YASKAWA

MOTOMAN MH215 II

Handling & General Applications with the MH-series



The 6-axis MOTOMAN MH215 II is a versatile, high speed robot offering superior performance for a variety of applications, like material handling, machine and press tending.

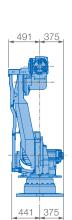
Despite of providing a high payload of 215 kg and the wide motion range of 2912 mm, the MOTOMAN MH215 II was designed with a width of 866 mm, therefore valuable floor space can be saved.

With the higher axis operation speed and speed reducer rigidity, a new vibration control system was developed. By reducing cycle times, this system realises high increases in productivity.

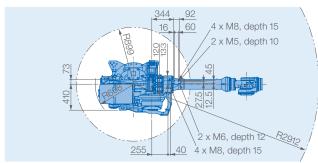
KEY BENEFITS

- Fast, flexible and powerful
- High payload: 215 kg
- Wide motion range: 2912 mm
- Maximum performance using minimal floor space

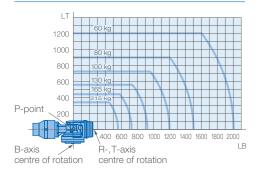




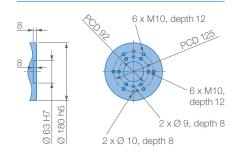
3311 5133 2221 2912 1490 153 Working range 1150 1225 Point P 1008 650 509 236 B 177 4 x M12, depth 24 583 371 739 784 844 899



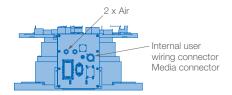
Allowable wrist load



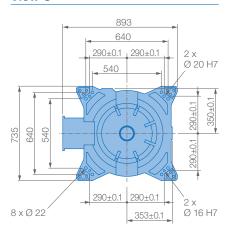
View A



View B



View C



Mounting option: Floor Protection class: IP54/67



| Specifications MH215 II | | | | | | |
|-------------------------|--------------------------------|------------------------------|-----------------------------|---|-----------------------------|----------|
| Axes | Maximum motion range [°] | Maximum speed [°/sec.] | Allowable moment [Nm] | Allowable moment of inertia [kg · m²] | Controlled axes | 6 |
| | | | | | Max. payload [kg] | 215 |
| S | ±180 | 100 | - | - | Repeatability [mm] | ±0.2 |
| L | +76/-60 | 90 | - | - | Max. working range R [mm] | 2912 |
| U | +230/–142,5 | 97 | - | - | Temperature [°C] | 0 to +45 |
| R | ±360 | 120 | 1176 | 317 | Humidity [%] | 20 - 80 |
| В | ±125 | 120 | 1176 | 317 | Weight [kg] | 1140 |
| Т | ±360 | 190 | 710 | 200 | Power supply, average [KVA] | 5.0 |



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Technical data may be subject to change without previous notice | Please request detailed drawings at robotics@yaskawa.eu.com

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