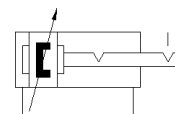
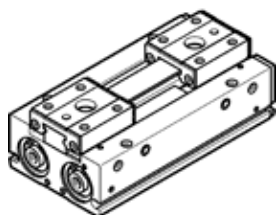


平行夾爪 HPPF-20-40-A

料號: 8143408

FESTO



技術參數

| 特性 | 值 |
|---|--|
| 尺寸 | 20 |
| 行程總和 | 40 mm |
| 每個夾爪夾指的行程 | 20 mm |
| 擺動夾爪夾指在ax, ay軸向上的最大反衝 | 0 deg |
| 夾爪夾指在Sz方向上的最大反衝 | 0 mm |
| 夾爪的重複精度 | <= 0.06 mm |
| 夾爪指的數量 | 2 |
| Drive system | 氣壓 |
| 裝配位置 | 任何 |
| 操作模式 | 雙動 |
| 緩衝 | P: 兩端具彈性緩衝環/板 |
| 夾爪功能 | 平行 |
| 後備夾爪力 | 無 |
| 設計結構 | Flat mounting of gripper fingers 齒輪齒條機構 有導向的動作順序 |
| 導向 | Ball guide |
| 位置檢測 | 用於近接感測器 |
| 多樣型 | Recommended for production facilities for the manufacture of lithium-ion batteries |
| Total gripping force at 0.6 MPa (6 bar, 87 psi), opening | 377 N |
| Total gripping force at 0.6 MPa (6 bar, 87 psi), closing | 377 N |
| Operating pressure MPa | 0.1 ... 0.7 MPa |
| 操作壓力 | 1 ... 7 bar |
| Operating pressure | 14.5 ... 101.5 psi |
| 夾爪的最大工作頻率 | 1 Hz |
| Min. opening time at 0.6 MPa (6 bar, 87 psi) | 120 ms |
| Min. closing time at 0.6 MPa (6 bar, 87 psi) | 110 ms |
| 操作介質 | 壓縮空氣符合 ISO8573-1:2010 [7:4:4] |
| 注意: 操作和嚮導介質 | 潤滑操作可行 (隨後需要進一步操作) |
| 耐腐蝕等級 CRC | 0 - No corrosion stress |
| PWIS conformity | VDMA24364 zone III |
| RSBP classification to CD-0033 | F1a |
| 無塵室等級 | ISO class 7 |
| 環境溫度 | -10 ... 60 °C |
| Gripping force per gripper jaw at 0.6 MPa (6 bar, 87 psi) opening | 188.5 N |
| Gripping force per gripper jaw at 0.6 MPa (6 bar, 87 psi) closing | 188.5 N |
| 夾爪夾指靜態時Fz的最大作用力 | 294 N |
| 最大扭矩Mx | 4 Nm |
| 最大扭矩My | 2 Nm |
| 最大扭矩Mz | 2 Nm |
| 產品重量 | 887 g |
| 安裝類型 | Direct mounting via through-holes Direct mounting via threads |
| 氣壓連接 | M5 |
| 材料備註 | 符合 RoHS |

| 特性 | 值 |
|-----------------------|----------------------------------|
| Material cover cap | Anodised wrought aluminium alloy |
| Material cover | Anodised wrought aluminium alloy |
| Material end plate | 高合金鋼, 耐腐蝕 |
| Material housing | Anodised wrought aluminium alloy |
| Material gripper jaws | 高合金鋼 |
| Material piston seal | TPE-U(PU) |
| Material o-ring | NBR |
| Material screws | Coated steel |
| Gear rack material | 高合金鋼, 耐腐蝕 |