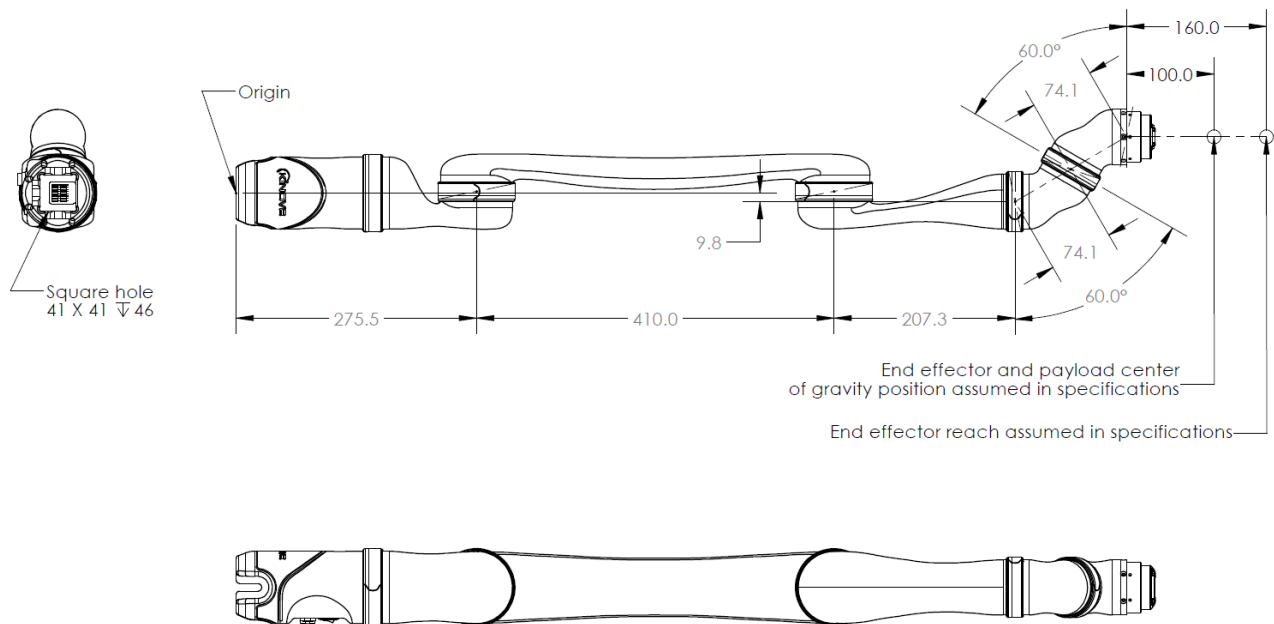


JACO- 3 fingers

Technical specifications



JACO² 6 DOF no gripper



GENERAL

TOTAL WEIGHT	5,2 Kg
MATERIALS	Carbon fiber (links), Aluminum (actuators)
PAYLOAD	1.6 Kg (mid-range continuous payload capabilities) 1.3 Kg (full-reach peak/temporary payload capabilities)
REACH	90 cm
MAXIMUM LINEAR ARM SPEED	20 cm/s
POWER SUPPLY VOLTAGE	18 to 29 VDC
AVERAGE POWER	25 W (5W in STANDBY)
PEAK POWER	100 W
COMMUNICATION PROTOCOL	RS485
COMMUNICATION CABLES	20 pins flat flex cable
2 EXPANSION PINS ON COMMUNICATION BUS	
WATER RESISTANCE	IPX2
OPERATING TEMPERATURE	-10 °C to 40 °C expected

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)

POWER WHEELCHAIR COMPATIBILITY

Sunrise / Permobil

Invacare

Pride mobility (Quantum)

Via R-Net electronics / IOM or proportional

Via MK6i electronics / ECU or proportional (Mouse emulator)

Via Q-Logic electronics / Environmental control (ECM)

EXTERNAL OPTIONS

Switches control

Computer interface

Mini-joystick

ADDITIONAL OPTIONS

Drinking mode

Pre-programmed or self-programmed positions

Protection zones

Custom mapping

DETAILED SPECIFICATIONS

ACTUATORS #1 & #3

K-75

ACTUATOR #2

K-75+

ACTUATORS #4, #5 & #6

K-58



6110 Doris-Lussier
Boisbriand, QC, Canada
J7H 0E8

Kinovarobotics.com