

Controlled by
DX100

The industrial robots MOTOMAN MH6S and MH6S-10 are compact and powerful 6-axis robots with high performances in a variety of applications such as machine tending, material handling and processing, where versatility is required. The short-arm models of the MH6 family is highly compact, giving it greater stiffness and making it ideal for positioning in confined spaces and close to the workpiece.

It's maximum working range amounts 977 mm. With increased speed of the robot axes, cycle times can be reduced.



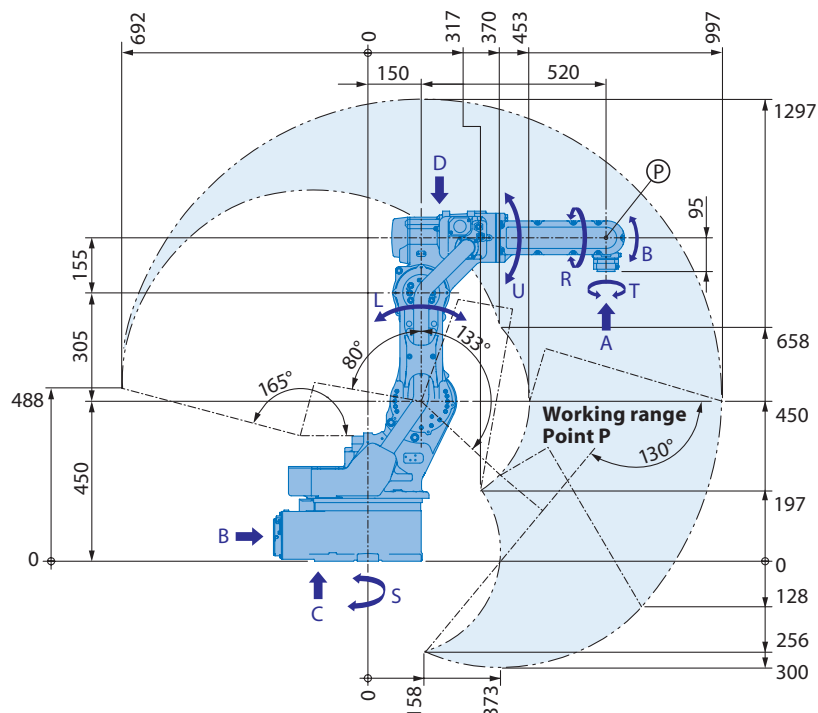
Key benefits

- Compact and powerful
- Greater Stiffness
- Ideal for a variety of applications, multi-purpose robots
- Maximum working range of 977 mm
- Maximum payload of 6/10 kg

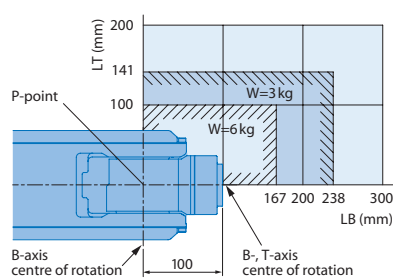
MOTOMAN MH6S, MH6S-10

General purpose and handling

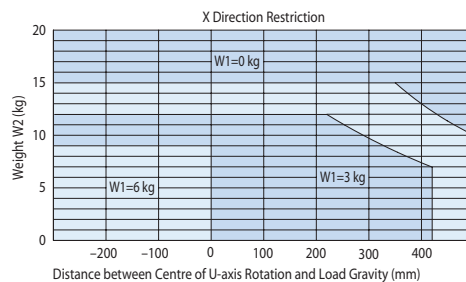




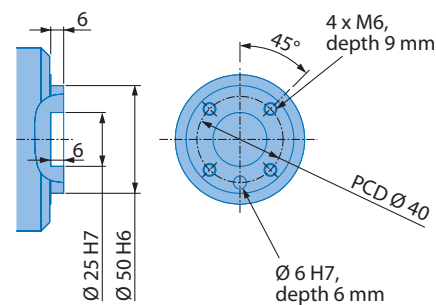
Allowable wrist load



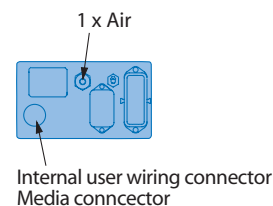
Allowable load on U-axis



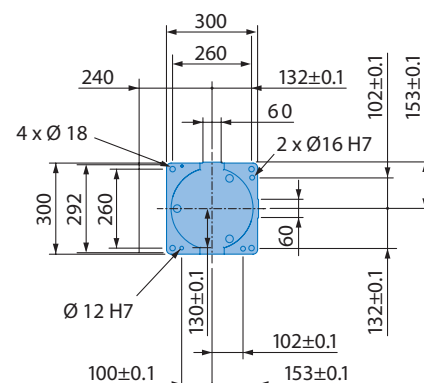
View A



View B



View C



Mounting options: Floor, ceiling, wall

All dimensions in mm | Technical data may be subject to change without previous notice | Please request detailed drawings at robotics@yaskawa.eu – YR-MH00006S-B00, YR-MH00005-B30, D-04-2014, A-Nr. 150262

Specifications MH6S, MH6S-10

Axes	Maximum motion range [°]	Maximum speed [°/sec.]		Allowable moment [Nm]		Allowable moment of inertia [kg · m²]		Controlled axes	
		MH6S	MH6S-10	MH6S	MH6S-10	MH6S	MH6S-10		
S	±170	220	200	–	–	–	–	Max. payload [kg]	6
L	+133/–80	220	200	–	–	–	–	Max. payload [kg]	6 10
U	+165/–130	220	200	–	–	–	–	Repeat. pos. accuracy [mm]	±0.08
R	±180	410	270	11.8	12.2	0.27	0.24	Max. working range [mm]	R = 997
B	+225/–45	410	270	9.8	14.2	0.27	0.21	Temperature [°C]	0 to +45
T	±360	610	400	5.9	7.3	0.06	0.06	Humidity [%]	20 – 80
								Weight [kg]	120
								Power supply, average [KVA]	1.5

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