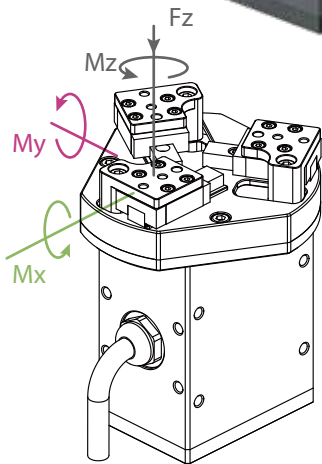


# CGE-10-10

Electric centric gripper

DH-ROBOTICS



Allowable vertical load (static)

Fz: 150 N

Allowable vertical load (static)

Mx: 0.62 N · m

My: 0.62 N · m

Mz: 0.62 N · m

Gripping force

3~10 N

Stroke(per jaw)

10 mm

## Mechanical specifications

Recommended workpiece weight\* 0.1 kg

Repeat accuracy (positioning)  $\pm 0.03$  mm

Opening/closing time 0.3 s/0.3 s

Driving method Rack and pinion+ Linear guide

Weight 0.43 kg

Noise emission < 40 dB

## Electrical specifications

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

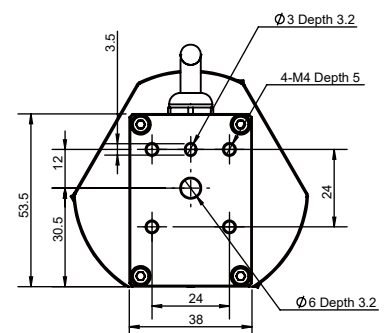
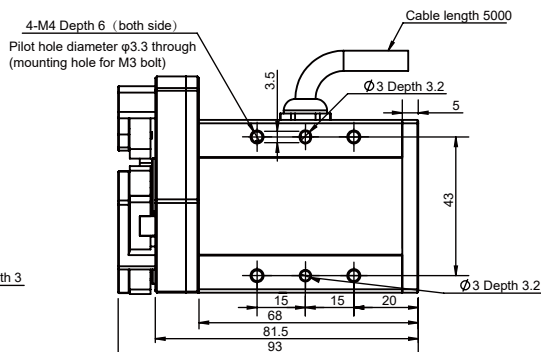
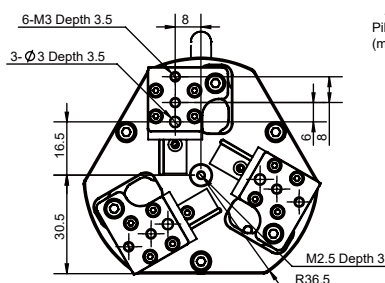
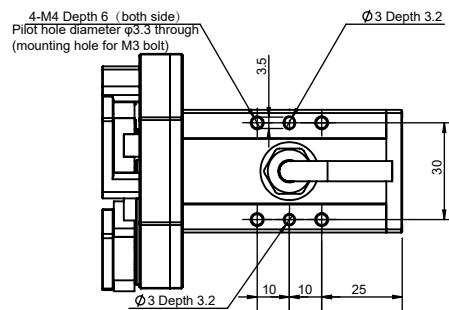
Rated voltage 24 V DC  $\pm 10\%$

Rated current 0.3 A

Peak current 0.6 A

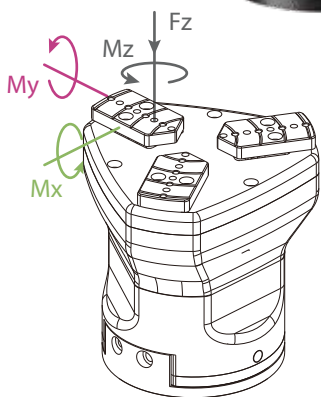
Recommended environment 0~40°C, under 85% RH

\*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.



# CGC-80-10

Collaborative centric gripper



Allowable vertical load (static)

Fz: 200 N

Allowable vertical load (static)

Mx: 2.5 N·m

My: 2 N·m

Mz: 3 N·m

DH-ROBOTICS

Gripping force

20~80 N

Stroke

10 mm

## Mechanical specifications

Maximum recommended load\* 1.5 kg

Repeat accuracy (positioning)  $\pm 0.03$  mm

Opening/closing time 0.2 s/0.2 s

Driving method Rack and pinion + Linear guide

Weight 1.5 kg

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  $\pm 10\%$

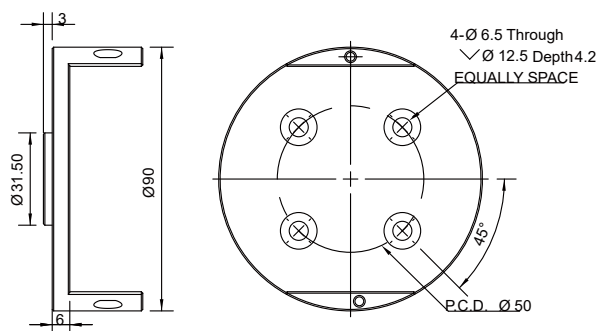
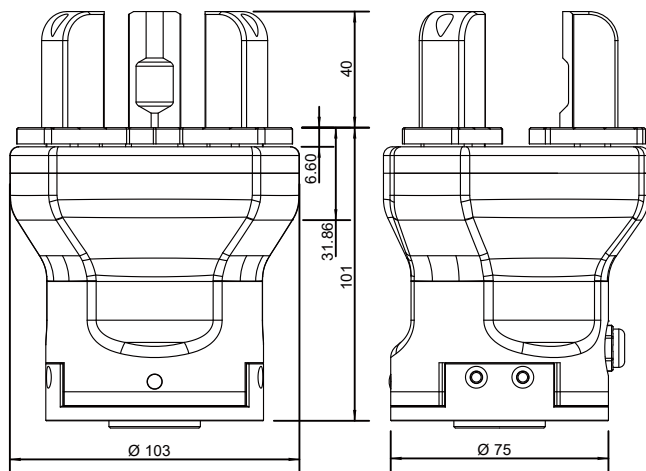
Rated current 0.3 A

Peak current 1 A

IP class IP 67

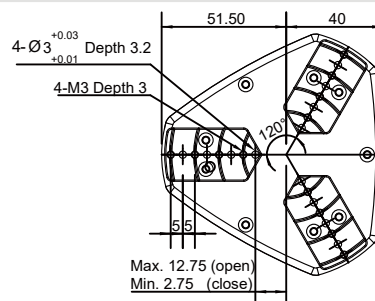
Recommended environment 0~40°C, under 85% RH

\*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.



Conform to ISO 9409-1-50-4-M6 Standard flange

\*If you need to customize the flange, it is recommended to design according to the robot installation hole position, or contact us



Customize finger installation size

# CGI-100-170

Electric centric gripper

DH-ROBOTICS



This type of gripper is recommended to use the standard finger. If you need to replace it in the application, please contact us for confirmation.

Gripping force

Recommended gripping diameter

**30~100 N     $\varnothing 40 \sim \varnothing 170$  mm**

## Mechanical specifications

|                               |               |
|-------------------------------|---------------|
| Recommended workpiece weight* | 1.5 kg        |
| Repeat accuracy (positioning) | $\pm 0.03$ mm |
| Opening/closing time          | 0.5 s/0.5 s   |
| Driving method                | Pinion        |
| Weight                        | 1.5 kg        |
| Noise emission                | < 50 dB       |

## Electrical specifications

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

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

Rated current 0.4 A

Peak current 1 A

IP class IP 40

**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.

