

# KG-SERIES

KG-2

KG-3

Grippers

*Technical specifications*



## KG-2 – Specifications

FINGERS QUANTITY	2
ACTUATION SYSTEM	Under actuated
ACTUATORS	One per finger
	Current
ACTUATORS SENSORS	Temperature
	Rotational encoder
OPENING (fingertip)	175 mm
MIN OBJECT DIAMETER FOR CYLINDRICAL GRIP	55 mm
MAX OBJECT DIAMETER FOR CYLINDRICAL GRIP	100 mm
MIN OBJECT DIAMETER FOR OBJECT-ON-THE-GROUND PINCH	8 mm
TOTAL WEIGHT	556 g
GRIPPING FORCE	25 N
OPENING OR CLOSING TRAVEL TIME	1.2 sec
OPERATING TEMPERATURE	-10 °C to 40 °C

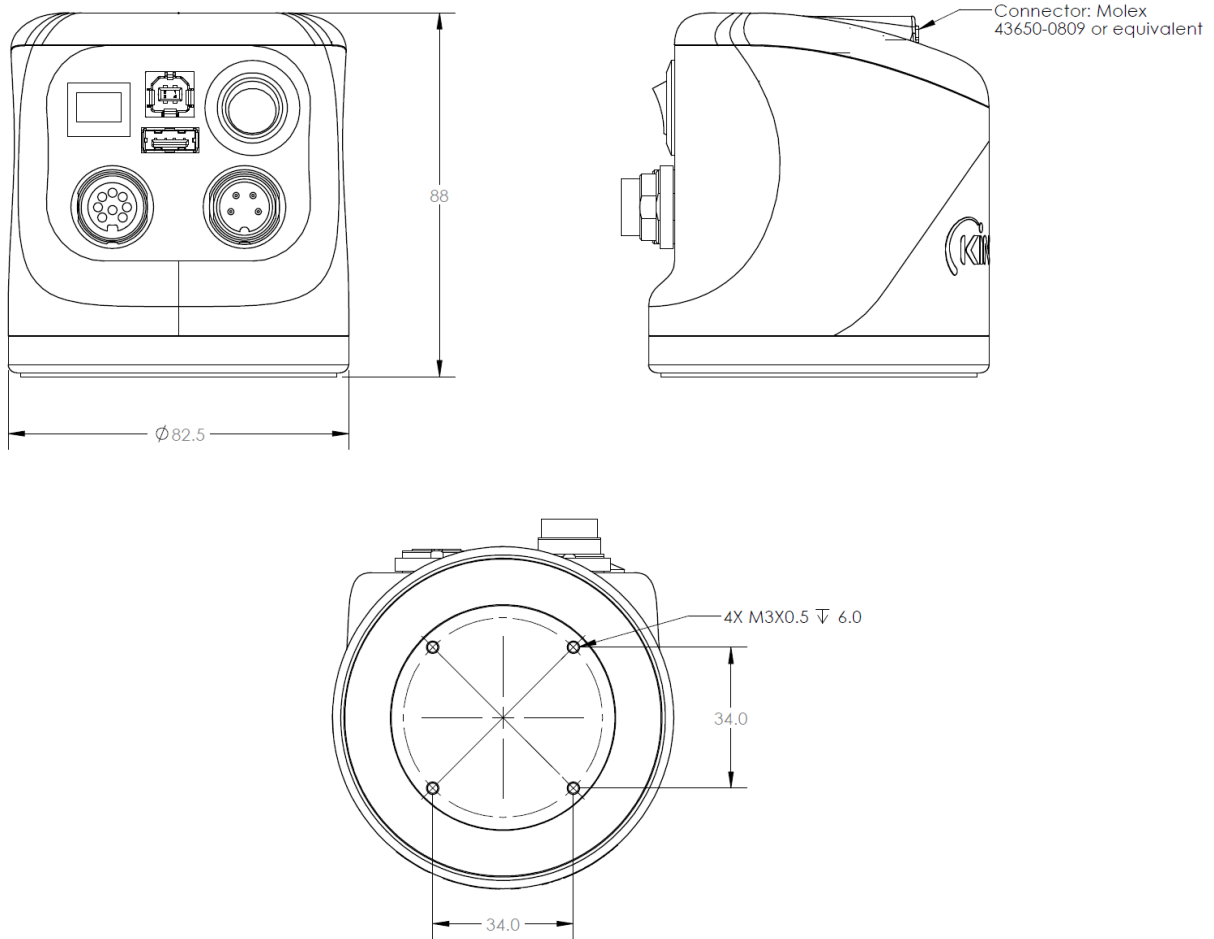
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## KG-3 – Specifications

FINGERS QUANTITY	3
ACTUATION SYSTEM	Under actuated
ACTUATORS	One per finger
	Current
ACTUATORS SENSORS	Temperature
	Rotational encoder
OPENING (fingertip)	175 mm
MIN OBJECT DIAMETER FOR CYLINDRICAL GRIP	45 mm
MAX OBJECT DIAMETER FOR CYLINDRICAL GRIP	100 mm
MIN OBJECT DIAMETER FOR OBJECT-ON-THE-GROUND PINCH	8 mm
TOTAL WEIGHT	727 g
GRIPPING FORCE	
3 fingers	40 N
2 fingers	25 N
OPENING OR CLOSING TRAVEL TIME	1.2 sec
OPERATING TEMPERATURE	-10 °C to 40 °C

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# CONTROLLER



## CONTROLLER

### PORTS

*Joystick*  
*Power supply*  
*USB 2.0 (API)*  
*Ethernet*

1 Mbps CANBUS  
18 to 29 VDC  
12 Mbps  
Not Available

### CONTROL SYSTEM FREQUENCY

100 Hz (High Level API)  
500 Hz (Low Level API)

### CPU

360 MHz

### SDK

APIs  
Compatibility  
Port  
Programming languages

High and low level  
Windows, Linux Ubuntu & ROS  
USB 2.0  
C++

### POSITION CONTROL



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