



PGC Series

Collaborative Parallel Grippers

Applications



Machine Tending Pick & Place Packaging Lab Automation Service Robots R & D

Features-PGC Series

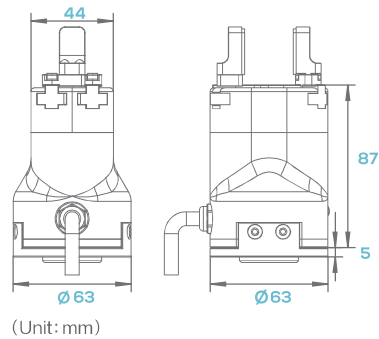
<p>Plug & Play</p> <ul style="list-style-type: none">TCP/IPRS485CANEtherCATI/O.....	<p>IP67 water/dust proof</p> <p>IP67 Protection level</p>	<p>Integrated & compact</p>
<p>Gripping feedbacks</p>	<p>Self-locking</p>	<p>Position/force control</p>

PGC Series

Collaborative parallel grippers

PGC-50

- Compact in design
- Plug & Play
- Gripping feedbacks with drop detection
- Force & position control
- End-of-arm port connection
- Designed for harsh environment
- ROS supported



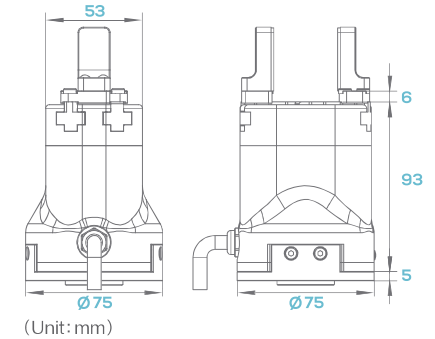
Max payload	1 kg*
Opening stroke	0–35 mm
Gripping force	15–50 N
Weight	0.5 kg
Power supply	24 V DC ±10%
Position repeatability	± 0.03 mm
Full-stroke closing time	0.5 s
Ingress protection rating	IP 54
Communication protocols	I/O, CAN2.0A TCP/IP, USB2.0 Modbus RTU(RS 485) PROFINET, EtherCAT



*Related to the shape of object and friction between object and fingertips.
The offset of centre of gravity may also influence the payload.
Contact DH-Robotics for support if uncertainty remains

PGC-140

- Compact in design
- Plug & Play
- Gripping feedbacks with drop detection
- Force & position control
- End-of-arm port connection supported
- Designed for harsh environment
- ROS supported



Max payload	2.5 kg*
Opening stroke	0–50 mm
Gripping force	40–140 N
Weight	1 kg
Power supply	24 V DC ±10%
Position repeatability	± 0.03 mm
Full-stroke closing time	0.6 s
Ingress protection rating	IP 67
Communication protocols	I/O, CAN2.0A TCP/IP, USB2.0 Modbus RTU(RS 485) PROFINET, EtherCAT



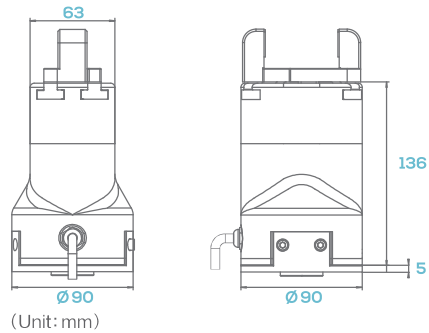
*Related to the shape of object and friction between object and fingertips.
The offset of centre of gravity may also influence the payload.
Contact DH-Robotics for support if uncertainty remains

PGC/CGC Series

Collaborative parallel grippers

PGC-300

- Compact in design
- Plug & Play
- Gripping feedbacks with drop detection
- Force & position control
- End-of-arm port connection
- Designed for harsh environment



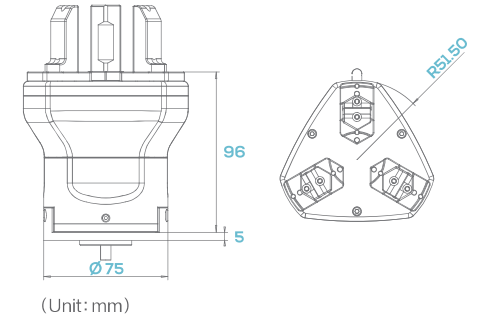
Max payload	6 kg*
Opening stroke	0–75 mm
Gripping force	40–300 N
Weight	1.6 kg
Power supply	24 V DC $\pm 10\%$
Position repeatability	± 0.03 mm
Full-stroke closing time	0.8 s
Ingress protection rating	IP 67
Communication protocols	I/O, CAN2.0A TCP/IP, USB2.0 Modbus RTU(RS 485) PROFINET, EtherCAT



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The offset of centre of gravity may also influence the payload.
Contact DH-Robotics for support if uncertainty remains

CGC-80

- Centric gripping, short cycle time
- Plug & Play
- Gripping feedbacks with drop detection
- End-of-arm port connection
- Designed for harsh environment



Max payload	2 kg*
Opening stroke	0–10 mm
Gripping force	20–80 N
Weight	1.5 kg
Power supply	24 V DC $\pm 10\%$
Position repeatability	± 0.03 mm
Full-stroke closing time	0.2 s
Ingress protection rating	IP 67
Communication protocols	I/O, CAN2.0A TCP/IP, USB2.0 Modbus RTU(RS 485) PROFINET, EtherCAT



*Related to the shape of object and friction between object and fingertips.
The offset of centre of gravity may also influence the payload.
Contact DH-Robotics for support if uncertainty remains