



# Standard Specifications

## RS007L-B

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Kawasaki Heavy Industries, Ltd.  
Robot Business Division

Specification number : 90151-0314DEC

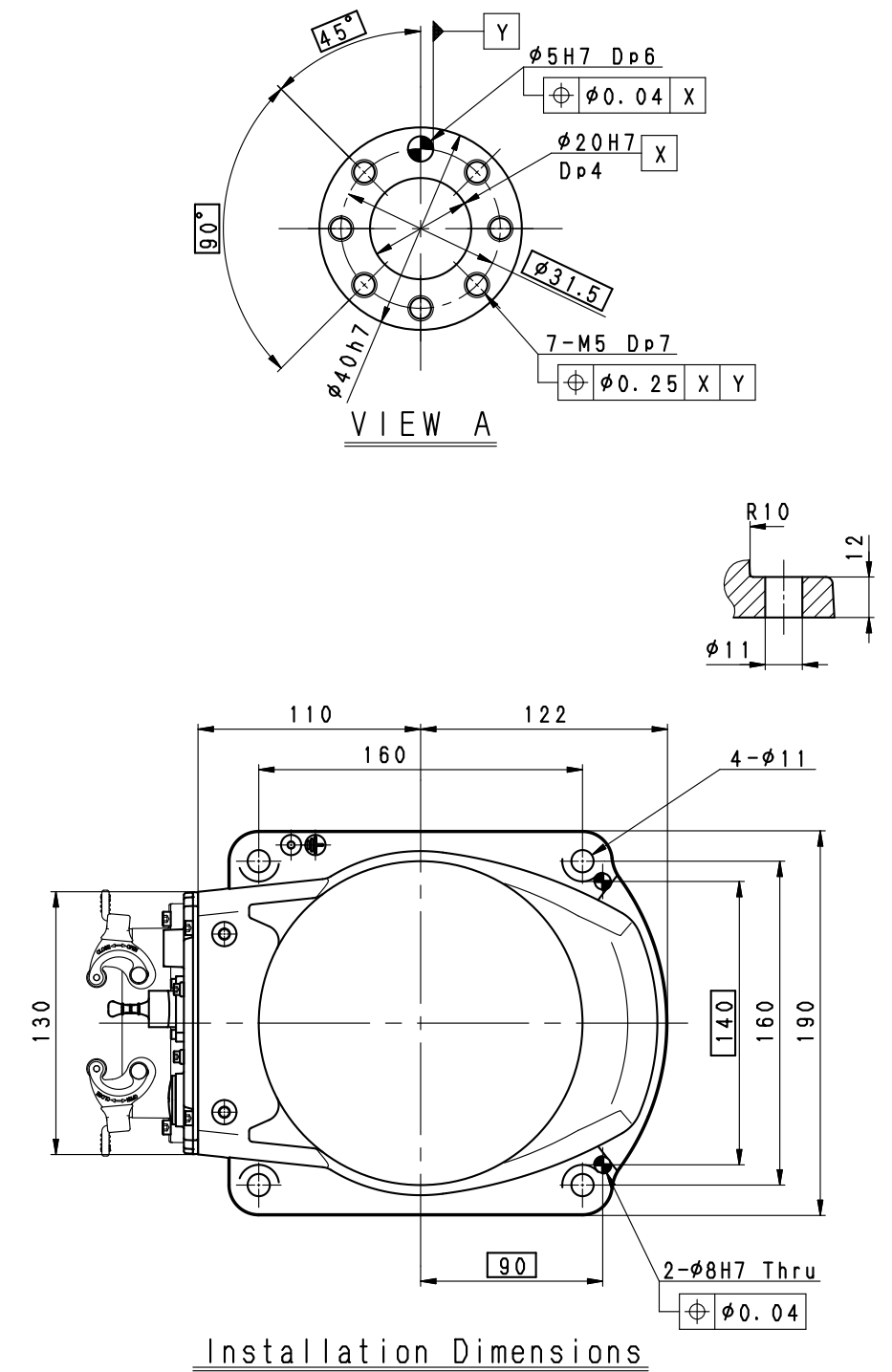
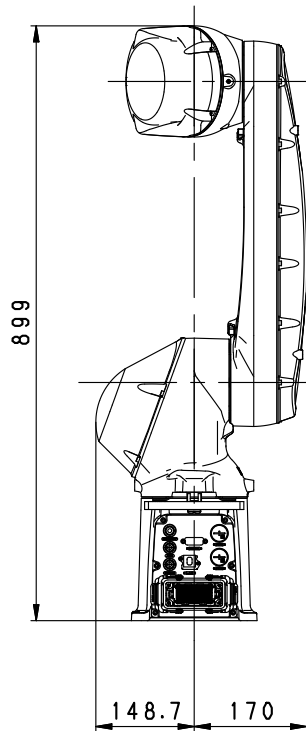
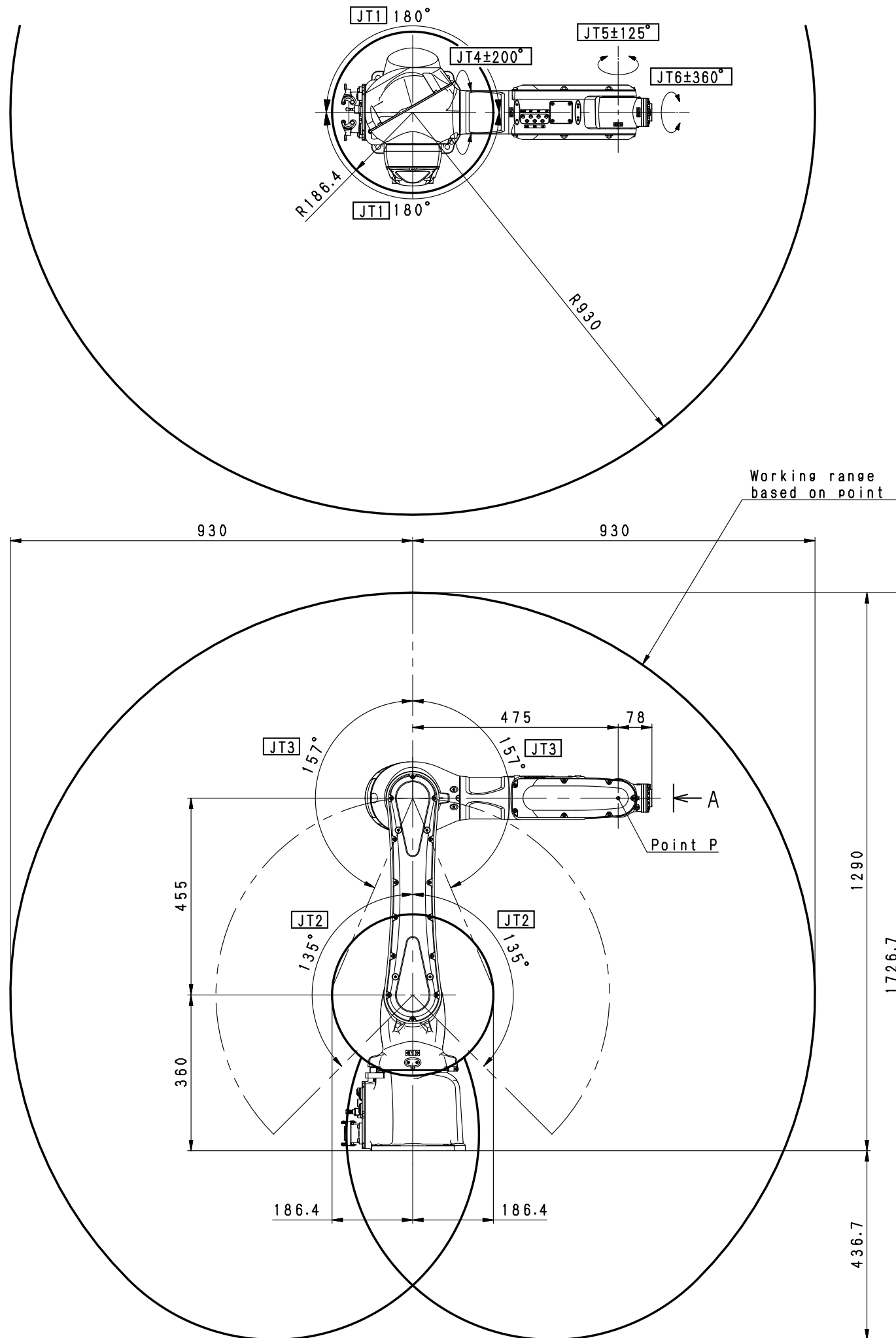
Materials and specifications are subject to change without notice.

## Robot specifications

1. Model	RS007L-B																									
2. Type	Articulated robot																									
3. Degree of freedom	6 axes																									
4. Max. payload	7 kg																									
5. Max. reach	930 mm																									
6. Position repeatability	±0.03 mm (wrist flange surface) conforms to ISO 9283																									
7. Axis specification	<table border="1"> <thead> <tr> <th>Operating axis</th> <th>Motion range</th> <th>Max. speed</th> </tr> </thead> <tbody> <tr> <td>Arm rotation (JT1)</td> <td>±180°</td> <td>370°/s</td> </tr> <tr> <td>Arm out-in (JT2)</td> <td>±135°</td> <td>310°/s</td> </tr> <tr> <td>Arm up-down (JT3)</td> <td>±157°</td> <td>410°/s</td> </tr> <tr> <td>Wrist swivel (JT4)</td> <td>±200°</td> <td>550°/s</td> </tr> <tr> <td>Wrist bend (JT5)</td> <td>±125°</td> <td>550°/s</td> </tr> <tr> <td>Wrist twist (JT6)</td> <td>±360°</td> <td>1,000°/s</td> </tr> </tbody> </table>		Operating axis	Motion range	Max. speed	Arm rotation (JT1)	±180°	370°/s	Arm out-in (JT2)	±135°	310°/s	Arm up-down (JT3)	±157°	410°/s	Wrist swivel (JT4)	±200°	550°/s	Wrist bend (JT5)	±125°	550°/s	Wrist twist (JT6)	±360°	1,000°/s			
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9. Mass	36 kg (without options)																									
10. Mounting	Floor or Ceiling mounting																									
11. Installation Environment	Ambient Temperature : 0 - 45 °C Relative Humidity : 35 - 85 % (with no dew condensation)																									
12. Color	Munsell 10GY9/1 equivalent																									
13. Degree of protection	Wrist: IP67 equivalent, Arm: IP65 equivalent																									
14. Cleanliness	Class 6 equivalent Not a guaranteed value																									
15. Built-in utilities	Pneumatic piping (φ6 × 1 lines )																									
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\*2: Not all option harness can be selected. Consult Kawasaki.

Consult Kawasaki about maintenance parts and spare parts.



RS007L-B  
WORKING RANGE