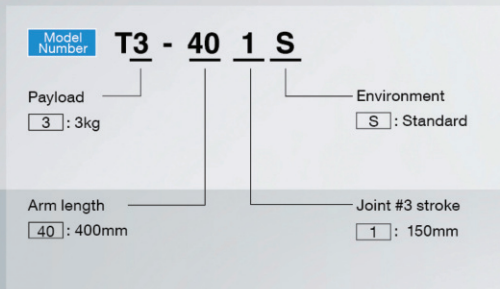


T3

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 (over 50%* reduction in energy consumption), max. electricity consumption 660VA

* In comparison to LS series (T3-401S vs. LS3-401S, T6-602S vs. LS6-602S) based on in-house testing as of January 2018. Actual electricity consumption will vary according to operating conditions and environment.



Specifications

Model name		T3
Model number		T3-401S
Arm length	Arm #1, #2	400 mm
Payload (Load) *1	Rated	1 kg
	Max.	3 kg
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-m ²
	Max.	0.01 kg-m ²
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/cm ²)
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.

