

# 拓星辰 TRH002-600-150



**±0.015mm**

重复定位精度  
Repeat Positioning Accuracy

**0.38s**

标准循环时间  
Standard Cycle Time

**2KG/5KG**

额定/最大负载  
Rated load  
Max load

**600mm**

臂展  
Arm Stroke

|   |                    |                         |
|---|--------------------|-------------------------|
| 产品型号 ROBOT MODEL                              |                    | TRH002-600-150          |
| 臂展 Arm Stroke                                 | 第1-2关节 1-2 Axis    | 600mm                   |
| Z轴行程 Z axis Stroke                            |                    | 150mm                   |
| 负载 Payload                                    | 额定负载 Rated load    | 2KG                     |
|   | 最大负载 Max load      | 5KG                     |
| J4惯性力矩<br>J4 moment of inertia                | 额定 Rated           | 0.01kg · m <sup>2</sup> |
|   | 最大 Max             | 0.1kg · m <sup>2</sup>  |
| 重复定位精度 Repeat Positioning Accuracy            |                    | ±0.015mm                |
| 标准循环时间(额定负载) Standard Cycle Time (rated load) |                    | 0.38s                   |
| 运动范围 Movement range                           | 第1关节 J1 Axis       | ±131°                   |
|   | 第2关节 J2 Axis       | ±144°                   |
|   | 第3关节 J3 Axis       | 150mm                   |
|   | 第4关节 J4 Axis       | ±360°                   |
| 最大运动速度<br>Max movement speed                  | 第1关节 J1 Axis       | 420° /s                 |
|   | 第2关节 J2 Axis       | 720° /s                 |
|   | 第3关节 J3 Axis       | 1067mm/s                |
|   | 第4关节 J4 Axis       | 1946° /s                |
| 标配IO数量 Standard IO quantity                   |                    | 16DI/16DO(NPN)          |
| 电压 Voltage                                    | 单相 220V ±10%, 50Hz |                         |
| 功率 Power                                      | 0.8kW              |                         |
| 机械臂防护等级 Arm protection level                  |                    | IP20                    |
| 控制柜防护等级 Control cabinet protection level      |                    | IP20                    |
| 本体重量 Body weight                              |                    | 18KG                    |

\*本手册图片仅供参考，外观以实物为准。本说明若有任何细节之更改，恕不另行通知。本手册所标注数据来源于拓斯达实验室数据，可能与实际数据存在差异。  
The pictures in this manual are for reference only, and the appearance is subject to the actual product. This description is subject to change without notice if any details are changed.  
The data marked in this manual comes from the data of Topstar Labs, which may be different from the actual data.

# 运动空间及外形安装尺寸图

Motion range and installation dimension drawing

