

CTDH3F110

Jiuzhang Dexterous Three-Finger Hand

High Precision

Repetitive positioning accuracy up to $\pm 0.02\text{mm}$, precise motion control with minimal error.

Fast Response

Grasping speed up to $140^\circ/\text{s}$, opening/closing time only 0.8s, efficient and fast motion execution.

Built-in Drive

Built-in drive, no need for additional external drive, high integration and convenient installation.



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Alibaba Store

Gripping Force
(Single Finger) **10N**



Stable Gripping
and Lifting **4kg**



Grasp load (For grasping
and pulling action) **6kg**



Envelope load
(Envelope lift) **2kg**



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|--------------------------------------|--|
| Product Model | CTDH3F110 |
| Degrees of Freedom | 9 |
| Number of Joints | 9 |
| Stroke (mm) | 110 |
| Grasping Speed (°/s) | 140 |
| Driving Method | Motor Drive |
| Current (A) | 5 |
| Voltage (V) | 24 |
| Repetitive Positioning Accuracy (mm) | ±0.02 |
| Is Drive External | No |
| Power-off Self-locking | No |
| Self-weight (kg) | 1.2 |
| Opening/Closing Time (s) | 0.8 |
| IP | IP40 |
| Working Environment | 0~35°C, Below 85% RH (No Condensation) |
| Communication Protocol | Modbus RTU |
| Achievable Movements | Complex human hand movements included grasping, pinching, pressing, finger opening/closing, etc. |