



Rotating gripper DHR5-25-A

1310162

URL:<https://www.sxplc.com/rotating-gripper-dhrs-25-a-1310162>

Product data sheet

Specifications

twenty-five

Maximum replacement accuracy

≤ 0.2 mm

Maximum opening angle

180 deg

Rotational symmetry

≤ 0.2 mm

Repetitive accuracy, claw hand

≤0.1 mm

The number of claws held by the gripper

two

Installation location

Optional

Working mode

Double action

Claw function

radial

Structural characteristics

Forced pilot work movement sequence

position detection

By proximity switch

Symbol

00991894

working pressure

2 bar ... 8 bar

The maximum working frequency of the gripper

≤ 3 Hz

Minimum opening time at 6 bar

102 ms

Minimum closing time at 6 bar

105 ms

Working medium

Compressed air, in accordance with ISO 8573-1:2010 [7:4:4]

Description of Work and Pilot Media

Can work with lubricating medium (must continue to work with lubricating medium thereafter)

Corrosion resistance grade CRC

1- Low corrosion resistance

Paint Wetting Defect Substance (PWIS) Compliance

VDMA24364-B2-L

Suitable for lithium-ion battery production

Do not use metals with copper content exceeding 5%. Exceptions: Printed circuit boards, cables, electrical plug connectors, and coils

ambient temperature

5 °C ... 60 °C

At 0.6 MPa (6 bar, 87 psi), open the total gripping torque

233 Ncm

Total gripper torque, closed, 6 bar

215 Ncm

Moment of inertia

0.69 kgcm²

The maximum force Fz on the gripper, static

75 N

Maximum torque Mx of gripper, static

3.2 Nm

Maximum torque of the gripper M_y , static

3.2 Nm

Maximum torque of the gripper M_z , static

3.2 Nm

Product weight

270 g

Installation method

or

Through internal threads and locating sleeves

Through through-holes and positioning sleeves

Pneumatic interface

M5

Material Description

RoHS compliance

End cover material

PA

Shell material

Hard anodized refined aluminum alloy

Claw grip material

High alloy steel

