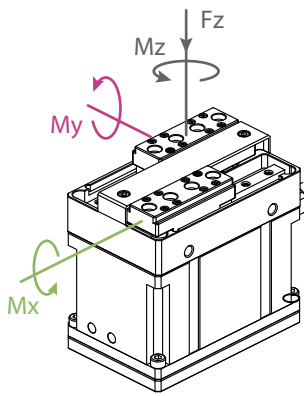


# PGI-140-80

Electric parallel gripper

DH-ROBOTICS



Allowable vertical load (static)

Fz: 300 N

Allowable vertical load (static)

Mx: 7 N·m

My: 7 N·m

Mz: 7 N·m

Gripping force

40~140 N

Stroke

80 mm

Mechanical specifications

Recommended workpiece weight\* 3 kg

Repeat accuracy (positioning)  $\pm 0.03$  mm

Opening/closing time 0.7 s/0.7 s

Driving method Precise planetary gears + Rack and pinion + Linear guide

Weight 1 kg (exclude fingers)

Noise emission < 50 dB

Electrical specifications

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

Rated voltage 24 V DC  $\pm 10\%$

Rated current 0.5 A

Peak current 1.2 A

IP class IP 54

Recommended environment 0~40°C, under 85% RH

\*It depends on the shape of the grasping object, the material and friction of the contact surface, and the acceleration of the motion, if you have any questions, please contact us.

