T3

Outstanding cost-efficiency and ease of use for significantly lower total operating cost

- Built-in controller reduces installation space and cabling requirements
- Convenient I/O ports located close to effector (including 24V power supply)
- Batteryless motor unit for reduced maintenance
- Operates on AC100V~240V power
- Superior energy-saving performance

Model Number **T3 - B40 1 S**

- Payload: 3 : 3kg
- Arm length: 40 : 400mm
- Environment: S : Standard
- Joint #3 stroke: 1 : 150mm

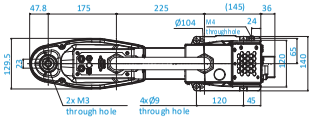
Specifications

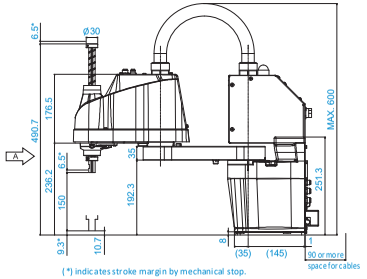
Model name		T3
Model number		T3-B401S
Arm length	Arm #1, #2	400mm
Payload (Load) *1	Rated	1kg
	Max.	3kg
Repeatability	Joints #1-2	± 0.02 mm
	Joint #3	± 0.02 mm
	Joint #4	± 0.02 deg
Standard cycle time*2		0.54 sec
Max. operating speed	Joints #1-2	3700 mm/sec
	Joint #3	1000 mm/sec
	Joint #4	2600 deg/sec
Joint #4 allowable moment of inertia*3	Rated	0.003 kg·m²
	Max.	0.01 kg·m²
Joint #3 down force		83 N
Installation Environment		Standard (IP20)
Mounting type		Table Top
Weight (cables not included)		16 kg
Applicable Controller		Built in controller
Installed wire for customer use		Hand I/O: IN6/OUT4 (D-sub 15 pin), 24 V User I/O: IN18/OUT12
Installed pneumatic tube for customer use		Φ6 mm x 2, Φ4 mm x 1: 0.59 MPa (6 kgf/cm²)
Power		AC100-240 V
Power Consumption*4		0.66 kVA
Cable length		5 m
Safety standard		CE, KC

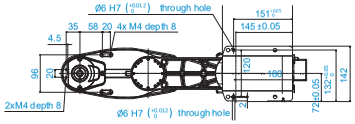
*1: Do not apply the load exceeding the maximum payload.
*2: Cycle time based on round-trip arch motion (300mm horizontal, 25mm vertical) with 1 kg payload (path coordinates optimized for maximum speed).
*3: If the center of gravity is at the center of each arm. If the center of gravity is not at the center of each arm, set the eccentric quantity using INERTIA command.
*4: Varies according to operating environment and program.

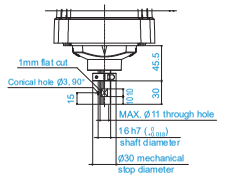
Outer Dimensions (Table Top Mounting)

[Unit: mm]





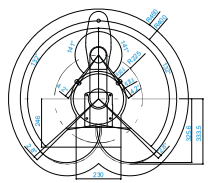




Detail view from "A"
(Calibration point position of joints #3 and #4)

Motion Range (Table Top Mounting)

T3-401S



T6

Outstanding cost-efficiency and ease of use for significantly lower total operating cost

- Handles up to 6kg with 600mm arm length
- Built-in controller reduces installation space and cabling requirements
- Convenient I/O ports located close to effector (including 24V power supply)
- Batteryless motor unit for reduced maintenance
- Operates on AC100V–240V power

Model Number **T6 - B60 1 S**

- Payload: 6 : 6kg
- Arm length: 60 : 600mm
- Environment: S : Standard
- Joint #3 stroke: 2 : 200mm

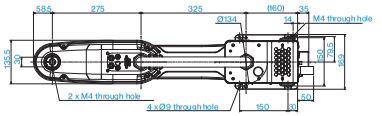
Specifications

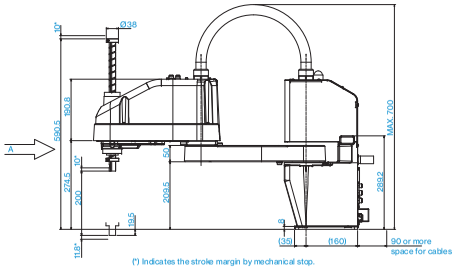
Model name		T6
Model number		T6-B602S
Arm length	Arm #1, #2	600 mm
Payload (Load) *1	Rated	2 kg
	Max.	6 kg
Repeatability	Joints #1-2	±0.04 mm
	Joint #3	± 0.02 mm
	Joint #4	± 0.02 deg
Standard cycle time*2		0.49 sec
Max. operating speed	Joints #1-2	4180 mm/sec
	Joint #3	1000 mm/sec
	Joint #4	1800 deg/sec
Joint #4 allowable moment of inertia*3	Rated	0.01 kg·m²
	Max.	0.08 kg·m²
Joint #3 down force		83 N
Installation Environment		Standard (IP20)
Mounting type		Table Top
Weight (cables not included)		22 kg
Applicable Controller		Built in controller
Installed wire for customer use		Hand I/O: IN6/OUT4 (D-sub 15 pin), 24 V User I/O: IN18/OUT12
Installed pneumatic tube for customer use		Φ6 mm x 2, Φ4 mm x 1: 0.59 MPa (6 kgf/cm²)
Power		AC100-240 V
Power Consumption*4		1.2 kVA
Cable length		5 m
Safety standard		CE, KC

*1: Do not apply the load exceeding the maximum payload.
*2: Cycle time based on round-trip arch motion (300mm horizontal, 25mm vertical) with 2 kg payload (path coordinates optimized for maximum speed).
*3: If the center of gravity is at the center of each arm. If the center of gravity is not at the center of each arm, set the eccentric quantity using INERTIA command.
*4: Varies according to operating environment and program.

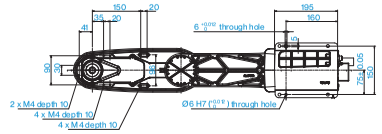
Outer Dimensions (Table Top Mounting)

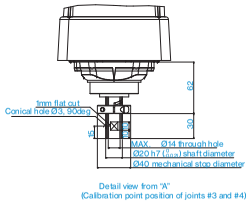
[Unit: mm]

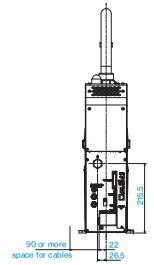


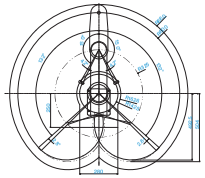


(*) Indicates the stroke margin by mechanical stop.







Motion Range (Table Top Mounting)

T6-602S