



Parallel Robot

D3W-25/1200-370

The standard cycle time is less than 0.67s to meet the demand for maximum speed and economic

Special compression spring design ensure that the service life and easy to dismounting.

Widely used in the food and beverage, pharmaceutical, and healthcare industries for picking, packaging and handling.

SPECIFICATIONS

Robot Version D3W-25/1200-370

Axes. 3

Maximum Payload 25kg

Maximum Working Diameter 1200 mm

Working Height 370 mm

Mounting Inverted

Manipulator Weight 143 kg

Angle Range of Active Arm

Upper Arm 33.8°

Lower Arm 87.8°

Position Repeatability ± 0.05 mm

Power Requirements

Supply Voltage 220V/380V/3-Phase 220V/1-Phase 49-61 HZ

Rated Power 9 kW

Transformer rating 15kVA

Environment Requirements

Storage Temperature $-10^{\circ}\text{C}\sim 70^{\circ}\text{C}$

Working Temperature $-10^{\circ}\text{C}\sim 50^{\circ}\text{C}$

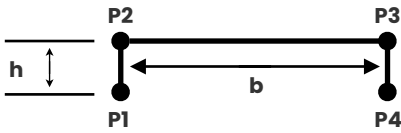
Humidity Range Max. 90%

Protection IP55





LOAD-FREQUENCY



Trajectory 1 $h=25, b=305$ P1 - P2 - P3 - P4 - P3 - P2 - P1

Trajectory 2 $h=25, b=305$ P1 - P2 - P3 - P4 - P3 - P2 - P1

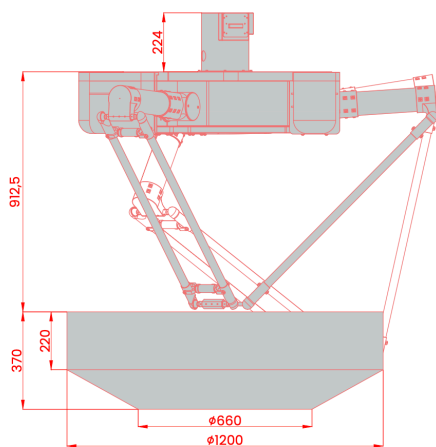
Trajectory 3 $h=25, b=305$ P1 - P2 - P3 - P2 - P1

Trajectory 4 $h=25, b=305$ P1 - P2 - P3 - P2 - P1

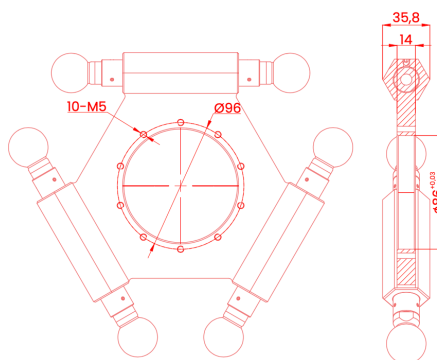
Cycles/min	0.00kg	3.00kg	6.00kg	9.00kg	12.00kg	15.00kg	18.00kg	21.00kg	25.00kg
Trajectory 1	117.00	104.00	91.00	78.00	78.00	71.50	65.00	58.5	58.5
Trajectory 2	104.00	91.00	78.00	65.00	65.00	58.50	52.00	45.5	45.5
Trajectory 3	134.55	119.60	104.65	89.70	89.70	82.23	74.75	67.275	67.275
Trajectory 4	114.40	100.10	85.80	71.50	71.50	64.35	57.20	50.05	50.05

The cycle times are measured under real conditions, but may vary depending on the actual application.

Dimensions & Range of Motion(mm)



Flange(mm)



Mounting Base(mm)

