

# GRIPPERS

KG-3

KG-2



# SIMPLE, SEXY & SAFE

## REDEFINING ROBOTIC GRASPING

Kinova's flexible grippers set the standard in service robotic manipulation. Light, compact and power efficient, these plug-and-play manipulators pave the way for brand new robotic applications.



# SPECIFICATIONS

## KG-2

|  |                    |
|--|--------------------|
| 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    |



## KG-3

|  |                    |
|--|--------------------|
| 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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