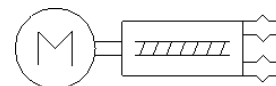
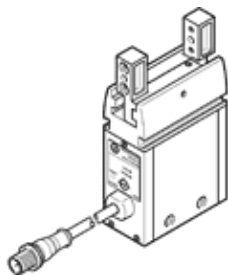


parallel gripper EHPS-25-A

Part number: 8070830

FESTO



Data sheet

| Feature | Value |
|---|--|
| Size | 25 |
| Stroke per gripper jaw | 16 mm |
| Max. replacement accuracy | ≤ 0.2 mm |
| Max. angular gripper jaw backlash ax,ay | 0.3 deg |
| Max. gripper jaw backlash Sz | 0.04 mm |
| Rotationally symmetrical | ≤ 0.2 mm |
| Repetition accuracy, gripper | ≤ 0.01 mm |
| Number of gripper fingers | 2 |
| Assembly position | Any |
| Gripper function | Parallel |
| Design structure | Worm gear unit T-shaped Rack and pinion Electric gripper |
| Conforms to standard | IEC 61010-1 |
| Guide | Plain-bearing guide |
| Position detection | For proximity sensor |
| Motor type | DC servo motor |
| Control elements | Latched switch |
| Ready status display | LED |
| Max. cycle frequency | 0.8 Hz |
| Max. current consumption | 2 A |
| Nominal operating voltage DC | 24 V |
| Permissible voltage fluctuation | +/- 10 % |
| Authorisation | RCM Mark |
| KC mark | KC-EMV |
| CE mark (see declaration of conformity) | to EU directive for EMC in accordance with EU RoHS directive |
| Corrosion resistance classification CRC | 1 - Low corrosion stress |
| Sound pressure level | ≤ 70 dB(A) |
| Protection class | IP40 |
| Ambient temperature | 5 ... 60 °C |
| Mass moment of inertia | 5.24 kgcm ² |
| Max. force on gripper jaw Fz static | 450 N |
| Max. torque at gripper Mx static | 28 Nm |
| Max. torque at gripper My static | 16 Nm |
| Max. torque at gripper Mz static | 28 Nm |
| Lubrication interval for guide components | 2 Mio SP |
| Max. ground per external gripper finger | 230 g |
| Product weight | 904 g |
| Electrical connection | Cable with plug M12x1 5-pin |
| Mounting type | Optional Internal thread and centring sleeve With through-hole and centring sleeve |
| Materials note | Conforms to RoHS |
| Material housing | Anodised aluminium |
| Material gripper jaws | High alloy steel, non-corrosive |