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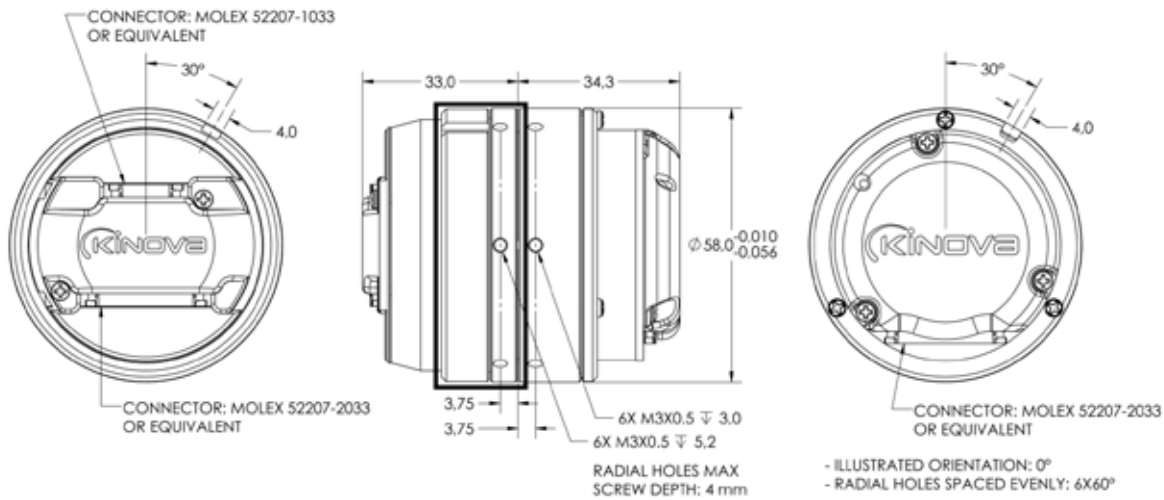
KINOVA™ Gripper series mounting

Specifications



The KINOVA™ KG-Series Grippers are designed to integrate particularly well with Kinova robotic arm models. However, they can also be integrated with other robotic arms and robotic applications. This document gives specifications for the mechanical mounting of the gripper. For more details on how to integrate the power and controls of the KG-Series gripper with your robotics application, consult the KG-Series gripper user guide.

The procedure to mount a KG-2 or KG-3 on your robot is the same. In both cases, it should be attached to a structure identical to the KA-58 actuator mounting location (highlighted in black) and respect the dimensions (mm) provided in the following drawing.



The attachment for the gripper should be a circular part with six screw holes. To facilitate the design of the end effector mounting part, download the CAD of the KA-58 actuator on the Kinova website product page.

⚠ Note that there is a 4.0 mm groove on the actuator to correctly align the gripper and have a reference alignment for the robot's inverse kinematics.