

Essential functionality
Smart choice for parts transfer

- Max. 700mm Reach; 6Kg Payload
- Exceptional Price Performance
- Compact, low-profile body saves space
- Same Powerful yet easy to use Epson RC+ software as our high end robots



Model Number **LA 6 - A □ 0 2 S**

Payload **6** : 6kg

Arm length **50** : 500mm
60 : 600mm
70 : 700mm

Installation Environment **5** : Standard

Joint #3 stroke **2** : 200mm

■ Specifications

Model number		LA6-A502S	LA6-A602S	LA6-A702S
Arm length	Arm #1+#2	500 mm	600 mm	700 mm
	Arm #3	200 mm		
Payload *1	Rated	2 kg		
	Max.	6 kg		
Repeatability	Joints #1+#2	±0.02 mm		
	Joint #3	±0.01 mm		
	Joint #4	±0.01 deg		
Standard cycle time *2		0.396 sec	0.404 sec	0.428 sec
Maximum operating speed	Joints #1+#2	6150 mm/sec	6800 mm/sec	7450 mm/sec
	Joint #3	1100 mm/sec		
	Joint #4	2000 deg/sec		
Joint #4 allowable moment of inertia *3	Rated	0.01 kg•m2		
	Max.	0.12 kg•m2		
Joint #3 press force		100 N		
Installation environment		Standard		
Mounting method		Tabletop mounting		
Weight (not include the weight of cables)		16 kg		17 kg
Installed wire for customer use		—		
Installed pneumatic tube for customer use		—		
Compatible controller		RC800L		
Power supply		AC200-240 V Single phase		
Maximum rated capacity*4		0.9 kVA		
Cable length		Standard: 3 / 5 / 10 / 15 / 20 m		
Safety standard		CE		

*1 : Do not apply the load exceeding the maximum payload. *2 : Cycle time based on round-trip arch motion (300 mm horizontal, 25 mm vertical) at rated payload setting, path coordinates optimized for maximum speed.

*3: Set the parameters by the Inertia command according to the load and end effector status (refer to the instruction manual for the parameter calculation method).

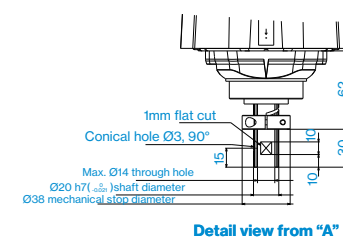
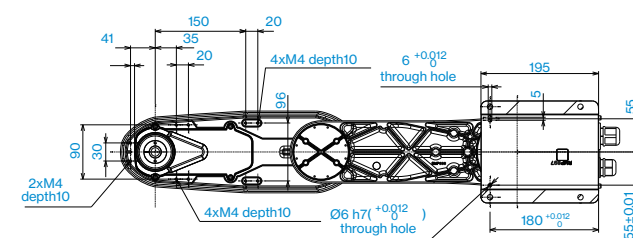
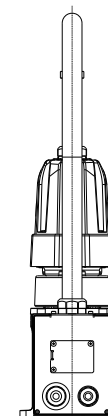
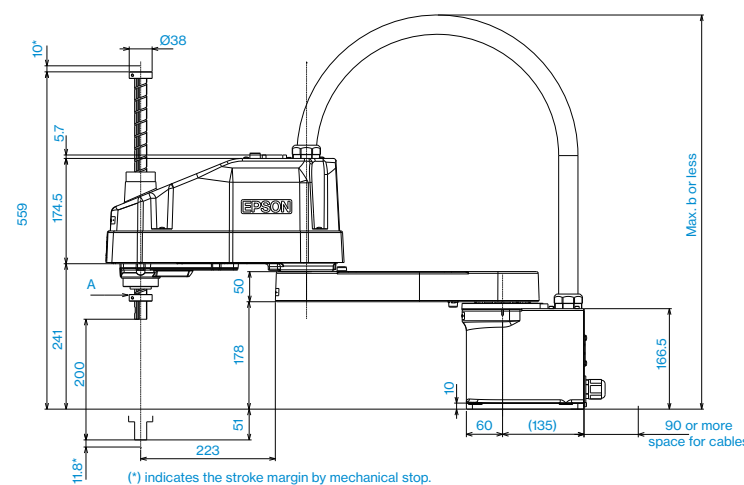
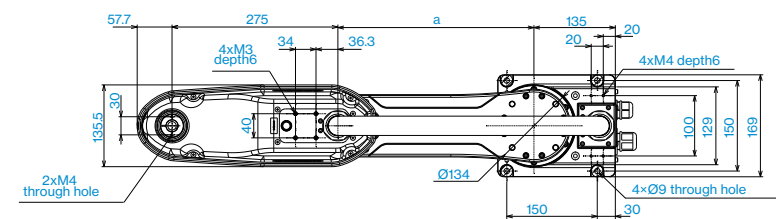
*4: Varies according to operating environment and program.

The values of the products listed on this page are measured under various conditions of in-house evaluation. They may vary depending on the environment and conditions of use.

■ Outer Dimensions

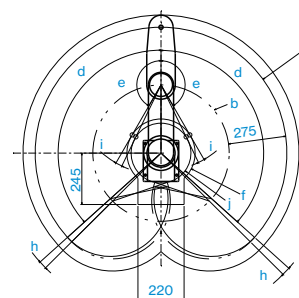
[Unit: mm]

Standard-model



	LA6-A502S	LA6-A602S	LA6-A702S
a	225	325	425
b	610	660	685

■ Motion Range



Model	LA6-A502S	LA6-A602S	LA6-A702S
a Arm #1 + Arm #2 length (mm)	500	600	700
b Arm #1 length (mm)	225	325	425
c Arm #2 length (mm)		275	
d Joint #1 motion angle (°)		132	
e Joint #2 motion angle (°)		150	
f Motion range (mm)	138.1	162.6	232
h Angle of the Joint #1 mechanical stop (°)		2.8	
i Angle of the Joint #2 mechanical stop (°)		4.2	
j Mechanical stop area (mm)	121.8	142.5	214