

The 6-axis MOTOMAN MH400 II is a versatile, powerful robot offering superior performance for a variety of applications. It provides a high payload of 400 kg and a wide motion range, which especially enables the handling of large work pieces. The robot features a parallel-link construction for strength, rigidity and stabilization of high moment and inertia loads. The MH400 II also has heavy-duty bearings which provide a smooth arm rotation. The MOTOMAN MH400 II is available with the optional Category 3 Functional Safety Unit (FSU), which allows an establishment of 32 safety units and up to 16 tools.

Controlled by
DX200



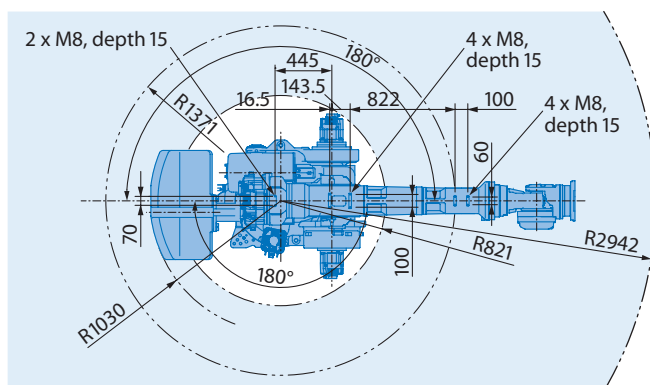
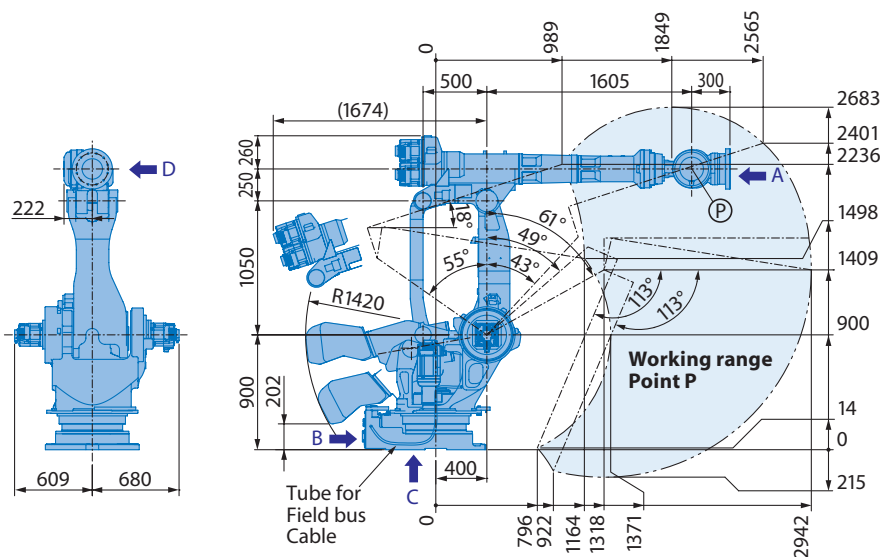
Key benefits

- Fast, flexible and powerful
- High payload: 400 kg
- Wide motion range: 2942 mm
- Parallel-link construction
- Heavy-duty bearings for smooth arm rotation
- Enhanced safety functions

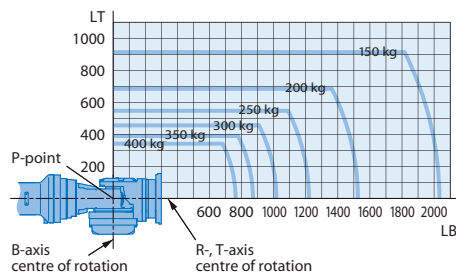
MOTOMAN MH400 II

Handling and general purpose

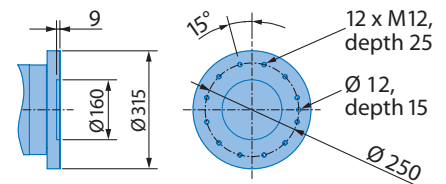




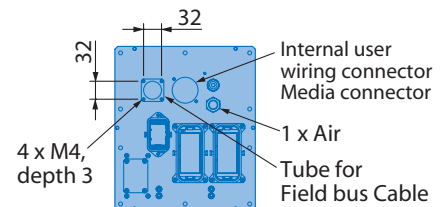
Allowable wrist load



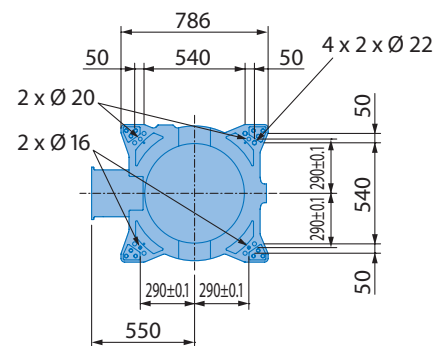
View A



View B

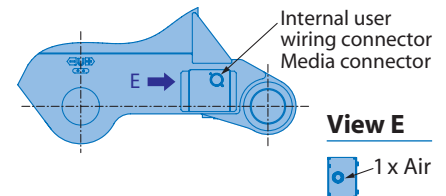


View C



Mounting option: Floor

View D



All dimensions in mm | Technical data may be subject to change without previous notice | Please request detailed drawings at robotics@yaskawa.eu - YR-MH400-J00, A-03-2015, A-No. 171855

Specifications MH400 II

Axes	Maximum motion range [°]	Maximum speed [°/sec.]	Allowable moment [Nm]	Allowable moment of inertia [kg · m ²]	Controlled axes	6
S	±180	102	—	—	Max. payload [kg]	400
L	+61/-55	97	—	—	Repeat. pos. accuracy [mm]	±0.3
U	+18/-113	97	—	—	Max. working range [mm]	R = 2942
R	±360	80	2989	500	Temperature [°C]	0 to +45
B	±115	80	2989	500	Humidity [%]	20 – 80
T	±360	172	1343	315	Weight [kg]	2700
					Power supply, average [KVA]	7.0

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