

Higher Precision



Higher Protection Level(IP67)



Higher Speed



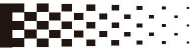
Better Price Performance



Wuhu Moka Robot Technology Co., Ltd. is a company engaged in the research and development, manufacturing and sales of industrial robots. Its products include six-axis general-purpose robots and hollow welding robots. The company follows the business philosophy of "pursuing excellence and customer first". Relying on its leading robot technology advantages and its own strong system integration capabilities, it continuously conducts technology research and development and innovation, while providing users with the best industrial robot body solutions, which are widely used in arc welding, spot welding, gluing, cutting, handling, palletizing, painting, machine tool loading and unloading, grinding, assembly, teaching and other fields, providing customers with high-value, high-precision, high-speed, and cost-effective industrial robot bodies.

Honorary qualifications





MB04SC-300



MB04SC-400



MB10SC-500



MB10SC-600



MB10SC-700



MB10SC-800



MB25SC-800



MB25SC-900



MB25SC-1000



MB10S-740



MB08S-1000



MB10S-920



MB07CP-990



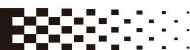
MB12CP-1250



MB20CP-1420



MB40CP-1800



MB15-1550



MB20-2060



MB25-1840



MB30-2100



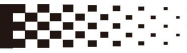
MB35-1870



MB45-1870



MB45G-1860



MB50-2650



MB70-2150



MB150-3200



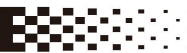
MB220-2700



MB280-2650



MB180C-3200



MB10W-1500



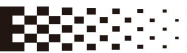
MB10W-2050



MB15C-1500



MB15CD-1500



MR10C-1488



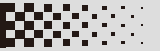
MR30C-1750



MR10W-1440-D



MR12-2010

MB30-2100**PAYLOAD : 30KG****REPEATABILITY : ±0.05mm****MOKA**

Number of axis	6-axis		Maximum speed	Moving range
Motion radius	2100mm	J1 axis S	202°/s	±180°
Power capacity	8.0KVA	J2 axis L	212°/s	+98°~-160°
Payload	30KG	J3 axis U	270°/s	+200°~-80°
Protection class	IP54/IP67	J4 axis R	470°/s	±200°
Repeatability	±0.05mm	J5 axis B	405°/s	±130°
Robot mass	264KG	J6 axis T	650°/s	±360°
Built-in air tube	Φ8	J4 axis R(N.m)		80
Signals	Standard 16 in/16 out 24 VDC	J5 axis B(N.m)		80
Install	Floor/frame/ceiling	J6 axis T(N.m)		50

MADE BY MOKAROBOT



Installation Environment

Temperature	0-45°C	Humidity	20~80%RH(no condensing)	No corrosive or combustible gas, no water, no splashing	No excessive oil or dust
Vibrations	Below 4.9M/S2 (0.5G)	Altitude	Below 1000M	Away from electromagnetic source	Away from magnetic field

Control cabinet specifications

Overall dimension	700(width)*530(depth)*740(height)mm (with protrusions)
Approximate mass	100KG
Cooling method	Natural cooling
Power specifications	3PH AC 380V 50/60HZ(BUILT-IN AC380V TO AC220V ISOLATION TRANSFORMER)
Grounding	Industrial grounding (dedicated grounding, resistance below 100Ω)
Input/Output signal	General signal:16 input,16 output
Position control method	Serial communication EtherCAT.TCP/IP
Memory capacity	JOB: 200000 steps,10000 robot commands (total 200M)
LAN(Host link)	Ethercat(1pc) TCP/IP(1pc)
Control mode	Servo position control
Ambient temperature	In use:0~ + 45°C,In storage: - 20~ + 60°C
Driver unit	AC servo system (6-axis)
Relative humidity	10%~90%(no condensing)
Vibrate	Below 0.5G

Serial port I/F

RS485(1PC) RS422 (1PC) RS232 (1PC) CAN (1PC) USB(1PC)

Altitude

Below 1000m. Derate 1% for every additional 100m if over 1000m. Maximum 2000m.

Others

No dust, cutting fluid (including coolant), organic solvent, oil smoke, water, salt, medicine, anti-rust oil, strong microwave, ultraviolet light, X-ray, radiation exposure

Teach pendent specifications

External dimensions	280(width)*220(depth)*120(height)mm (with protrusions)
Gross weight	0.6KG
Material	Reinforced plastics
Display	8 inch color LED,640*480 pixels
Protection class	IP54
Cable Length	Standard 5m. Optional: 15m

Manipulator

Selector, axis operation, value, mode selection with key (teach mode/auto mode/remote mode), emergency stop, enable, USB port etc



ATTENTION

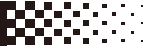
Please read the user manual and relevant documentations before use.

Contact official staff or distributor of MOKA if there are any errors, faults or if the robot is a harm to human safety.

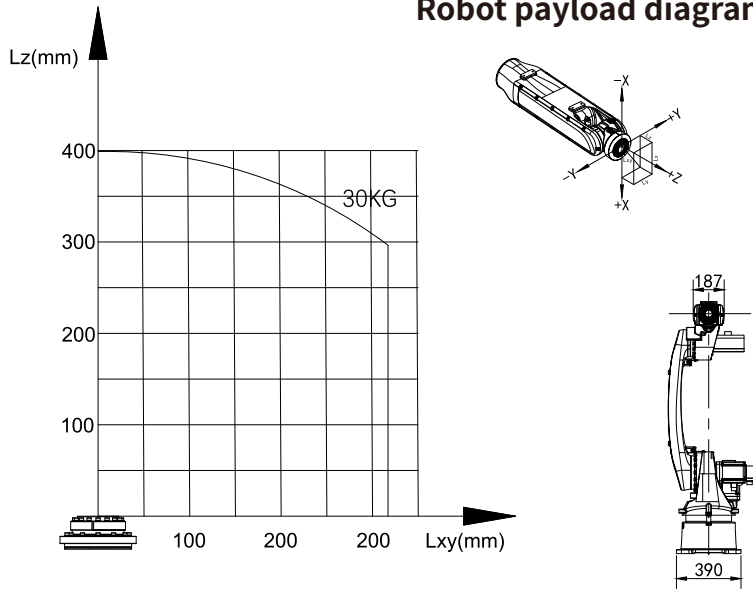
All data, drawings and specifications provided in this catalog are purely for information purposes and do not

constitute a guarantee of these characteristics. The extent of goods delivered and services performed is determined by

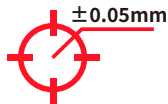
the subject matter of the specific contract. No liability accepted for errors or omissions.



Robot payload diagram



Max payload



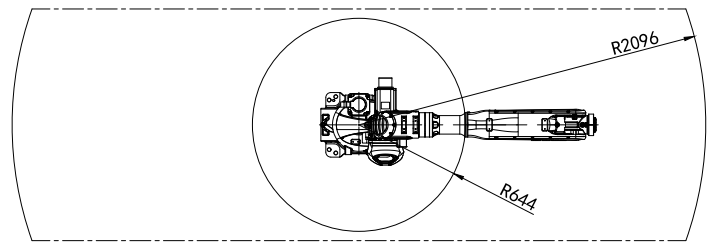
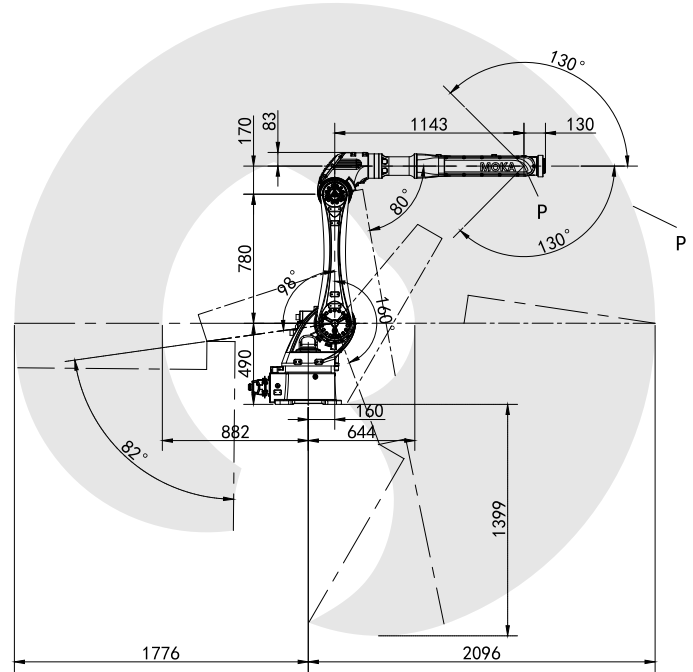
Repeatability



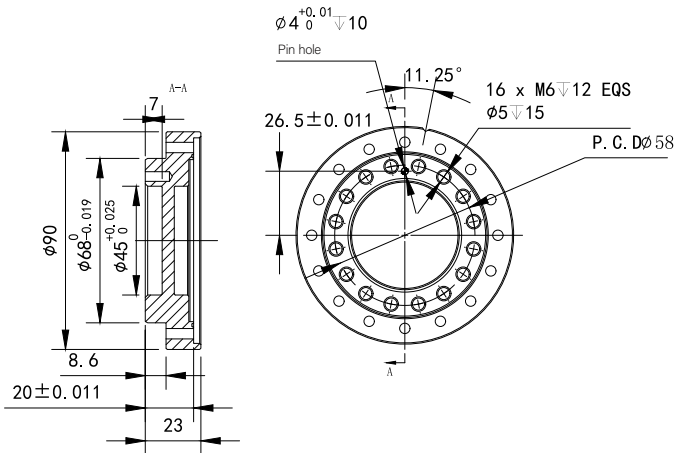
Moving range

External dimensions and moving range

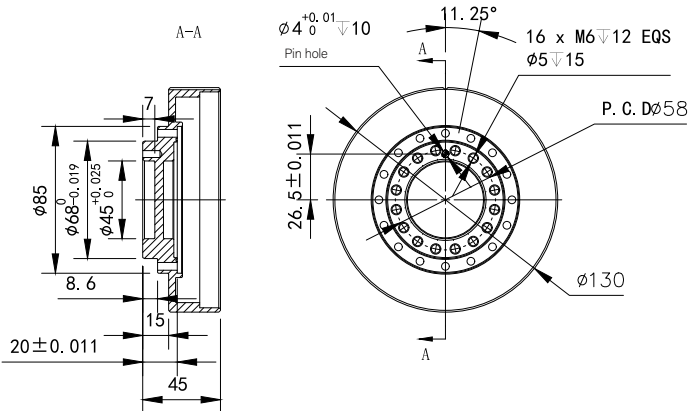
P moving range



End flange installation dimensions

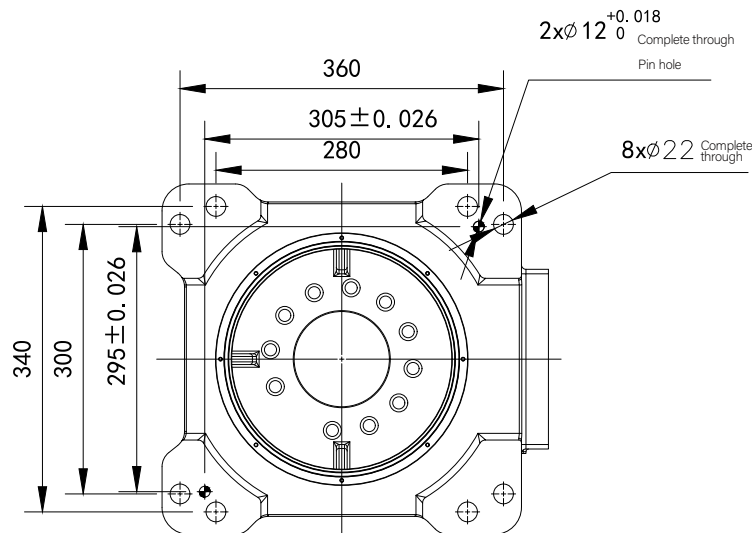


End flange installation dimensions (waterproof)



End flange installation dimensions (waterproof) Only for polishing and die-casting industries

Base installation dimensions





Committed to providing customers with
the most valuable products

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