

MOTOMAN GP215L

Handling & General Applications
with the GP Series



The 6-axis MOTOMAN GP215L robot is a powerful and versatile industrial robot. It is characterised by a high payload of 215 kg and an impressive working range of 3114 mm.

The robot is an all-rounder and is ideally suited to a wide range of applications, such as the handling of heavy and large-format components, machine loading, assembly and palletizing tasks.

Thanks to its compact, floor-mounted design, the GP215L can be used in confined spaces.

As component size and weight continue to increase across automotive, battery, and industrial manufacturing, the GP215L provides the flexibility, safety, and efficiency needed to automate critical handling operations.

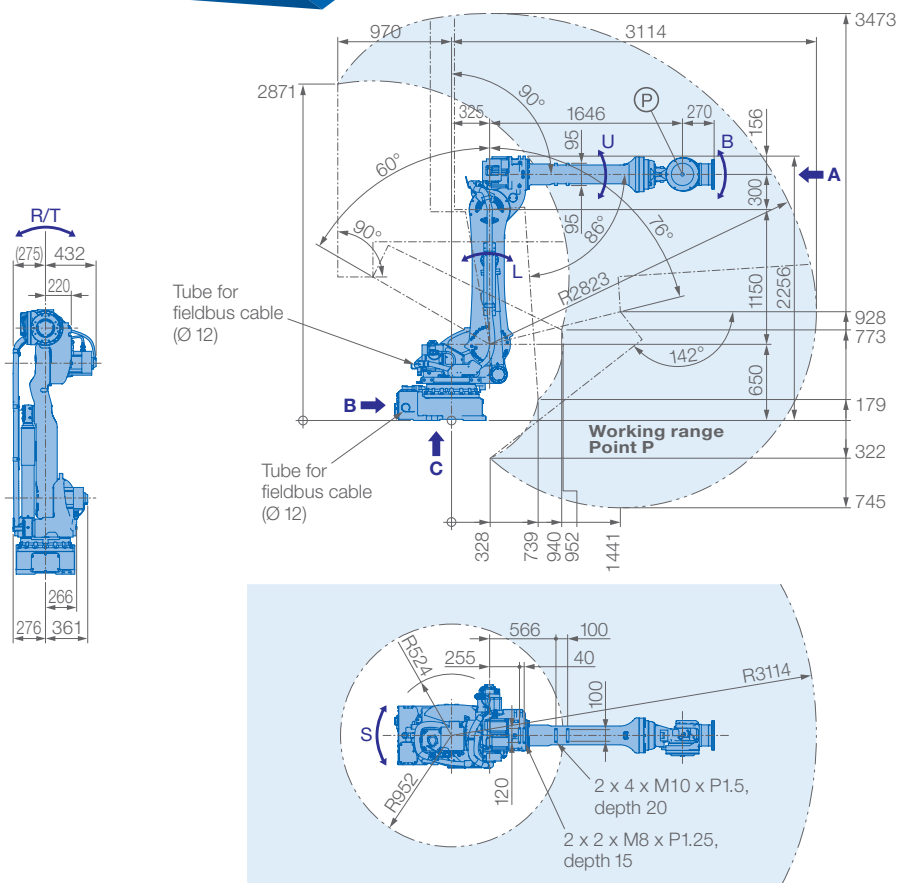
KEY BENEFITS

- Fast, flexible and powerful
- High payload: 215 kg
- Wide motion range: 3114 mm
- Maximum performance using minimal floor space
- Reliable IP67 protection for all robot axes; IP54 housing

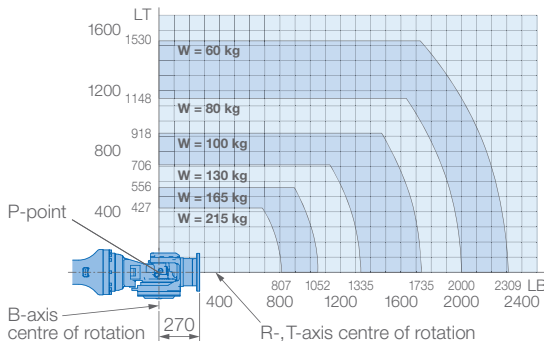
TYPICAL APPLICATIONS

- Material Handling
- Assembly
- Machine Tending
- Intralogistics & End-of-Line Handling
- Palletizing

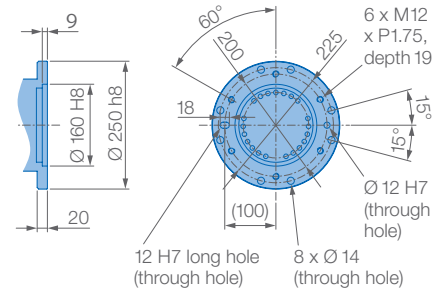




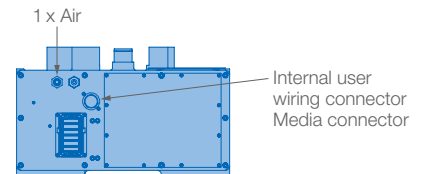
Allowable wrist load



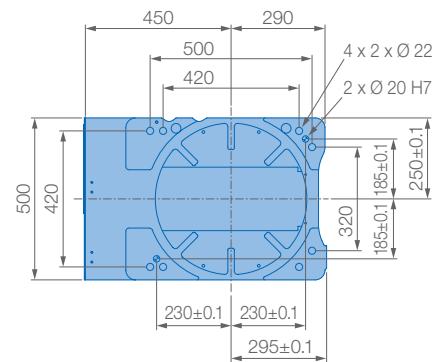
View A



View B



View C



Mounting option: Floor

Protection class: IP54/IP67



Specifications GP215L					
Axes	Maximum motion range [°]	Maximum speed [°/s]	Allowable moment [Nm]	Allowable moment of inertia [kg · m ²]	Controlled axes
S	±180	105	—	—	6
L	+76/−60	88	—	—	Max. payload [kg]
U	+90/−86	88	—	—	Repeatability [mm]
R	±360	120	1700	320	Max. working range R [mm]
B	±125	120	1700	320	Temperature [°C]
T	±360	200	900	200	Humidity [%]
					Weight [kg]
					Power supply, average [kVA]

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All drawing dimensions in mm. Technical data may be subject to change without previous notice. Please request detailed drawings at robotics@yaskawa.eu.

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