

YASKAWA

MOTOMAN HP20F

Handling & General Applications with the HP-series

The high-speed, 6-axis MOTOMAN HP20F robot offers superior performance in a variety of applications, such as handling, welding, machine tending, packaging, cutting and assembly, where small to medium sized parts are handled.

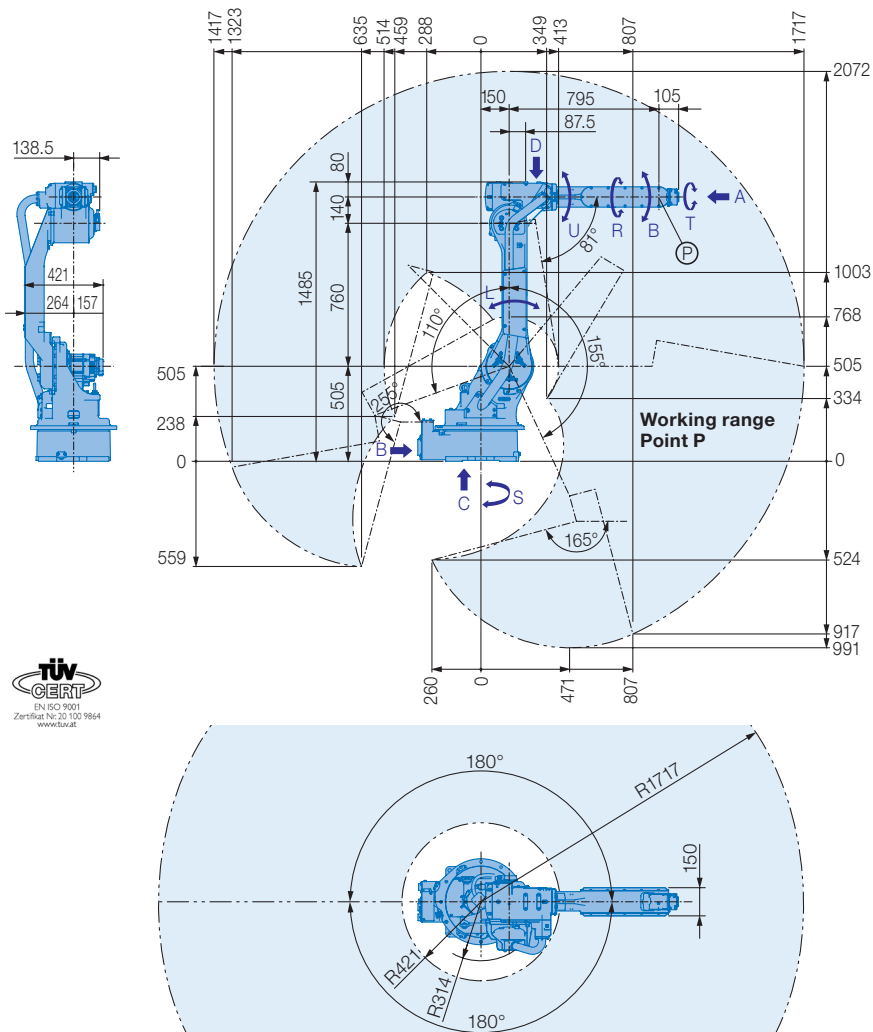
The compact HP20F requires minimal installation space, and offers improved part accessibility and the widest work envelope in its class. This robot is driven by the MOTOMAN FS100 compact controller.



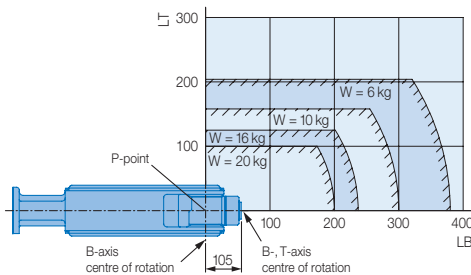
KEY BENEFITS

- Increase productivity due to high speed motion
- Ideal for a variety of applications, multi-purpose robot
- Improved part accessibility
- A robust and rigid robot with increased inertia

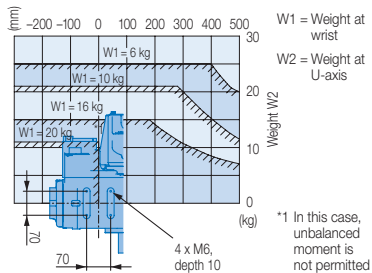
Controlled by
FS100



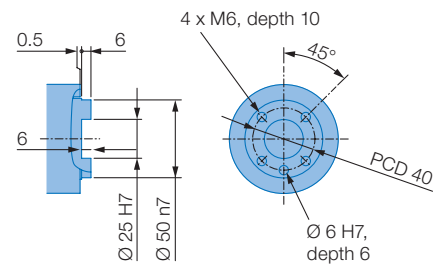
Allowable wrist load



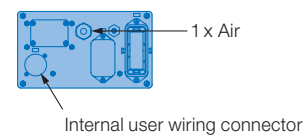
Allowable load on U-axis



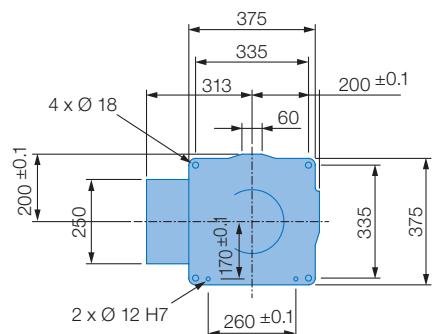
View A



View B

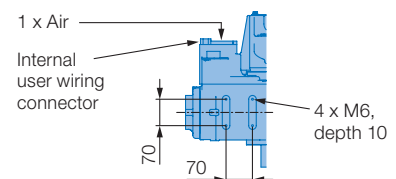


View C



Mounting options: Floor, ceiling, wall

View D



All dimensions in mm | Technical data may be subject to change
without previous notice | Please request detailed drawings at
robotics@yaskawa.eu.com –
YR-HP0020F-B00, H-06-2015, A-No. 150273

Axes	Specifications HP20F					
	Maximum motion range [°]	Maximum speed [°/sec.]	Allowable moment [Nm]	Allowable moment of inertia [kg · m²]	Controlled axes	6
					Max. payload [kg]	20
S	±180	197	–	–	Repeat. pos. accuracy [mm]	±0.06
L	+155/–110	175	–	–	Max. working range R [mm]	1717
U	+255/–165	187	–	–	Temperature [°C]	0 to +45
R	±200	400	39.2	1.05	Humidity [%]	20 – 80
B	+230/–50	400	39.2	1.05	Weight [kg]	268
T	±360	600	19.6	0.75	Power supply, average [KVA]	2