

# Kenos® KMG



- KMG series is a flexible solution for the handling or manipulation of objects with different shapes and dimensions thanks to the use of a foam interface.
- EPDM foam for versatile picking of objects.
- Flow restrictor technology that is suitable for regular and non-porous objects. Works in any orientation.

## Technical data

Description	Unit	Value
Temperature range	°C	0-50
Weight	g	123
Materials (body and manifold)	-	AL, PMMA
Material foam	-	EPDM

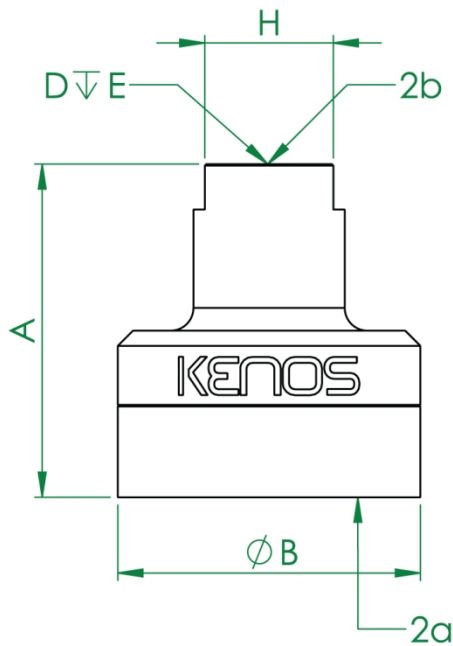
## Gripping force

Gripping force\* at different vacuum levels, gripper with foam

-kPa	10	20	30	40	50	60	70
N	10	19	29	38	48	58	67

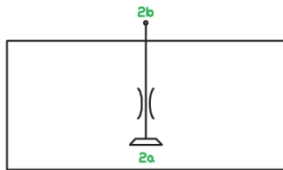
\*Theoretic gripping force at optimum feed pressure on rigid and stable surface with completely covered module, without safety factor.

## Dimensional drawing



Description	Value mm [in]
A	56 [2.20"]
B	70 [2.76"]
D	G1/4"
E	7 [0.28"]
H	17 [0.67"]

## Pneumatic diagram



Pos.	Description
2a	Vacuum
2b	Vacuum

## Ordering information – Current configuration

Description	Product code KMG.D70.N241.FR30
Shape	Round
Dimensions	Ø70mm
Foam type	Standard EPDM foam
Foam thickness	24mm foam
Step	Standard step
Technology	Flow reduction 3,0mm

## Ordering information, spare part foam

Description - Quantity: 3 pieces	Product code KMG.D70.N241.FR30
FOAM, Ø70mm, Standard EPDM foam, 24mm foam, Standard step.	FOAM.KMG.D70.N241

### 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.