GRIPPERS

KG-2 KG-3

SPECIFICATIONS

		BOTH	KG-2	KG-3
Fingers quantity			2	3
Actuation system		Under actuated		
Actuators		One per finger		
Actuators sensors		Current		
		Temperature		
		Rotational encoder		
Opening *(fingertip)*		175 mm		
Object diameter for cylindrical grip	Minimum		55 mm	45 mm
	Maximum		100 mm	100 mm
Object diameter for on-the-ground pinch		8 mm min.		
Total weight			556 g	727 g
Gripping force			40 N	25 N
Opening or closing travel time		1.2 sec		
Operating temperature		-10 °C to 40 °C		

CONTROLLER
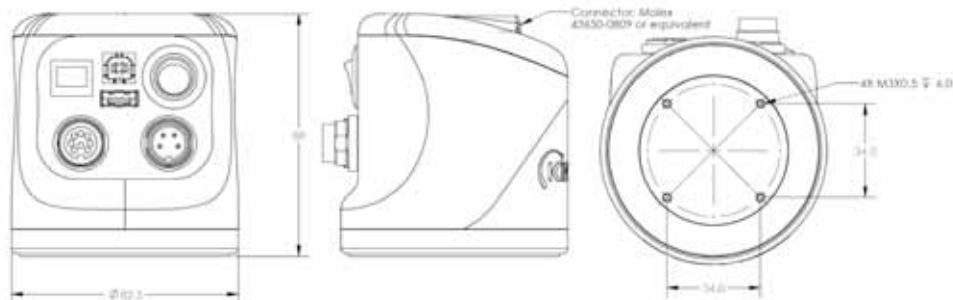
Ports	Joystick	1 Mbps Canbus
	Power supply	18 to 29 VDC
	USB 2.0 (API)	12 Mbps
	Ethernet (API)	100 Mbps
Control system frequency	High level (API)	100 Hz
	Low level (API)	500 Hz
CPU		360 MHz
SDK	APIs	High and low level
	Compatibility	Windows, Linux Ubuntu & ROS
	Port	USB 2.0, Ethernet
	Programming languages	C++
Control		Force, cartesian & angular