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Kawasaki Robotics website

<https://kawasakirobotics.com/>



Kawasaki Robotics brand site XYZ

<https://robotics.kawasaki.com/ja1/xyz/en/>



Kawasaki Robostage (showroom)

<https://robotics.kawasaki.com/ja1/robostage/en.html>



CAUTIONS TO BE TAKEN TO ENSURE SAFETY

- For those persons involved with the operation / service of your system, including Kawasaki Robot, they must strictly observe all safety regulations at all times. They should carefully read the Manuals and other related safety documents.
- Products described in this catalogue are general industrial robots. Therefore, if a customer wishes to use the Robot for special purposes, which might endanger operators or if the Robot has any problems, please contact us. We will be pleased to help you.
- Be careful as Photographs illustrated in this catalogue are frequently taken after removing safety fences and other safety devices stipulated in the safety regulations from the Robot operation system.

Kawasaki Robot

Large Robots
up to 300kg payload

Small-to-medium robots
up to 80kg payload

Large robots
up to 300kg payload

Extra large robots
up to 1,500kg payload

Explosion-proof painting robots

Sealing robots

Arc welding robots

Palletizing robots

Medical & pharmaceutical robots

Deltarobots

Wafer transfer robots

Collaborative robots

Large general-purpose robots

Kawasaki's large-payload general-purpose robots (100-300kg payload) provide durability, reliability, and next-level performance. Used by manufacturers in numerous industrial environments, including automotive, aerospace, machinery, metal, electrical, electronics, and food sectors for a wide range of applications.

BXP/BTP series

BXP / BTP Series is the next generation of high-rigidity industrial robots, featuring enhanced structural design, longer reach, and improved cable routing for superior performance in high-density, high-precision applications.



BXP110S

BXP110L

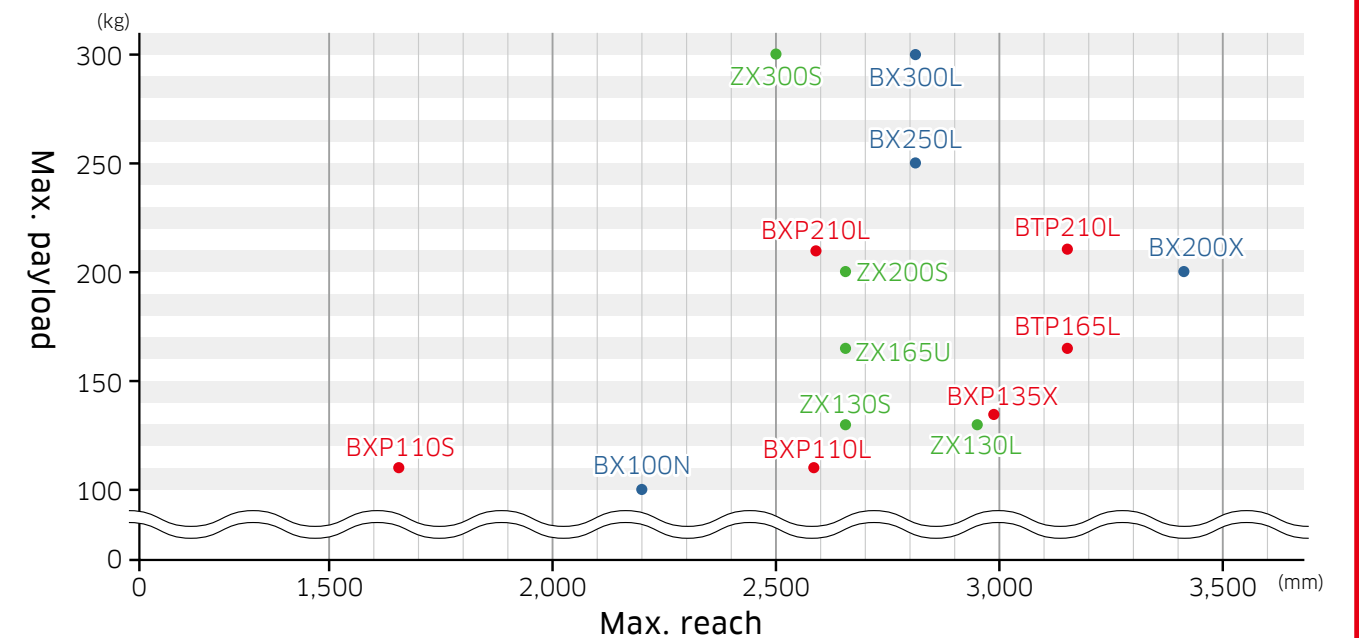
BXP135X

BXP210L



BTP210L

Product map



BX series

BX Series are high-performance, heavy-duty industrial robots with slim, lightweight arms and hollow wrists, optimized for high-speed spot welding and material handling in dense manufacturing environments



BX100S / 100N

BX100L / 200L

BX130X / 200X

BX300L

ZX series

ZX Series are flexible, heavy-duty industrial robots with high payload capacity and extended reach, ideal for demanding applications in harsh environments.



ZX130L

ZX165U

ZX200S

ZX300S

ZT165U

BXP/BTP series

[Applications]



Assembling



Handling



Spot welding

Features

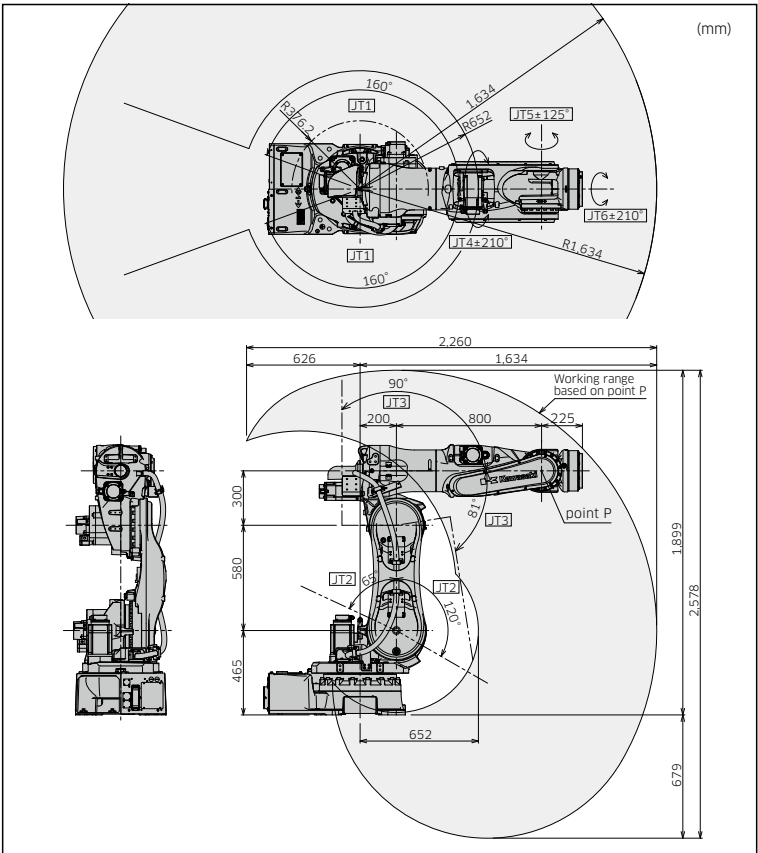
- Hollow-arm structure for easy install, maintenance, and minimized wear.
- Lightweight, compact design for optimized performance.
- F series controller results in high speed operation.

BXP110S

Standard Specifications

Type		Articulated robot
Degree of freedom (axes)		6
Payload (kg)		110
Max. reach (mm)		1,634
Position repeatability*1 (mm)		±0.06
Motion range (°)	Arm rotation (JT1)	±160
	Arm out-in (JT2)	+120 - -65
	Arm up-down (JT3)	+90 - -81
	Wrist swivel (JT4)	±210
	Wrist bend (JT5)	±125
	Wrist twist (JT6)	±210
Max. speed (°/s)	Arm rotation (JT1)	140
	Arm out-in (JT2)	130
	Arm up-down (JT3)	170
	Wrist swivel (JT4)	220
	Wrist bend (JT5)	185
	Wrist twist (JT6)	300
Allowable moment (N·m)	Wrist swivel (JT4)	855
	Wrist bend (JT5)	855
	Wrist twist (JT6)	445
Allowable moment of inertia (kg·m ²)	Wrist swivel (JT4)	90
	Wrist bend (JT5)	90
	Wrist twist (JT6)	50
Mass (kg)		700
Mounting		Floor
Installation environment	Ambient temperature (°C)	0 - 45
	Relative humidity (%)	35 - 85 (No dew, nor frost allowed)
Degree of protection		Wrist : IP67 or equivalent Base axes : IP54 or equivalent
Controller/Power requirements		F02/7.5kVA

*1: Conforms to ISO9283

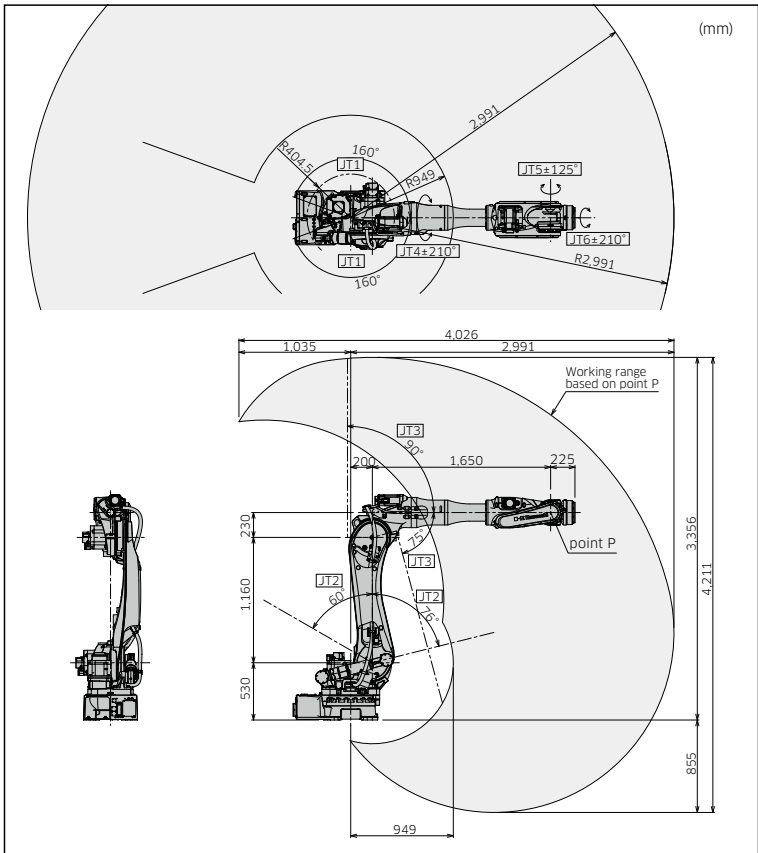


BXP135X

Standard Specifications

Type		Articulated robot
Degree of freedom (axes)		6
Payload (kg)		135
Max. reach (mm)		2,991
Position repeatability*1 (mm)		±0.06
Motion range (°)	Arm rotation (JT1)	±160
	Arm out-in (JT2)	+76 - -60
	Arm up-down (JT3)	+90 - -75
	Wrist swivel (JT4)	±210
	Wrist bend (JT5)	±125
	Wrist twist (JT6)	±210
Max. speed (°/s)	Arm rotation (JT1)	140
	Arm out-in (JT2)	105
	Arm up-down (JT3)	140
	Wrist swivel (JT4)	220
	Wrist bend (JT5)	200
	Wrist twist (JT6)	300
Allowable moment (N·m)	Wrist swivel (JT4)	855
	Wrist bend (JT5)	855
	Wrist twist (JT6)	445
Allowable moment of inertia (kg·m ²)	Wrist swivel (JT4)	90
	Wrist bend (JT5)	90
	Wrist twist (JT6)	50
Mass (kg)		880
Mounting		Floor
Installation environment	Ambient temperature (°C)	0 - 45
	Relative humidity (%)	35 - 85 (No dew, nor frost allowed)
Degree of protection		Wrist : IP67 or equivalent Base axes : IP54 or equivalent
Controller/Power requirements		F02/7.5kVA

*1: Conforms to ISO9283

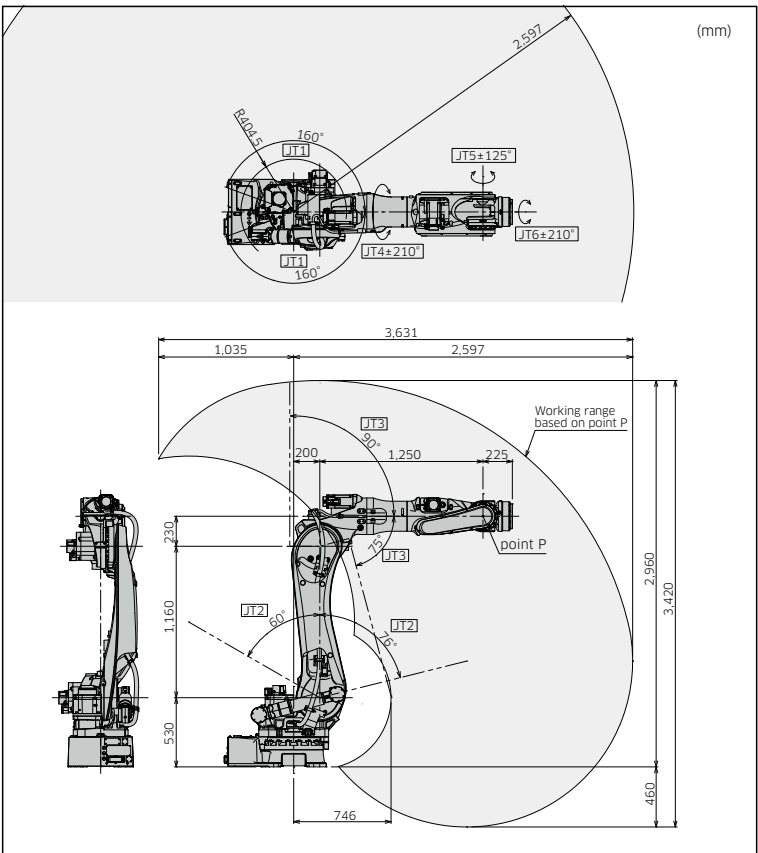


BXP110L

Standard Specifications

Type		Articulated robot
Degree of freedom (axes)		6
Payload (kg)		110
Max. reach (mm)		2,597
Position repeatability*1 (mm)		±0.06
Motion range (°)	Arm rotation (JT1)	±160
	Arm out-in (JT2)	+76 - -60
	Arm up-down (JT3)	+90 - -75
	Wrist swivel (JT4)	±210
	Wrist bend (JT5)	±125
	Wrist twist (JT6)	±210
Max. speed (°/s)	Arm rotation (JT1)	140
	Arm out-in (JT2)	130
	Arm up-down (JT3)	135
	Wrist swivel (JT4)	220
	Wrist bend (JT5)	200
	Wrist twist (JT6)	300
Allowable moment (N·m)	Wrist swivel (JT4)	855
	Wrist bend (JT5)	855
	Wrist twist (JT6)	445
Allowable moment of inertia (kg·m ²)	Wrist swivel (JT4)	90
	Wrist bend (JT5)	90
	Wrist twist (JT6)	50
Mass (kg)		870
Mounting		Floor
Installation environment	Ambient temperature (°C)	0 - 45
	Relative humidity (%)	35 - 85 (No dew, nor frost allowed)
Degree of protection		Wrist : IP67 or equivalent Base axes : IP54 or equivalent
Controller/Power requirements		F02/7.5kVA

*1: Conforms to ISO9283

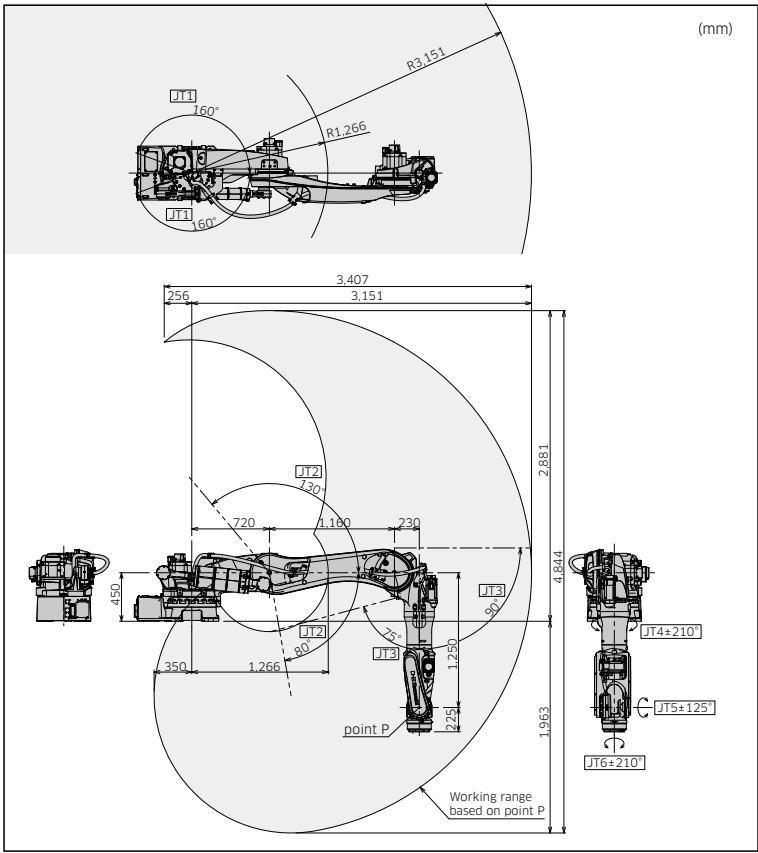


BTP210L

Standard Specifications

Type		Articulated robot
Degree of freedom (axes)		6
Payload (kg)		210
Max. reach (mm)		3,151
Position repeatability*1 (mm)		±0.08
Motion range (°)	Arm rotation (JT1)	±160
	Arm out-in (JT2)	+80 - -130
	Arm up-down (JT3)	+90 - -75
	Wrist swivel (JT4)	±210
	Wrist bend (JT5)	±125
	Wrist twist (JT6)	±210
Max. speed (°/s)	Arm rotation (JT1)	115
	Arm out-in (JT2)	90
	Arm up-down (JT3)	115
	Wrist swivel (JT4)	140
	Wrist bend (JT5)	135
	Wrist twist (JT6)	240
Allowable moment (N·m)	Wrist swivel (JT4)	1,380
	Wrist bend (JT5)	1,380
	Wrist twist (JT6)	600
Allowable moment of inertia (kg·m ²)	Wrist swivel (JT4)	205
	Wrist bend (JT5)	205
	Wrist twist (JT6)	160
Mass (kg)		1,030
Mounting		Shelf
Installation environment	Ambient temperature (°C)	0 - 45
	Relative humidity (%)	35 - 85 (No dew, nor frost allowed)
Degree of protection		Wrist : IP67 or equivalent Base axes : IP54 or equivalent
Controller/Power requirements		F02/7.5kVA

*1: Conforms to ISO9283



BX series

[Applications]



Assembling



Handling



Spot welding

Features

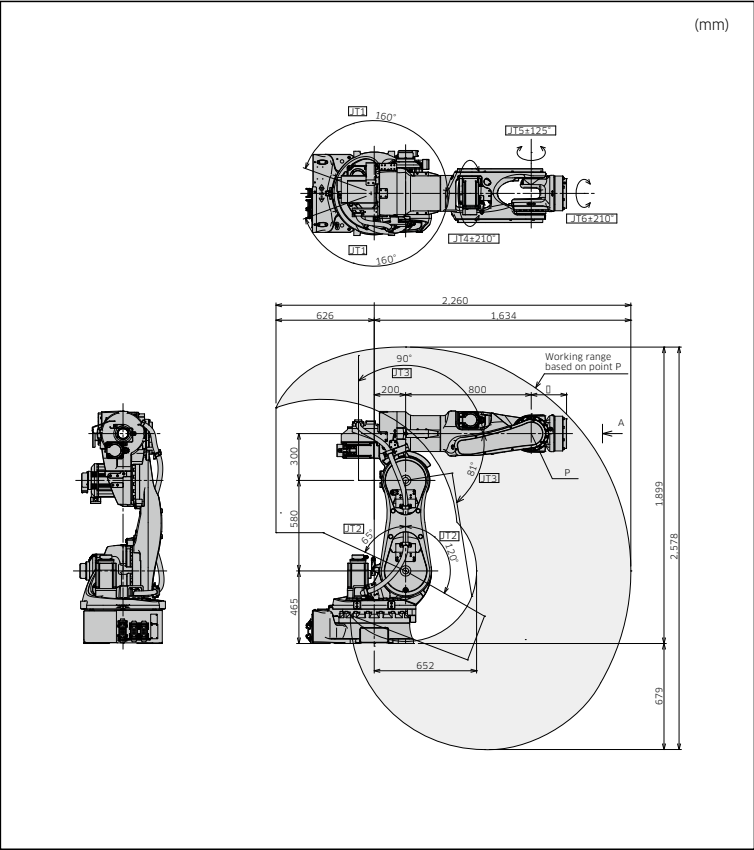
- Hollow-arm structure for easy installation, maintenance, and minimized wear.
- Extended reach, high speeds and advanced motion control technology reduce cycle times

BX100S

Standard Specifications

Type		Articulated robot
Degree of freedom (axes)		6
Payload (kg)		100
Max. reach (mm)		1,634
Position repeatability*1 (mm)		±0.06
Motion range (°)	Arm rotation (JT1)	±160
	Arm out-in (JT2)	+120 - -65
	Arm up-down (JT3)	+90° to -81°
	Wrist swivel (JT4)	±210
	Wrist bend (JT5)	±125
	Wrist twist (JT6)	±210
Max. speed (°/s)	Arm rotation (JT1)	135
	Arm out-in (JT2)	125
	Arm up-down (JT3)	155
	Wrist swivel (JT4)	200
	Wrist bend (JT5)	160
	Wrist twist (JT6)	300
Allowable moment (N·m)	Wrist swivel (JT4)	830
	Wrist bend (JT5)	830
	Wrist twist (JT6)	441
Allowable moment of inertia (kg·m ²)	Wrist swivel (JT4)	60
	Wrist bend (JT5)	60
	Wrist twist (JT6)	30
Mass (kg)		720
Mounting		Floor
Installation environment	Ambient temperature (°C)	0 - 45
	Relative humidity (%)	35 - 85 (No dew, nor frost allowed)
Degree of protection		Wrist : IP67 or equivalent Base axes : IP54 or equivalent
Controller/Power requirements		F02/7.5kVA

*1: Conforms to ISO9283

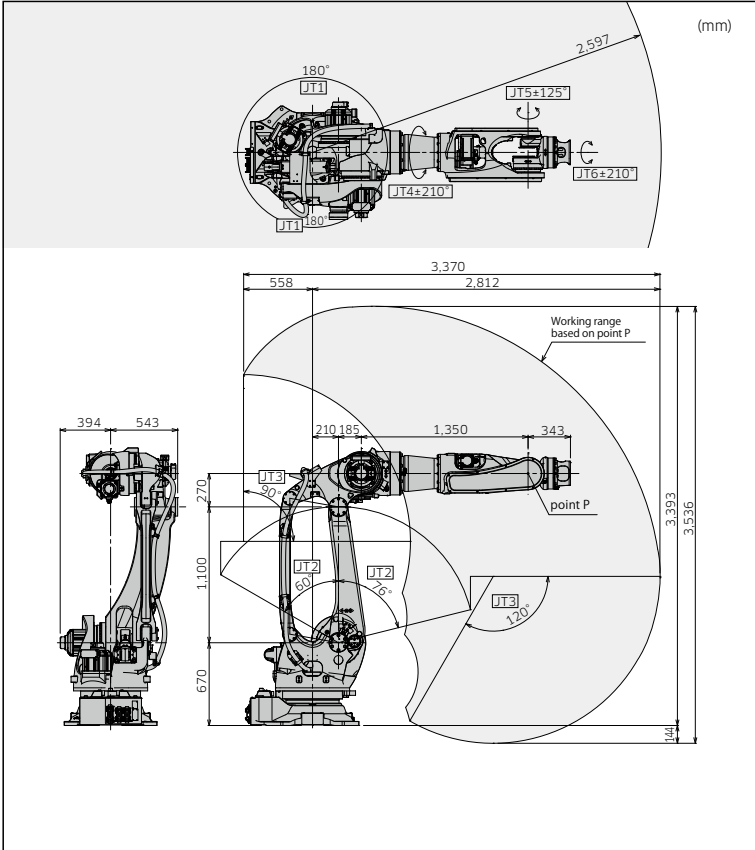


BX100L

Standard Specifications

Type		Articulated robot
Degree of freedom (axes)		6
Payload (kg)		100
Max. reach (mm)		2,597
Position repeatability*1 (mm)		±0.06
Motion range (°)	Arm rotation (JT1)	±160
	Arm out-in (JT2)	+76 - -60
	Arm up-down (JT3)	+90 - -75
	Wrist swivel (JT4)	±210
	Wrist bend (JT5)	±125
	Wrist twist (JT6)	±210
Max. speed (°/s)	Arm rotation (JT1)	105
	Arm out-in (JT2)	130
	Arm up-down (JT3)	130
	Wrist swivel (JT4)	200
	Wrist bend (JT5)	160
	Wrist twist (JT6)	300
Allowable moment (N·m)	Wrist swivel (JT4)	830
	Wrist bend (JT5)	830
	Wrist twist (JT6)	441
Allowable moment of inertia (kg·m ²)	Wrist swivel (JT4)	85
	Wrist bend (JT5)	85
	Wrist twist (JT6)	45
Mass (kg)		930
Mounting		Floor
Installation environment	Ambient temperature (°C)	0 - 45
	Relative humidity (%)	35 - 85 (No dew, nor frost allowed)
Degree of protection		Wrist : IP67 or equivalent Base axes : IP54 or equivalent
Controller/Power requirements		F02/7.5kVA

*1: Conforms to ISO9283

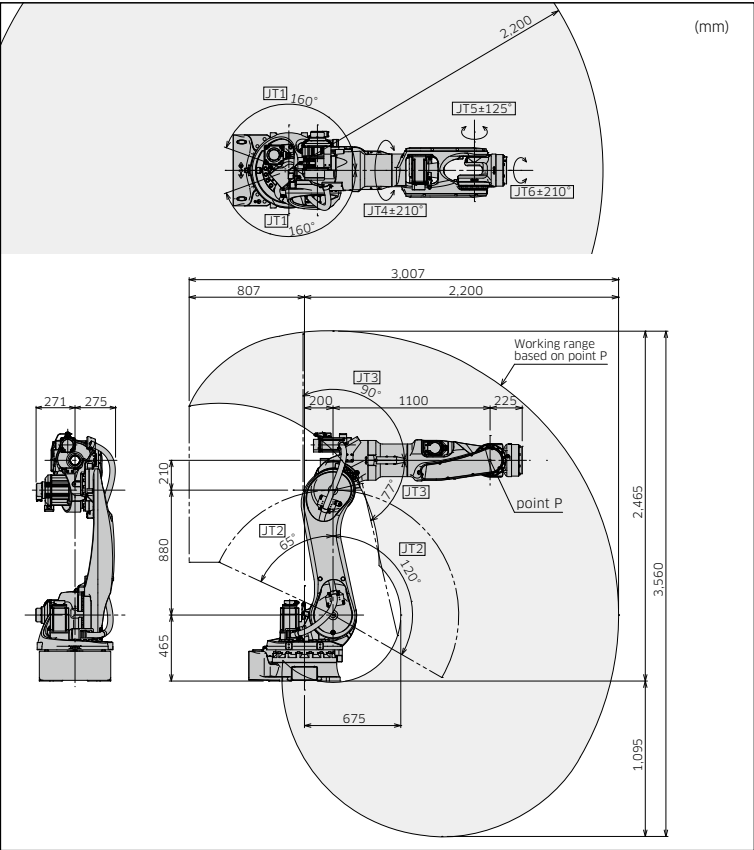


BX100N

Standard Specifications

Type		Articulated robot
Degree of freedom (axes)		6
Payload (kg)		100
Max. reach (mm)		2,200
Position repeatability*1 (mm)		±0.06
Motion range (°)	Arm rotation (JT1)	±160
	Arm out-in (JT2)	+120 - -65
	Arm up-down (JT3)	+90 - -77
	Wrist swivel (JT4)	±210
	Wrist bend (JT5)	±125
	Wrist twist (JT6)	±210
Max. speed (°/s)	Arm rotation (JT1)	135
	Arm out-in (JT2)	110
	Arm up-down (JT3)	140
	Wrist swivel (JT4)	200
	Wrist bend (JT5)	200
	Wrist twist (JT6)	300
Allowable moment (N·m)	Wrist swivel (JT4)	588.4
	Wrist bend (JT5)	588.4
	Wrist twist (JT6)	294.2
Allowable moment of inertia (kg·m ²)	Wrist swivel (JT4)	60
	Wrist bend (JT5)	60
	Wrist twist (JT6)	30
Mass (kg)		740
Mounting		Floor
Installation environment	Ambient temperature (°C)	0 - 45
	Relative humidity (%)	35 - 85 (No dew, nor frost allowed)
Degree of protection		Wrist : IP67 or equivalent Base axes : IP54 or equivalent
Controller/Power requirements		F02/7.5kVA

*1: Conforms to ISO9283

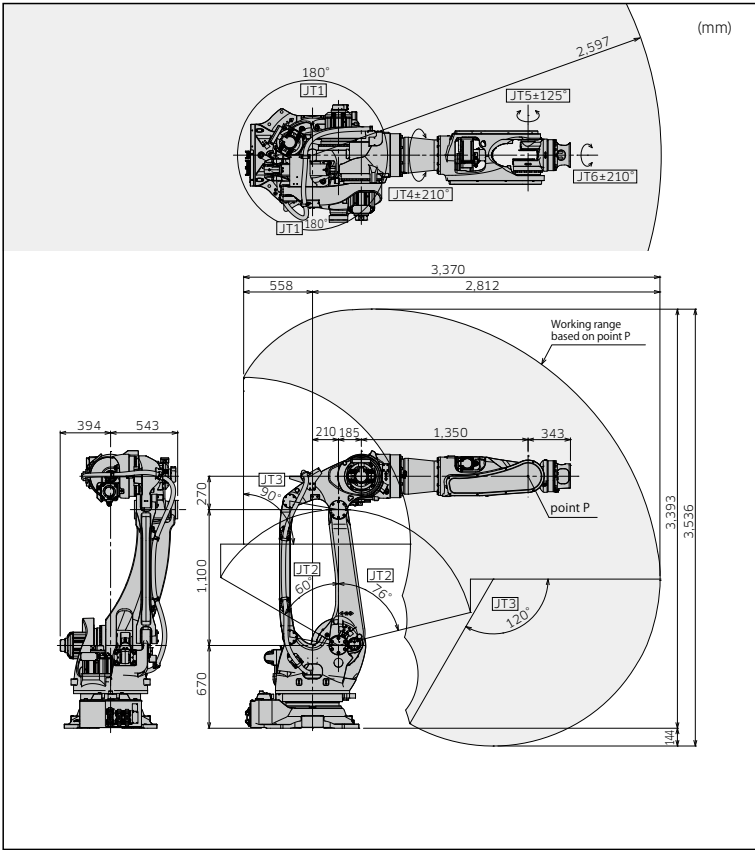


BX200L

Standard Specifications

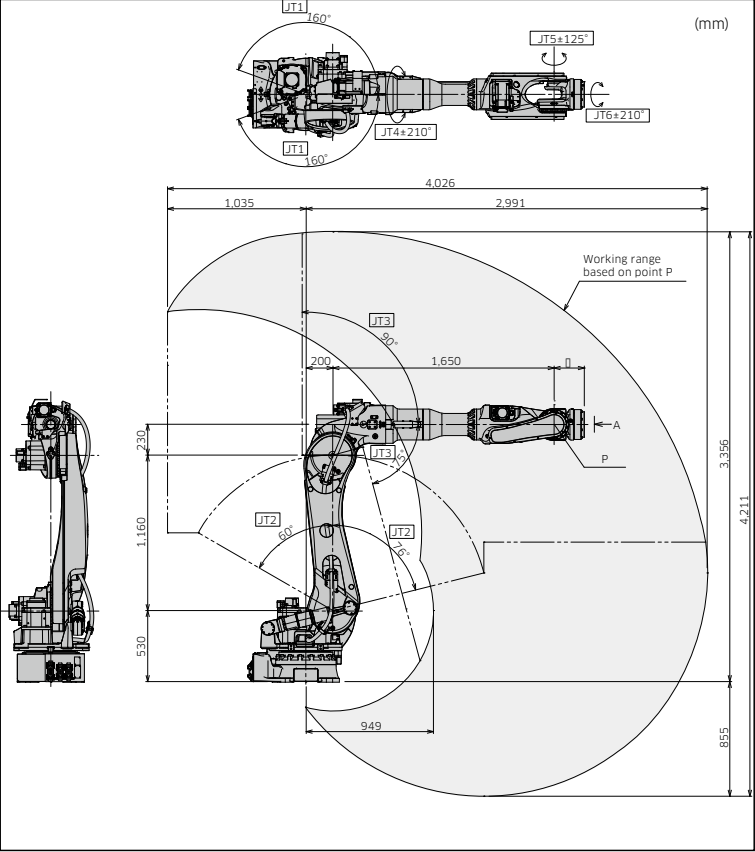
Type		Articulated robot
Degree of freedom (axes)		6
Payload (kg)		200
Max. reach (mm)		2,597
Position repeatability*1 (mm)		±0.06
Motion range (°)	Arm rotation (JT1)	±160
	Arm out-in (JT2)	+76 - -60
	Arm up-down (JT3)	+90 - -75
	Wrist swivel (JT4)	±210
	Wrist bend (JT5)	±125
	Wrist twist (JT6)	±210
Max. speed (°/s)	Arm rotation (JT1)	105
	Arm out-in (JT2)	90
	Arm up-down (JT3)	100
	Wrist swivel (JT4)	120
	Wrist bend (JT5)	120
	Wrist twist (JT6)	200
Allowable moment (N·m)	Wrist swivel (JT4)	2,300
	Wrist bend (JT5)	2,300
	Wrist twist (JT6)	1,000
Allowable moment of inertia (kg·m ²)	Wrist swivel (JT4)	240
	Wrist bend (JT5)	240
	Wrist twist (JT6)	200
Mass (kg)		1,460
Mounting		Floor
Installation environment	Ambient temperature (°C)	0 - 45
	Relative humidity (%)	35 - 85 (No dew, nor frost allowed)
Degree of protection		Wrist : IP67 or equivalent Base axes : IP54 or equivalent
Controller/Power requirements		F02/7.5kVA

*1: Conforms to ISO9283



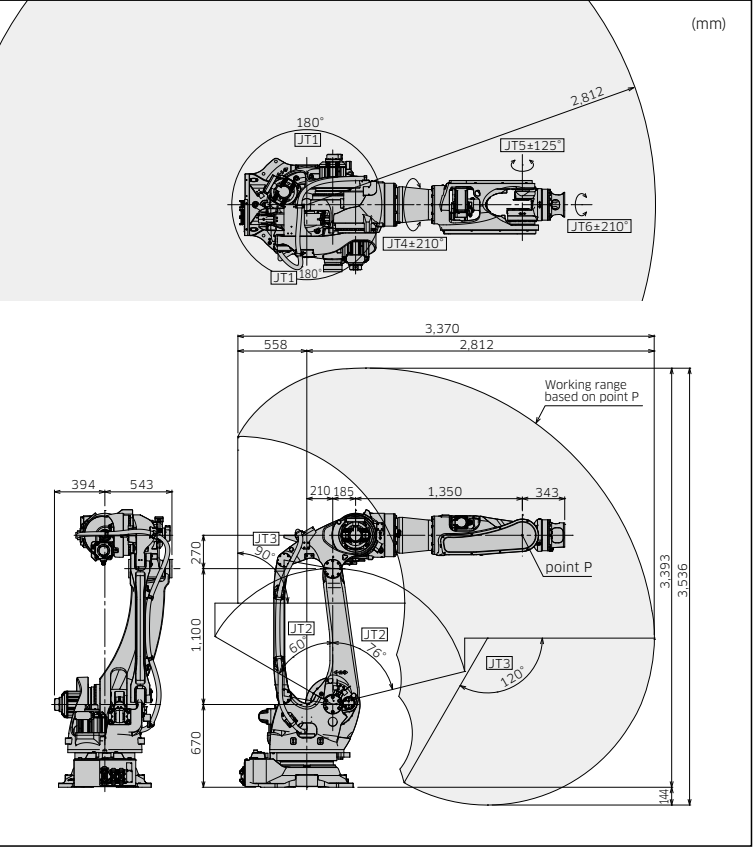
BX130X			Standard Specifications
Type		Articulated robot	
Degree of freedom (axes)		6	
Payload (kg)		130	
Max. reach (mm)		2,991	
Position repeatability*1 (mm)		±0.06	
Motion range (°)	Arm rotation (JT1)	±180	
	Arm out-in (JT2)	+76 - -60	
	Arm up-down (JT3)	+76 - -60	
	Wrist swivel (JT4)	±210	
	Wrist bend (JT5)	±125	
	Wrist twist (JT6)	±210	
Max. speed (°/s)	Arm rotation (JT1)	105	
	Arm out-in (JT2)	90	
	Arm up-down (JT3)	130	
	Wrist swivel (JT4)	200	
	Wrist bend (JT5)	160	
	Wrist twist (JT6)	300	
Allowable moment (N·m)	Wrist swivel (JT4)	830	
	Wrist bend (JT5)	830	
	Wrist twist (JT6)	441	
Allowable moment of inertia (kg·m²)	Wrist swivel (JT4)	85	
	Wrist bend (JT5)	85	
	Wrist twist (JT6)	45	
Mass (kg)		920	
Mounting		Floor	
Installation environment	Ambient temperature (°C)	0 - 45	
	Relative humidity (%)	35 - 85 (No dew, nor frost allowed)	
Degee of protection		Wrist : IP67 or equivalent Base axes : IP54 or equivalent	
Controller/Power requirements		F02/7.5kVA	

*1: Conforms to ISO9283



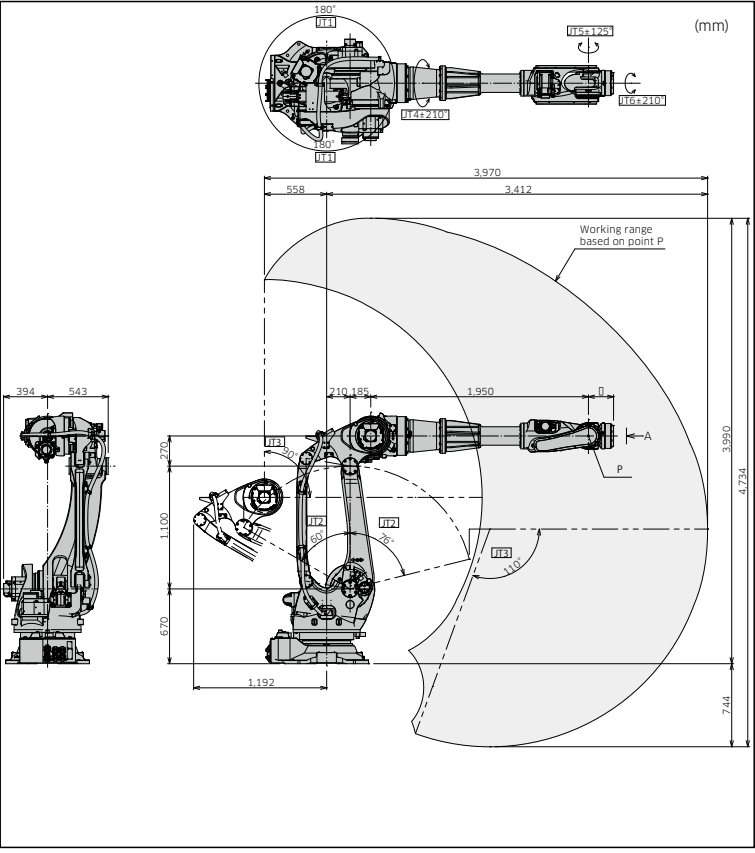
BX300L			Standard Specifications
Type		Articulated robot	
Degree of freedom (axes)		6	
Payload (kg)		300	
Max. reach (mm)		2,812	
Position repeatability*1 (mm)		±0.07	
Motion range (°)	Arm rotation (JT1)	±180	
	Arm out-in (JT2)	+76 - -60	
	Arm up-down (JT3)	+90 - -120	
	Wrist swivel (JT4)	±210	
	Wrist bend (JT5)	±125	
	Wrist twist (JT6)	±210	
Max. speed (°/s)	Arm rotation (JT1)	125	
	Arm out-in (JT2)	102	
	Arm up-down (JT3)	85	
	Wrist swivel (JT4)	105	
	Wrist bend (JT5)	110	
	Wrist twist (JT6)	180	
Allowable moment (N·m)	Wrist swivel (JT4)	2,300	
	Wrist bend (JT5)	2,300	
	Wrist twist (JT6)	1,000	
Allowable moment of inertia (kg·m²)	Wrist swivel (JT4)	240	
	Wrist bend (JT5)	240	
	Wrist twist (JT6)	200	
Mass (kg)		1,460	
Mounting		Floor	
Installation environment	Ambient temperature (°C)	0 - 45	
	Relative humidity (%)	35 - 85 (No dew, nor frost allowed)	
Degee of protection		Wrist : IP67 or equivalent Base axes : IP54 or equivalent	
Controller/Power requirements		F02/7.5kVA	

*1: Conforms to ISO9283



BX200X			Standard Specifications
Type		Articulated robot	
Degree of freedom (axes)		6	
Payload (kg)		200	
Max. reach (mm)		2,812	
Position repeatability*1 (mm)		±0.07	
Motion range (°)	Arm rotation (JT1)	±180	
	Arm out-in (JT2)	+76 - -60	
	Arm up-down (JT3)	+90 - -120	
	Wrist swivel (JT4)	±210	
	Wrist bend (JT5)	±125	
	Wrist twist (JT6)	±210	
Max. speed (°/s)	Arm rotation (JT1)	125	
	Arm out-in (JT2)	102	
	Arm up-down (JT3)	85	
	Wrist swivel (JT4)	105	
	Wrist bend (JT5)	110	
	Wrist twist (JT6)	180	
Allowable moment (N·m)	Wrist swivel (JT4)	2,300	
	Wrist bend (JT5)	2,300	
	Wrist twist (JT6)	1,000	
Allowable moment of inertia (kg·m²)	Wrist swivel (JT4)	240	
	Wrist bend (JT5)	240	
	Wrist twist (JT6)	200	
Mass (kg)		1,460	
Mounting		Floor	
Installation environment	Ambient temperature (°C)	0 - 45	
	Relative humidity (%)	35 - 85 (No dew, nor frost allowed)	
Degee of protection		Wrist : IP67 or equivalent Base axes : IP54 or equivalent	
Controller/Power requirements		F02/7.5kVA	

*1: Conforms to ISO9283



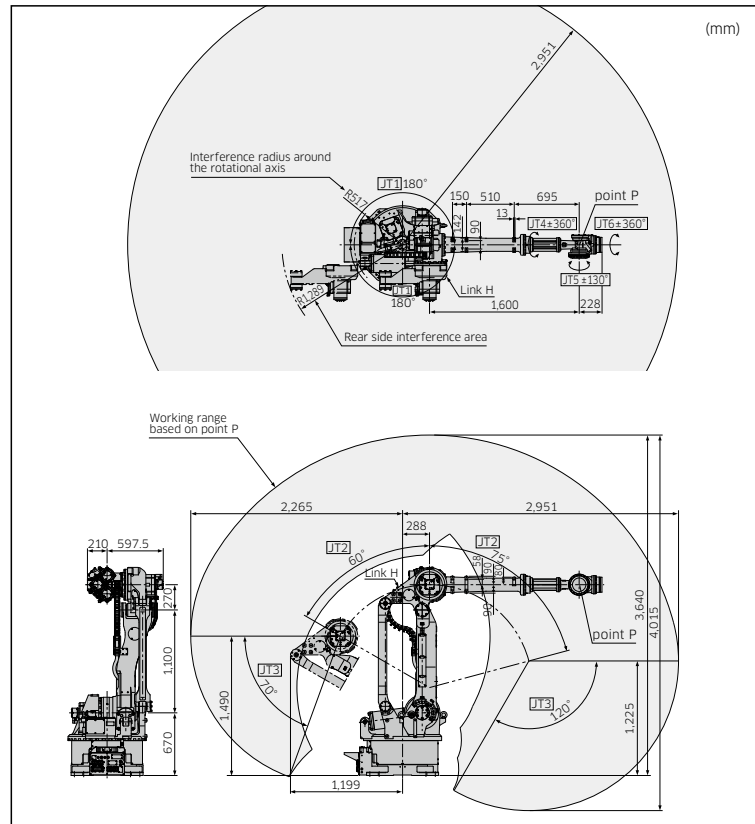


ZX130L

Standard Specifications

Type	Articulated robot	
Degree of freedom (axes)	6	
Payload (kg)	130	
Max. reach (mm)	2,951	
Position repeatability*1 (mm)	±0.3	
Motion range (°)	Arm rotation (JT1)	±180
	Arm out-in (JT2)	+75 - -60
	Arm up-down (JT3)	+250 - -120
	Wrist swivel (JT4)	±360
	Wrist bend (JT5)	±130
	Wrist twist (JT6)	±360
Max. speed (°/s)	Arm rotation (JT1)	110
	Arm out-in (JT2)	110
	Arm up-down (JT3)	110
	Wrist swivel (JT4)	140
	Wrist bend (JT5)	135
	Wrist twist (JT6)	230
Allowable moment (N·m)	Wrist swivel (JT4)	735
	Wrist bend (JT5)	735
	Wrist twist (JT6)	421
Allowable moment of inertia (kg·m ²)	Wrist swivel (JT4)	51.9
	Wrist bend (JT5)	51.9
	Wrist twist (JT6)	27.4
Mass (kg)	1,400	
Mounting	Floor	
Installation environment	Ambient temperature (°C)	0 - 45
	Relative humidity (%)	35 - 85 (No dew, nor frost allowed)
Controller/Power requirements	E02/7.5kVA	

*1: Conforms to ISO9283

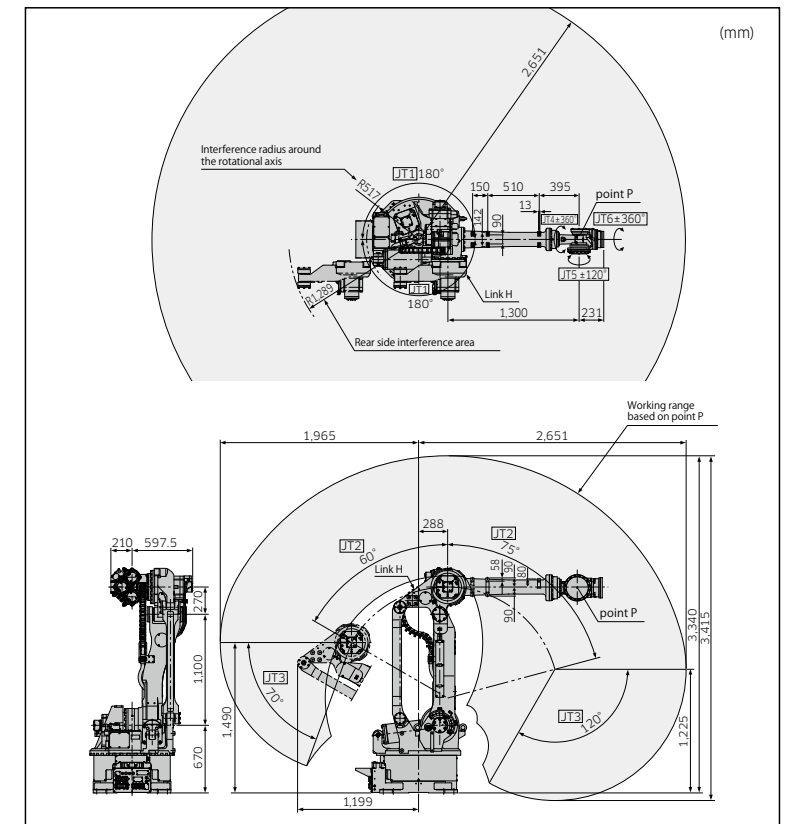


ZX200S

Standard Specifications

Type	Articulated robot	
Degree of freedom (axes)	6	
Payload (kg)	200	
Max. reach (mm)	2,651	
Position repeatability*1 (mm)	±0.3	
Motion range (°)	Arm rotation (JT1)	±180
	Arm out-in (JT2)	+75 - -60
	Arm up-down (JT3)	+250 - -120
	Wrist swivel (JT4)	±360
	Wrist bend (JT5)	±130
	Wrist twist (JT6)	±360
Max. speed (°/s)	Arm rotation (JT1)	105
	Arm out-in (JT2)	110
	Arm up-down (JT3)	105
	Wrist swivel (JT4)	120
	Wrist bend (JT5)	120
	Wrist twist (JT6)	200
Allowable moment (N·m)	Wrist swivel (JT4)	1,274
	Wrist bend (JT5)	1,274
	Wrist twist (JT6)	686
Allowable moment of inertia (kg·m ²)	Wrist swivel (JT4)	117.6
	Wrist bend (JT5)	117.6
	Wrist twist (JT6)	63.7
Mass (kg)	1,400	
Mounting	Floor	
Installation environment	Ambient temperature (°C)	0 - 45
	Relative humidity (%)	35 - 85 (No dew, nor frost allowed)
Controller/Power requirements	E02/7.5kVA	

*1: Conforms to ISO9283

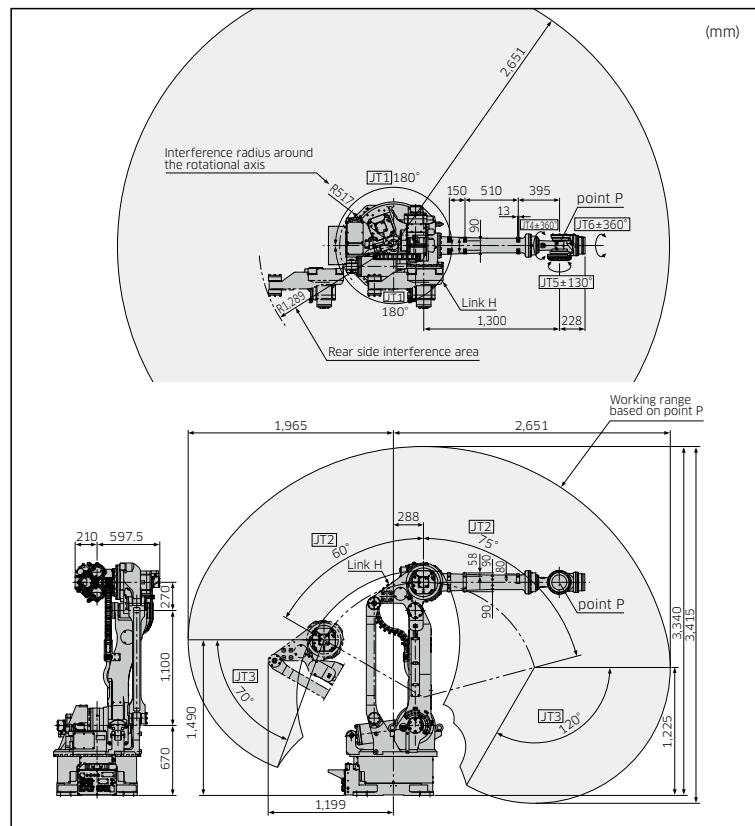


ZX165U

Standard Specifications

Type	Articulated robot	
Degree of freedom (axes)	6	
Payload (kg)	165	
Max. reach (mm)	2,651	
Position repeatability*1 (mm)	±0.3	
Motion range (°)	Arm rotation (JT1)	±180
	Arm out-in (JT2)	+75 - -60
	Arm up-down (JT3)	+250 - -120
	Wrist swivel (JT4)	±360
	Wrist bend (JT5)	±130
	Wrist twist (JT6)	±360
Max. speed (°/s)	Arm rotation (JT1)	110
	Arm out-in (JT2)	110
	Arm up-down (JT3)	115
	Wrist swivel (JT4)	140
	Wrist bend (JT5)	155
	Wrist twist (JT6)	260
Allowable moment (N·m)	Wrist swivel (JT4)	911.4
	Wrist bend (JT5)	911.4
	Wrist twist (JT6)	450.8
Allowable moment of inertia (kg·m ²)	Wrist swivel (JT4)	78.4
	Wrist bend (JT5)	78.4
	Wrist twist (JT6)	40.2
Mass (kg)	1,350	
Mounting	Floor	
Installation environment	Ambient temperature (°C)	0 - 45
	Relative humidity (%)	35 - 85 (No dew, nor frost allowed)
Controller/Power requirements	E02/7.5kVA	

*1: Conforms to ISO9283

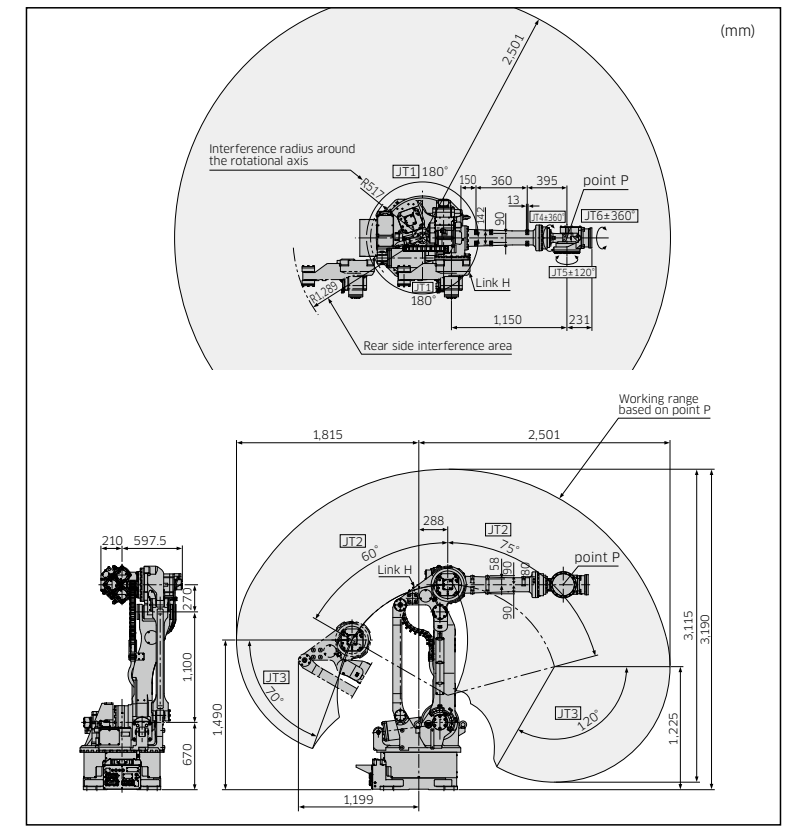


ZX300S

Standard Specifications

Type	Articulated robot	
Degree of freedom (axes)	6	
Payload (kg)	300	
Max. reach (mm)	2,501	
Position repeatability*1 (mm)	±0.3	
Motion range (°)	Arm rotation (JT1)	±180
	Arm out-in (JT2)	+75 - -60
	Arm up-down (JT3)	+250 - -120
	Wrist swivel (JT4)	±360
	Wrist bend (JT5)	±130
	Wrist twist (JT6)	±360
Max. speed (°/s)	Arm rotation (JT1)	100
	Arm out-in (JT2)	85
	Arm up-down (JT3)	85
	Wrist swivel (JT4)	90
	Wrist bend (JT5)	90
	Wrist twist (JT6)	150
Allowable moment (N·m)	Wrist swivel (JT4)	1,715
	Wrist bend (JT5)	1,715
	Wrist twist (JT6)	862
Allowable moment of inertia (kg·m ²)	Wrist swivel (JT4)	166.6
	Wrist bend (JT5)	166.6
	Wrist twist (JT6)	107.8
Mass (kg)	1,400	
Mounting	Floor	
Installation environment	Ambient temperature (°C)	0 - 45
	Relative humidity (%)	35 - 85 (No dew, nor frost allowed)
Controller/Power requirements	E02/7.5kVA	

*1: Conforms to ISO9283



Features

- Versatile robots for a wide range of applications
- 360° motion range for total flexibility
- Wrist motors located on shoulder for use in harsh environments

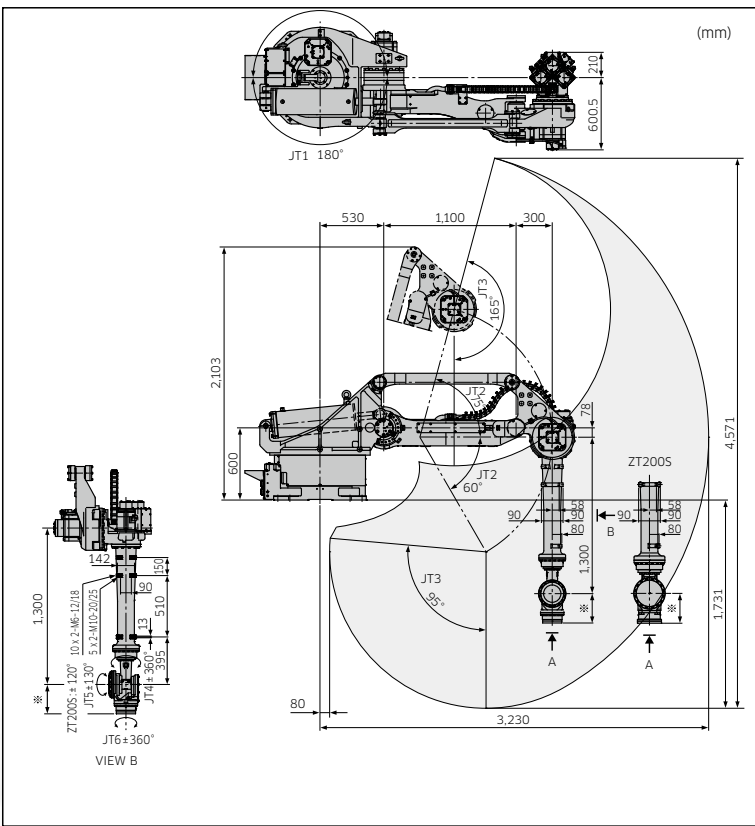
ZT165U

Standard Specifications

Standard Specifications

Type		Articulated robot
Degree of freedom (axes)		6
Payload (kg)		165
Max. reach (mm)		3,230
Position repeatability*1 (mm)		±0.3
Motion range (°)	Arm rotation (JT1)	±180
	Arm out-in (JT2)	+60 - -75
	Arm up-down (JT3)	+165 - -95
	Wrist swivel (JT4)	±360
	Wrist bend (JT5)	±130
	Wrist twist (JT6)	±360
Max. speed (°/s)	Arm rotation (JT1)	105
	Arm out-in (JT2)	105
	Arm up-down (JT3)	105
	Wrist swivel (JT4)	135
	Wrist bend (JT5)	135
	Wrist twist (JT6)	210
Allowable moment (N·m)	Wrist swivel (JT4)	911.4
	Wrist bend (JT5)	911.4
	Wrist twist (JT6)	450.8
Allowable moment of inertia (kg·m²)	Wrist swivel (JT4)	78.4
	Wrist bend (JT5)	78.4
	Wrist twist (JT6)	40.2
Mass (kg)		1,550
Mounting		Shelf
Installation environment	Ambient temperature (°C)	0 - 45
	Relative humidity (%)	35 - 85 (No dew, nor frost allowed)
Controller/Power requirements		E02/7.5kVA

*1: Conforms to ISO9283



F02

Features

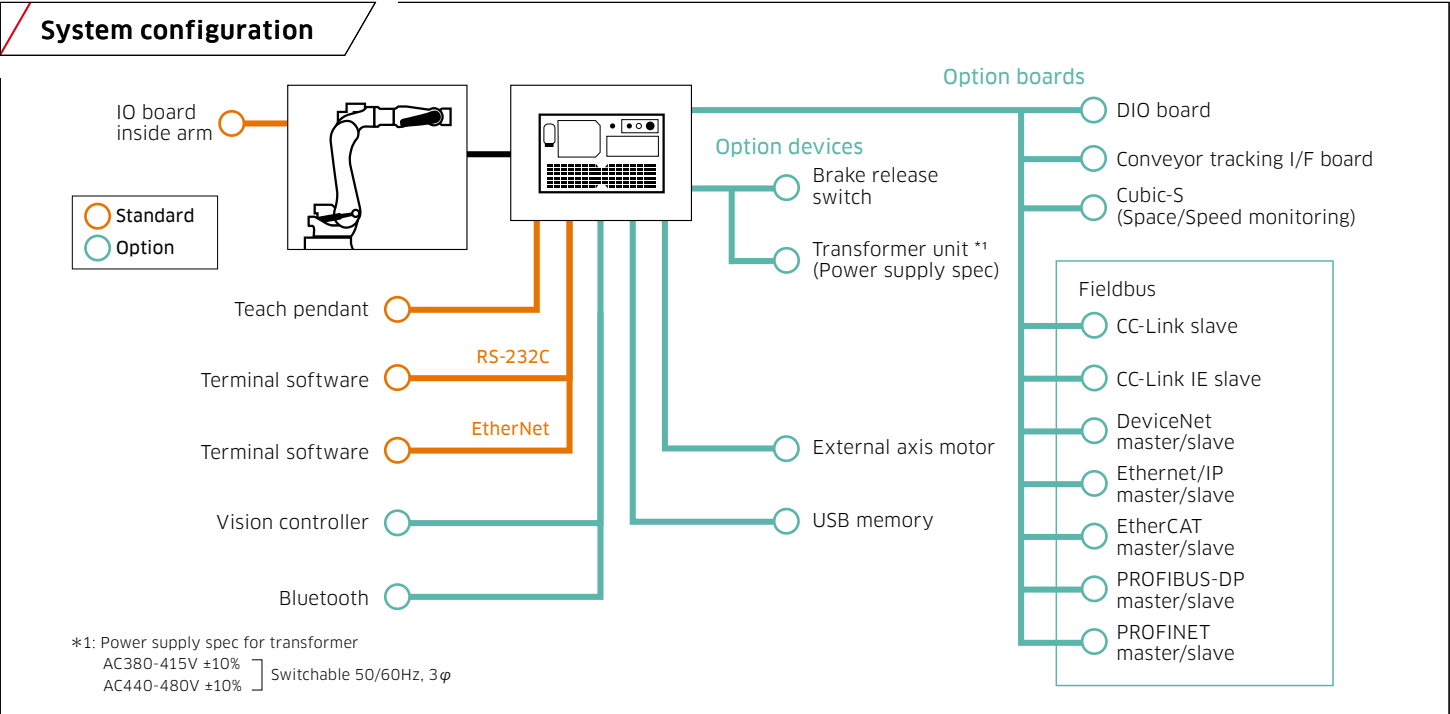
■ Reduced size & energy consumption, with enhanced integrated features.

■ Universal controller with common specifications that can be used globally.
(An optional transformer unit is necessary in the region where the power supply and safety standard differ.)

Standard Specifications

Dimensions (mm)		W420×D530×H278
Type		Enclosed type, indirect cooling system (IP54 or equivalent)
Controlled (axes)		7
Memory capacity (MB)		16
I/O signals	External operation	Motor power off, Hold
	Input (Channels)	32
	Output (Channels)	32
Cable length	Teach pendant (m)	5
	Robot-controller (m)	5
Mass (kg)		25
Power requirements		AC200V - AC220V ±10%, 50/60Hz, 3φ
		AC230V ±10%, 50/60Hz, 1φ ^{*1}
		Max. 7.5kVA
Installation environment	Ambient temperature (°C)	0 - 45
	Relative humidity (%)	35 - 85 (No dew, nor frost allowed)
Teach pendant		Color LCD display with touch-panel, E-Stop switch, Teach lock switch, Enable switch
Operation panel		E-stop switch, teach/repeat switch

*1: 200V single phase is available for some robot models only.



E02

Features

■ Reduced size & energy consumption, with enhanced integrated features.

■ Universal controller with common specifications that can be used globally.
(An optional transformer unit is necessary in the region where the power supply and safety standard differ.)

Standard Specifications

Dimensions (mm)		W550×D580×H278
Type		Enclosed type direct cooling system
Controlled (axes)		7
Memory capacity (MB)		8
I/O signals	External operation	Motor power off, Hold
	Input (Channels)	32
	Output (Channels)	32
Cable length	Teach pendant (m)	5
	Robot-controller (m)	5
Mass (kg)		40
Power requirements		AC200 - AC220V ±10%, 50/60Hz, 3φ
		Max. 7.5kVA
Installation environment	Ambient temperature (°C)	0 - 45
	Relative humidity (%)	35 - 85 (No dew, nor frost allowed)
Teach pendant		Color LCD display with touch-panel, E-Stop switch, teach lock switch, Enable switch
Operation panel		E-stop switch, teach/repeat switch, control power lamp

