

# ROBOTIQ ADAPTIVE GRIPPER

## S-MODEL

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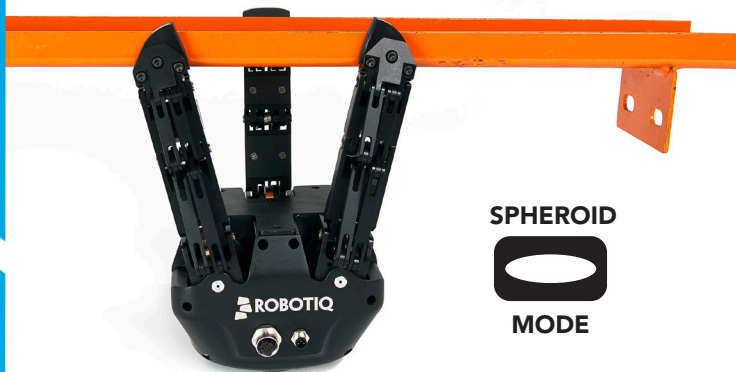
156 -1B, route du Pont  
St-Nicolas (Qc)  
Canada G7A 2T4



CYLINDRICAL



MODE



SPHEROID



MODE



SCISSOR



MODE



PINCH

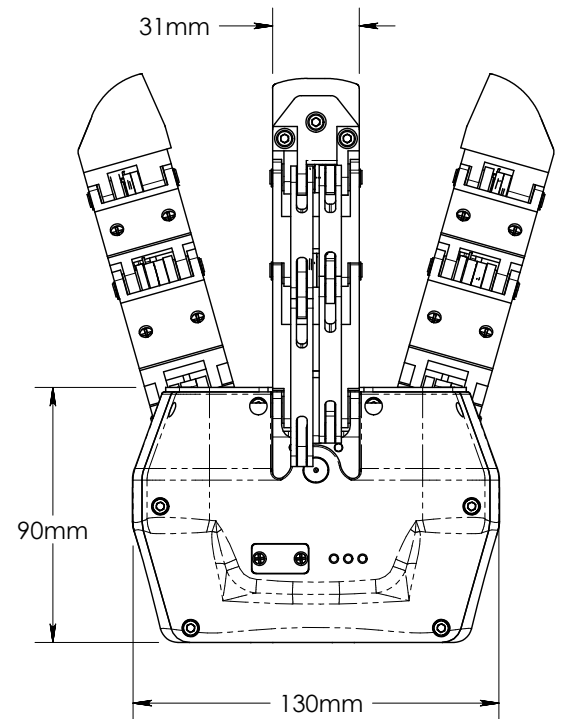
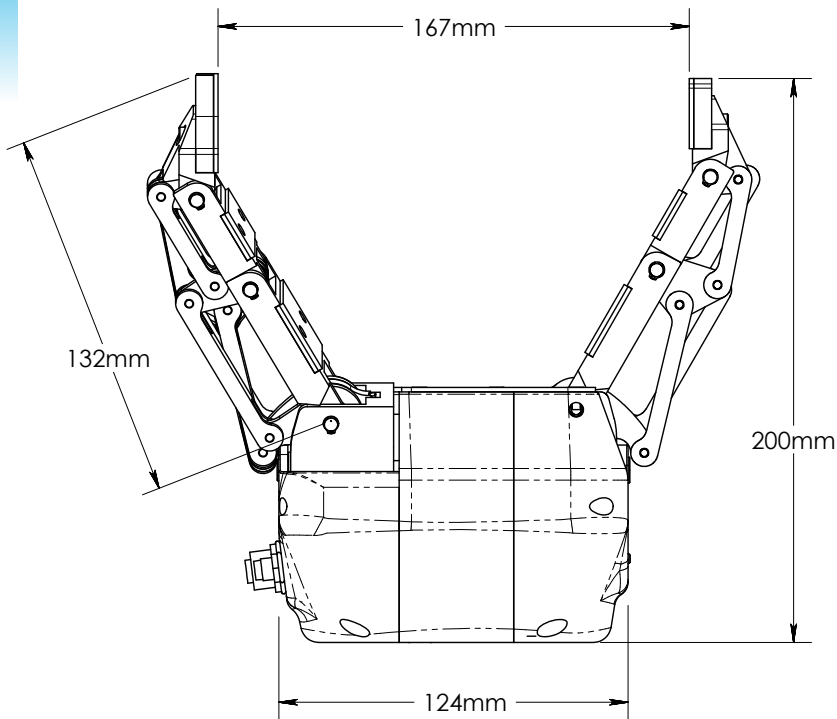


MODE

**4** DIFFERENT GRASPING MODES

**PICK, PLACE,  
SORT AND  
HOLD  
ALL YOUR  
PARTS WITH  
A SINGLE  
TOOL.**

 **ROBOTIQ**



## TECHNICAL DATA

## UNITS

## VALUE

### MECHANICS

Gripper opening	[mm]	0-160
Gripper weight	[kg]	2.3
Recommended encompassing grasp payload	[kg]	10
Recommended fingertip grasp payload	[kg]	3
Max. actuation torque (at each finger base)	[Nm]	2.6
Max. gripping force (at the tip of one finger)	[N]	20
Max. holding force (along the finger)	[N]	100
Min. full-travel closing time	[s]	1.8
Min. ambient temperature	[°C]	0
Max. ambient temperature	[°C]	50
Number of fingers		3
Number of phalanxes per finger		3
Number of grasping modes		4
IP class		31

### CONTROL

Interface options	Ethernet/IP, Modbus RTU, DeviceNet or EtherCAT
Grasping programmable parameters	Force, speed and partial closing/opening
Status LEDs	Power, communication and error
Feedback	Finger contact detection

### ELECTRONICS

Voltage supply	[VDC]	24
Quiescent power	[W]	4.1
Maximum RMS supply current	[A]	1.4
Maximum power current	[A]	3