200-BC200-120	200	120	2.1
KBC200-BC200-180	200	180	2.4
KBC200-BC250-120	250	120	2.2
KBC200-BC300-120	300	120	2.4
KBC200-BC300-180	300	180	2.9
KBC200-BC350-150	350	150	2.9
KBC200-BC350-180	350	180	3.3
KBC200-BC350-250	350	250	3.6

## KBC – CUSTOMER CODE

