

Electric Centric Grippers

EIG3-65100 3-Finger

EIG is an electric 3-finger centric gripper that is equipped with three symmetrically rotating fingers.

Advantages

- Smooth body
- Precise planetary gear drive
- Grip control: force and position adjustment
- Quick open/close time with speed adjustment
- Grip feedback and part detection: gripper status can be read at the PLC/Controller and visualized on the unit via LED's
- Multiple communication modes: the gripper supports Modbus RTU protocol and IO mode control. Other protocols such as USB and ETHERNET can be implemented through a protocol converter
- Grip actuation via embedded controller.
- Brake locking mechanism



SPECIFICATIONS

Model	Gripping Diameter	Gripping Force per Jaw	Total Gripping Force	Opening/ Closing Time	Nominal Voltage	Nominal Current	Max Current	Repeatability (Positioning)	Recommended Workpiece Weight*	Weight
EIG3-65100	40 - 170 mm 1.6 - 6.7 in	30 - 100 N 6.7 - 22.5 lb	90 - 300 N 20.2 - 67.4 lb	0.5 / 0.5 s	24 V DC \pm 10%	0.40 A	1.00 A	\pm 0.03 mm \pm 0.001 in	1.5 kg 3.31 lb	1.5 kg 3.31 lb

* Recommended workpiece weight depends on the shape of the part, the material and friction of the contact surface and the acceleration of the motion.

Communication Interface **Standard: Modbus RTU (RS485), Digital I/O**
Optional: TCP/IP, USB2.0, CAN2.0A, PROFINET, EtherCAT

IP Protection Class **IP 40**

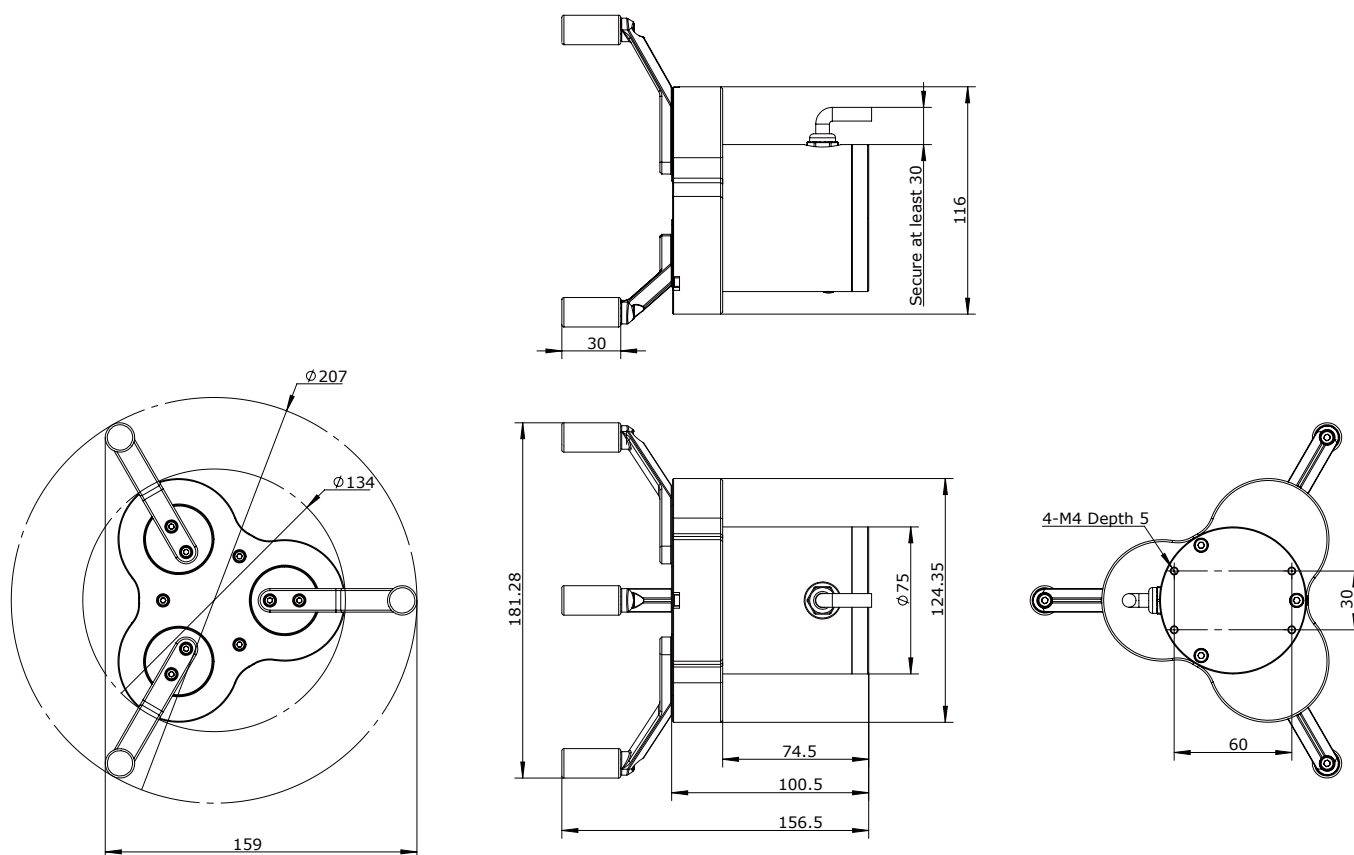
Noise Emission (Sound Pressure) **\leq 40 dB(A) in any direction**

Recommended operating environment **0-40 °C (32-104 °F), < 85% RH**

For this type of gripper the use of the standard fingers is recommended.

PRODUCT INFORMATION

EIG3-65100 3-Finger



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