



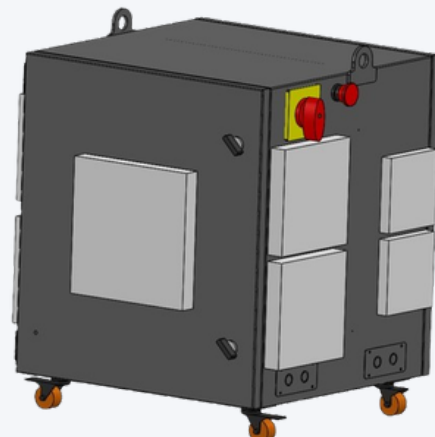
6-AXIS HIGH-SPEED INDUSTRIAL ROBOT | 12 KG PAYLOAD



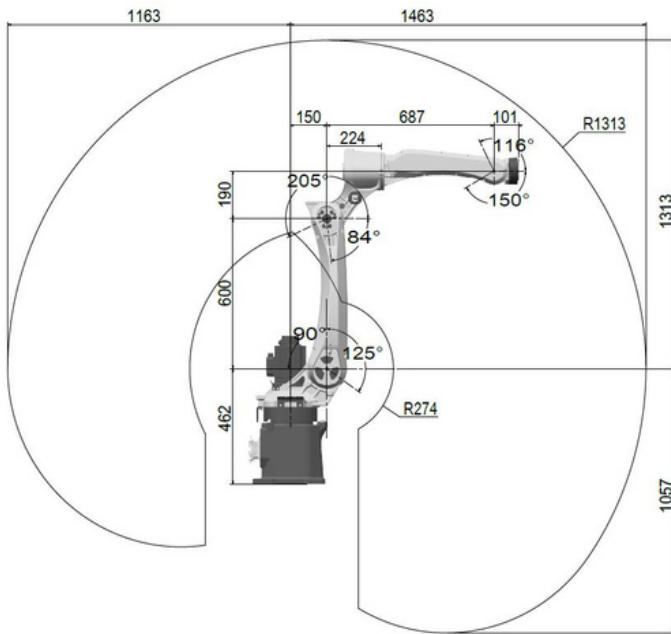
Robot type		DRS1215
Number of Axes		6
Mounting position		Floor, Ceiling
Peak speed	J1 Axis1	200°/s
	J2 Axis2	185°/s
	J3 Axis3	155°/s
	J4 Axis4	265°/s
	J5 Axis5	210°/s
	J6 Axis6	260°/s
Range of motion	J1 Axis1	±180°
	J2 Axis2	-125°~+90°
	J3 Axis3	-84°~+205
	J4 Axis4	±170°
	J5 Axis5	-150°/+116°
	J6 Axis6	±360°
Max. reach		1463mm
Max. load		12Kg
Robot weight		About 116Kg
Allowable torque	J4	22N·m
	J5	22N·m
	J6	9.8N·m
Allowable inertia	J4	0.65kg·m ²
	J5	0.65kg·m ²
	J6	0.17kg·m ²
Pose repeatability		±0.05mm
Robot base size		290×300mm
Ambient Temperature		0~45°C
Relative Humidity		20~80%RH
Atmospheric pressure	89KPa~106KPa	
	Altitude below 1000m	
Vibration, impact, collision		≤0.5G
Protection rating		IP54(Wrist IP65)

DTC-1000 CONTROLLER

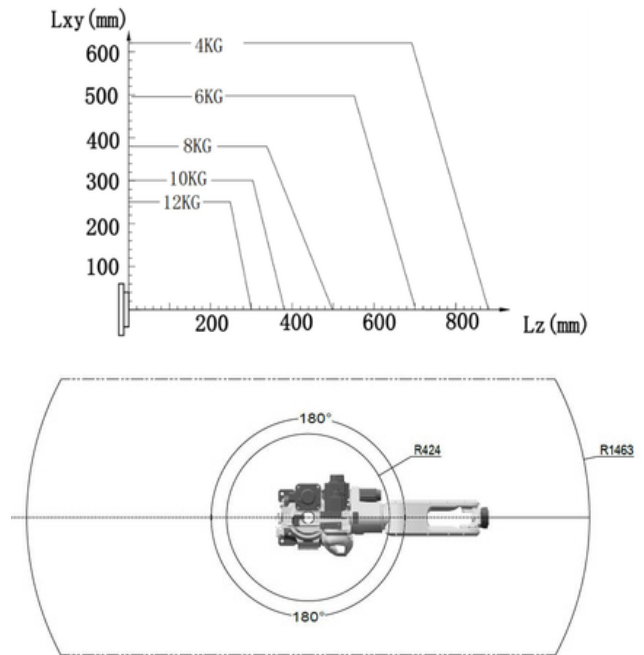
- Optimized for high-speed industrial automation
- Seamless integration with factory systems
- Precise and stable motion control for multi-axis operations
- Powered by **SMART** (Synchronized Multi-Access Robot Toolkit), a user-friendly graphical interface that simplifies robot programming, control, and operation through intuitive commands



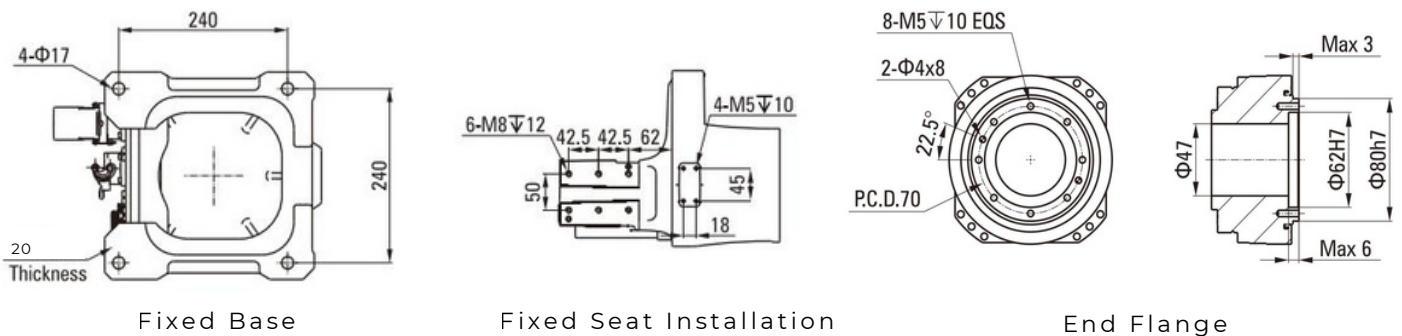
Working range



Load diagrams



Installation interface diagram



WORK ENVELOPE & INSTALLATION

The DRS1215 industrial robot features a wide and optimized work envelope, enabling efficient coverage of complex motion paths within compact production layouts. With a maximum activity radius of 1463 mm, the robot ensures smooth and continuous operation across all six axes while maintaining high positional accuracy.

DISCLAIMER

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