



# Standard Specifications

## RS010N-A

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Kawasaki Heavy Industries, Ltd.  
Robot Business Division

Specification number : 90151-0045DEC

## Robot specifications

1. Model	RS010N-A																							
2. Type	Articulated robot																							
3. Degree of freedom	6 axes																							
4. Max. payload	10 kg																							
5. Max. reach	1,450 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>250 °/s</td> </tr> <tr> <td>Arm out-in (JT2)</td> <td>+145 ° - -105 °</td> <td>250 °/s</td> </tr> <tr> <td>Arm up-down (JT3)</td> <td>+150 ° - -163 °</td> <td>215 °/s</td> </tr> <tr> <td>Wrist swivel (JT4)</td> <td>±270 °</td> <td>365 °/s</td> </tr> <tr> <td>Wrist bend (JT5)</td> <td>±145 °</td> <td>380 °/s</td> </tr> <tr> <td>Wrist twist (JT6)</td> <td>±360 °</td> <td>700 °/s</td> </tr> </tbody> </table>		Operating axis	Motion range	Max. speed	Arm rotation (JT1)	±180 °	250 °/s	Arm out-in (JT2)	+145 ° - -105 °	250 °/s	Arm up-down (JT3)	+150 ° - -163 °	215 °/s	Wrist swivel (JT4)	±270 °	365 °/s	Wrist bend (JT5)	±145 °	380 °/s	Wrist twist (JT6)	±360 °	700 °/s	
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9. Mass	150 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. Built-in utilities	Pneumatic piping (φ8 × 2 lines )																							
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Consult Kawasaki about maintenance parts and spare parts.

