

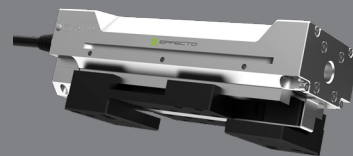
Electric Parallel Grippers

EIG2-40400 2-Finger

EIG is an electric 2-finger parallel gripper that is equipped with two self-centering fingers.

Advantages

- Compact size
- Slim rectangular body with two installation positions for flexible mounting
- Grip actuation via embedded controller
- 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.
- Brake locking mechanism.



SPECIFICATIONS

Model	Stroke per Jaw	Gripping Force per Jaw	Total Gripping Force	Opening/Closing Time	Nominal Voltage	Nominal Current	Max Current	Repeatability (Positioning)	Recommended Workpiece Weight*	Weight (fingers excluded)
EIG2-40400	40 mm 1.57 in	140 - 400 N 31.47 - 89.92 lb	280 - 800 N 62.95 - 179.85 lb	1.0 / 1.1 s	24 V DC $\pm$ 10%	1.00 A	3.00 A	$\pm$ 0.02 mm $\pm$ 0.001 in	8.00 kg 17.64 lb	2.40 kg 5.29 lb

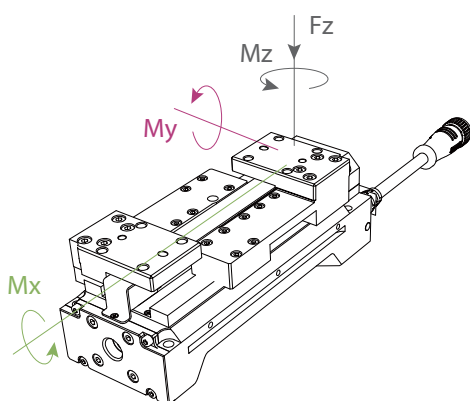
* Recommended workpiece weight depends on the shape of the part, the material and friction of the contact surface and the acceleration of the motion.

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) **$\leq$ 80 dB(A) in any direction**

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



Allowable vertical load (static)

Fz 1000 N (224.81 lb)

Allowable moment (static)

Mx 50 Nm (442.54 in-lb)

My 50 Nm (442.54 in-lb)

Mz 15 Nm (132.76 in-lb)



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