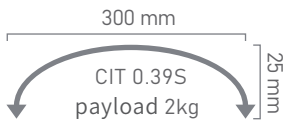


Model P6-502S

Operating range Arm length 500mm Joint#3 stroke 200mm

Payload Rated 2kg/Maximum 6kg

Standard cycle time 0.39sec



Cycle time based on round-trip arch motion (300mm horizontal,25mm vertical)
with 2kg payload (path coordinates optimized for maximum speed)

Repeatability $\pm 0.02\text{mm}$ $\pm 0.01\text{mm}$ $\pm 0.01^\circ$
Joint #1,#2 Joint #3 Joint #4

Parameters of each axis

Joint Content	#1	#2	#3	#4
MAX Operating Speed	6150 mm/s		1100mm/s	2000°/s
MAX Motion Range	$\pm 132^\circ$	$\pm 150^\circ$	200mm	$\pm 360^\circ$
Motor Power Consumption	400W	400W	200W	100W
Joint#3 down force			100N	
Weight	19kg (cables not included)			

Joint #4 allowable moment of inertia, rate 0.01kg·m², maximum 0.12kg·m²

Electrical parameters	Origin Return	None Need Origin Return
	Installed wire for customer	26 Pin (D-Sub Connector)
	Installed pneumatic tube for customer use	φ4mm*2, φ6mm*2
	Visual Interface	M12*2 Gigabit network interface
	Installation Environment	Standerd/Clean (Customized)

Outer Dimensions and Motion Range

