



DRM2518 INDUSTRIAL ROBOT

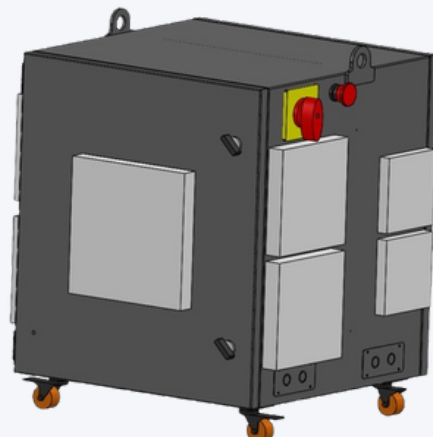
6-AXIS HIGH-SPEED INDUSTRIAL ROBOT | 25 KG PAYLOAD



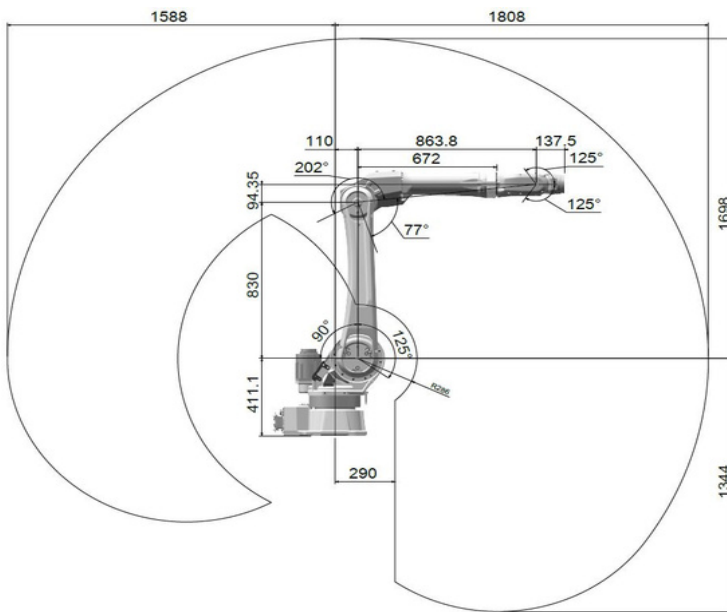
Robot type		DRM2518
Number of Axes		6
Mounting position		Floor, Ceiling
Peak speed	J1 Axis1	175°/s
	J2 Axis2	120°/s
	J3 Axis3	180°/s
	J4 Axis4	315°/s
	J5 Axis5	255°/s
	J6 Axis6	340°/s
Range of motion	J1 Axis1	±180°
	J2 Axis2	-125°~+90°
	J3 Axis3	-77°~+202
	J4 Axis4	±180°
	J5 Axis5	±125°
	J6 Axis6	±360°
Max. reach		1808mm
Max. load		25Kg
Robot weight		About 198Kg
Allowable torque	J4	52N·m
	J5	52N·m
	J6	32N·m
Allowable inertia	J4	2.40kg·m ²
	J5	2.40kg·m ²
	J6	1.20kg·m ²
Pose repeatability		±0.08mm
Robot base size		300×420mm
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 IP67)

DTC-1000 CONTROLLER

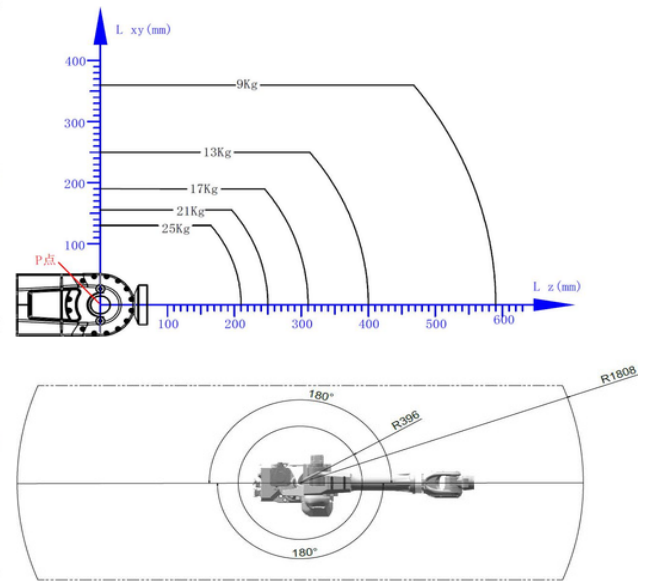
- Optimized for high-speed industrial automation
- Seamless integration with factory systems
- Precise and stable motion control for multi-axis operations
- Powered by **SMART** (Synchronized Multi-Access Robot Toolkit), a user-friendly graphical interface that simplifies robot programming, control,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



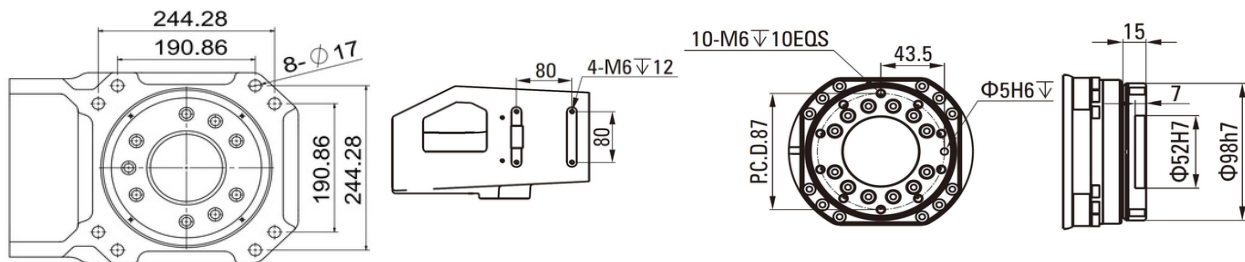
Working range



Load diagrams



Installation interface diagram



WORK ENVELOPE & INSTALLATION

The DRM2518 industrial robot features a wide and optimized work envelope, enabling efficient coverage of complex motion paths within production layouts. With a maximum activity radius of 1808 mm, the robot ensures smooth and continuous operation across all six axes while maintaining high positional accuracy.

DISCLAIMER

Specifications and visuals may change without notice as part of ongoing product improvements. Images are for reference only; actual performance may vary by application. Unauthorized reproduction of this catalogue is prohibited without written permission from DMW Robotics.



DMW Robotics India Pvt. Ltd.
No.81/2, 2nd Floor, NH544, Avinashi Main Rd.,
Arasur, Coimbatore - 641407, TN, India



info@dmwrobotics.com



www.dmwrobotics.com