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Features

- Simple 24 VDC Digital Control (2 in / 2 out) via standard M12 connectors
- Modular electronics for ease of maintainability
- Single or dual cable control option
- Built in "obstruction" detection
- Integral brake maintains arm position any time power is lost
- Mechanical indicator identifies when gripper mechanism is locked
- Powered and unpowered manual override
- Single and Double Moving Jaws
- Single and Double Tips
- Adjustable opening angle
- · Linear and rotary motion guided by roller bearings
- Remains locked in closed position even when power is removed

General Specifications

Weight: LGE140: 2.5 Kg (5.5 lbs) Operating Temperature: 5° to 40° C (40° to 105°F)

Class Protection: IP65

Opening Angles: LGE140VB: 15°, 30°,45°, 60°, 75° LGE140VF: 15°, 30°,45°, 60°, 75° LGE140VL: 15°, 30°,45°, 60°, 75°, 90° LGE140OL: 15°, 30°,45° *see dimensional drawings for more information.

Holding Capacity: 600 Nm (5310 in-lbs)

Maximum Grip Force: LGE140V: 2333 N (525 lbs) LGE140O: 1866 N (420 lbs)

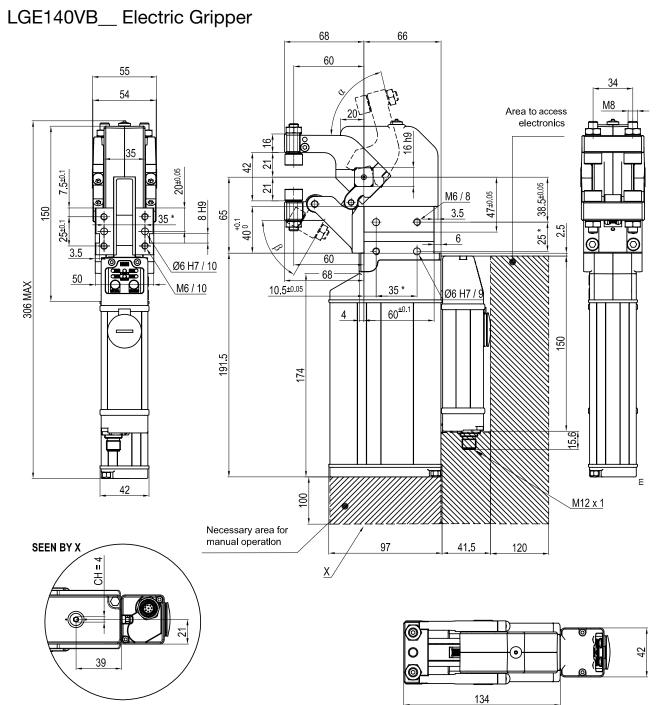
LGE 140 V L 21 Series – LGE = Electric Gripper Control Module 11 = Single M12 male 8 pin connector In the case of an obstruction the arm stops in the position it is in. Size 12 = Single M12 male 8 pin connector In the case of an obstruction the arm returns to its previous position. 21 = Two M12 male 4 pin connector (sensor/command) Jaw Mounting Position In the case of an obstruction the arm stops in the position it is in. 22 = Two M12 male 4 pin connector (sensor/command) = 90° = 180° = 180° *See dimensional drawings for more information In the case of an obstruction the arm returns to its previous position. Jaws Style в = Upper and lower jaws opening; double tips - available only with V jaws mount style. Upper and lower jaws opening; single tips - available only with V jaws mount style. = Fixed lower, upper jaw opening; double tips.

How to Order



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LGE Series Electric Gripper



Opening Angles

Datum Opening Angle	A Angle	B Angle
15°	15°	3°
30°	30°	14°
45°	45°	29.5°
60°	60°	44°
75°	75°	58°

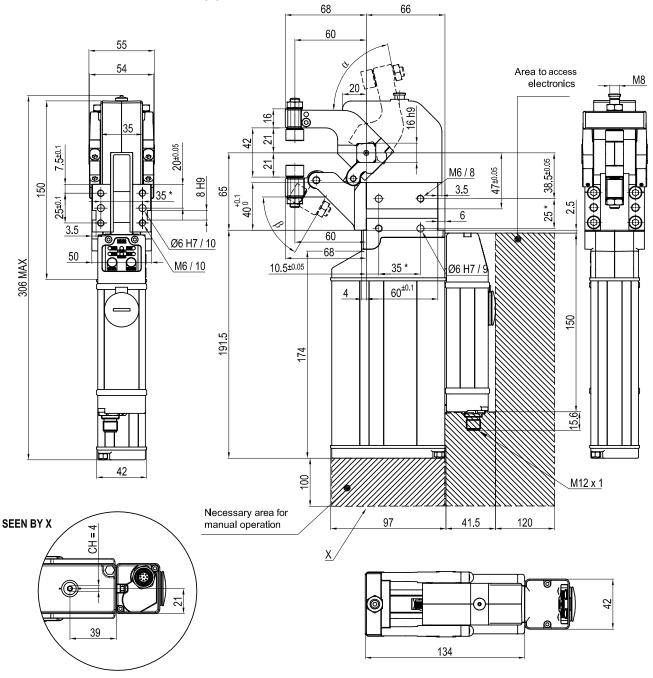
*: TOLERANCE FOR DOWEL HOLES ± 0.02 FOR SCREW HOLES ± 0.1





LGE Series Electric Gripper





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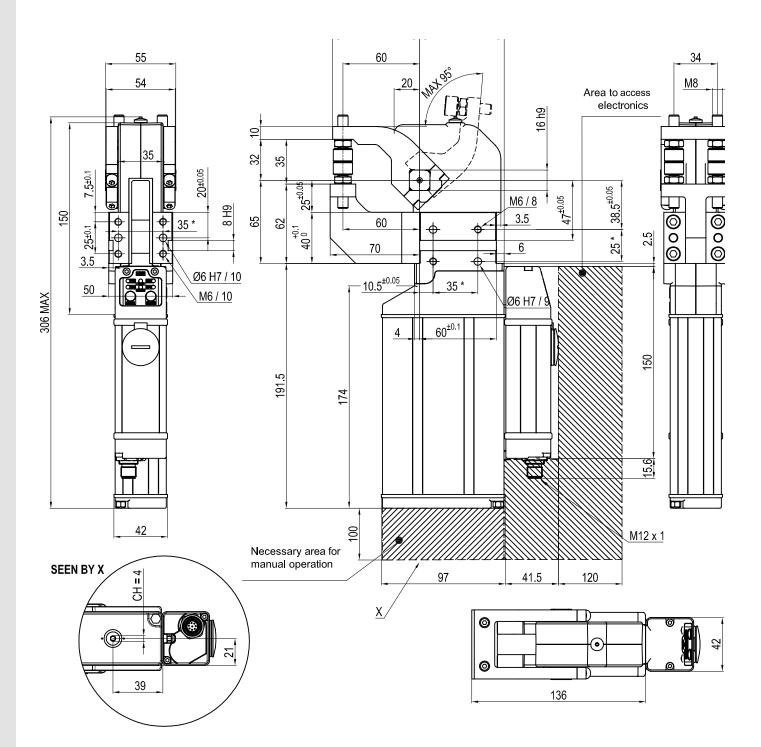
*: TOLERANCE FOR DOWEL HOLES \pm 0.02 FOR SCREW HOLES \pm 0.1



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LGE Series Electric Gripper

LGE140VL__ Electric Gripper



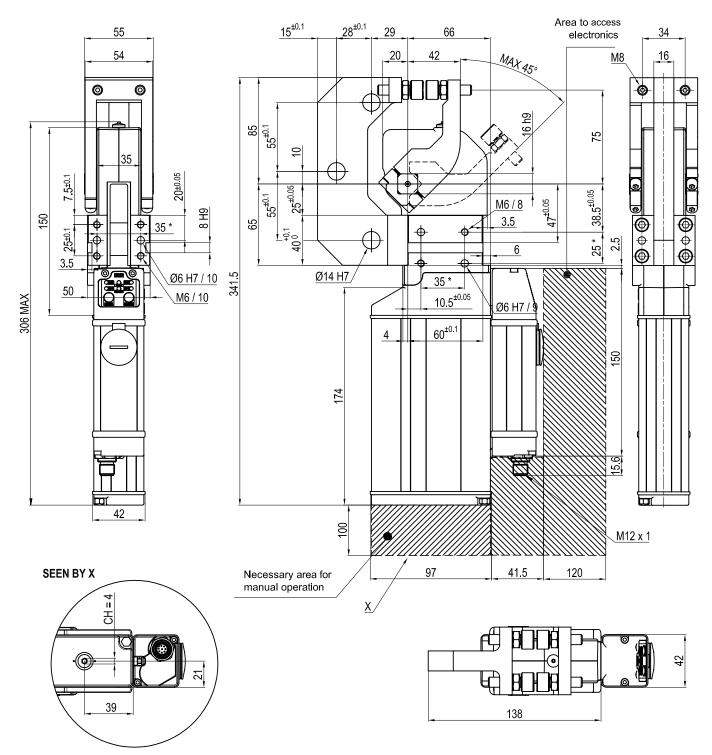
*: TOLERANCE FOR DOWEL HOLES ± 0.02 FOR SCREW HOLES ± 0.1





LGE Series Electric Gripper

LGE140OL__ Electric Gripper



*: TOLERANCE FOR DOWEL HOLES \pm 0.02 FOR SCREW HOLES \pm 0.1