

Bat-series Delta Robot

Bat600C-S3

It features high speed and agility, high positioning accuracy and strong power, facilitating high-speed and high-precision flexible production.

Applicable industries

Sorting, handling, loading and unloading, boxing, gluing, and other links in electronics, food, medicine, daily chemicals, logistics, and new energy.

Product features

Load	3kg
Working space diameter	600mm
Repeat positioning accuracy	± 0.05 mm
Configuration	Standard 3-axis



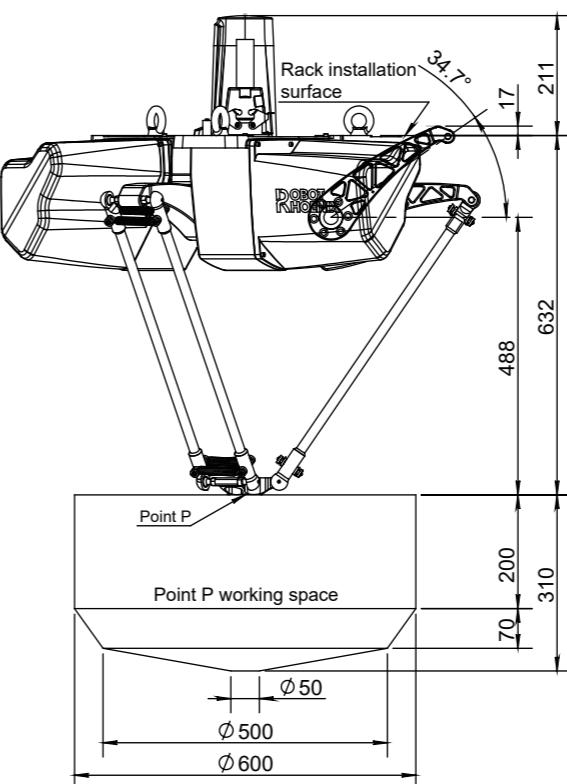
Bat600C-S3

Specification

Rated load	3kg						
Max. load	12kg						
Working space diameter	600mm						
Number of axes	3						
Repeat positioning accuracy	± 0.05 mm						
25/305/25	<table border="1"> <tr> <td>0.1kg</td> <td>0.26s</td> </tr> <tr> <td>1kg</td> <td>0.27s</td> </tr> <tr> <td>3kg</td> <td>0.33s</td> </tr> </table>	0.1kg	0.26s	1kg	0.27s	3kg	0.33s
0.1kg	0.26s						
1kg	0.27s						
3kg	0.33s						
90/400/90	<table border="1"> <tr> <td>0.1kg</td> <td>0.33s</td> </tr> <tr> <td>1kg</td> <td>0.34s</td> </tr> <tr> <td>3kg</td> <td>0.38s</td> </tr> </table>	0.1kg	0.33s	1kg	0.34s	3kg	0.38s
0.1kg	0.33s						
1kg	0.34s						
3kg	0.38s						
Power supply voltage	Three-phase AC 220 V $\pm 10\%$, 50/60 Hz						
Rated power	3.2KW						
Ambient temperature	0-45°C						
Relative humidity	5-95%						
Degree of protection	IP54						
Safety	Equipped with monitoring, emergency stop, and installation functions						
Radiation	EMC shielding						
Installation method	Hoisting						
Weight of the robot body	67kg						
I/O interface	4-channel configurable digital I/O 8-channel universal digital I/O (8 additional I/O channels can be added) 2-channel encoder input						
Ethernet	2						
USB	2						
RS232/RS485	1						
EtherCAT	1						
Communication protocol	Modbus-RTU/TCP、Socket						

*: For specific requirements regarding line selection, interface configuration, and other optional needs, please consult the technicians of RobotPhoenix.

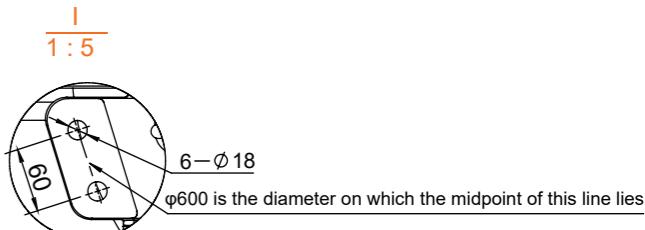
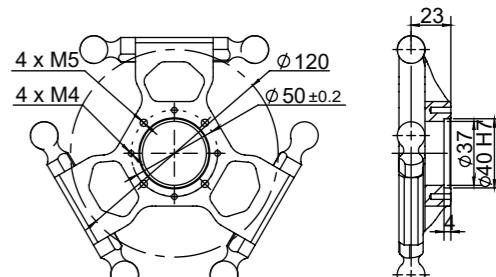
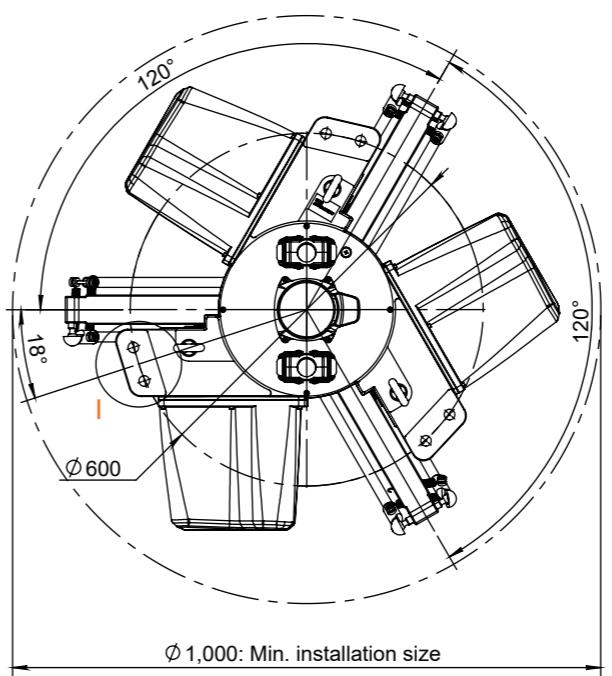
Working range



Model

Model	Bat600C-S3
Distance from installation surface to top of equipment	211mm
Max. upper arm elevation and horizontal plane angle	34.7°
Max. elevation of the upper arm to the height of the installation surface	17mm
Distance from installation surface to upper plane of working space	632mm
Distance from the reducer shaft center to the upper plane of the working space	488mm
Total height of the upper and lower limits of the working space	310mm
Height of the cylindrical part of the working space	200mm
Height of the conical frustum part of the working space	70mm
Transition diameter of the conical column in the working space	500mm
Bottom diameter of the conical column in the working space	50mm
Diameter of the circular table part of the working space	600mm
Min. installation size of the robot body	1000mm

Installation size



*: Any changes resulting from upgrading our products will not be notified separately.