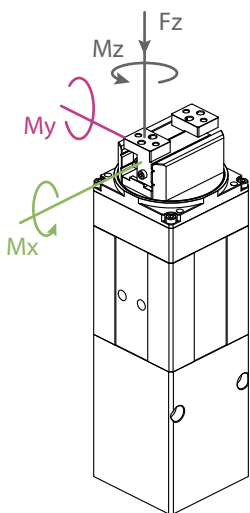


RGI-14

Servo rotating grippers



Allowable vertical load (static)

Fz: 150 N

Allowable moment (static)

Mx: 2 N·m

My: 1.5 N·m

Mz: 2.5 N·m

DH-ROBOTICS

Gripping force(per jaw)

10~35 N

Rotation torque

0.25 N·m

Opening/closing stroke(both sides)

14 mm

Rotation range

Unlimited spin

Mechanical specifications

Maximum rotation speed 1500 deg/s

Rotation speed precision ± 0.02 deg

Rotating Finger backlash ± 1 deg

Position repeatability (both sides) ± 0.02 mm

Opening/closing time 0.2 s/ 0.2 s

Weight 1.0 kg

Electrical specifications

Communication interface Modbus RTU(RS 485) , Digital I/O

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

Nominal current 1.1 A

Peak current 2 A

Ingress protection rating IP 20

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

