

MOTOMAN HP20RD II

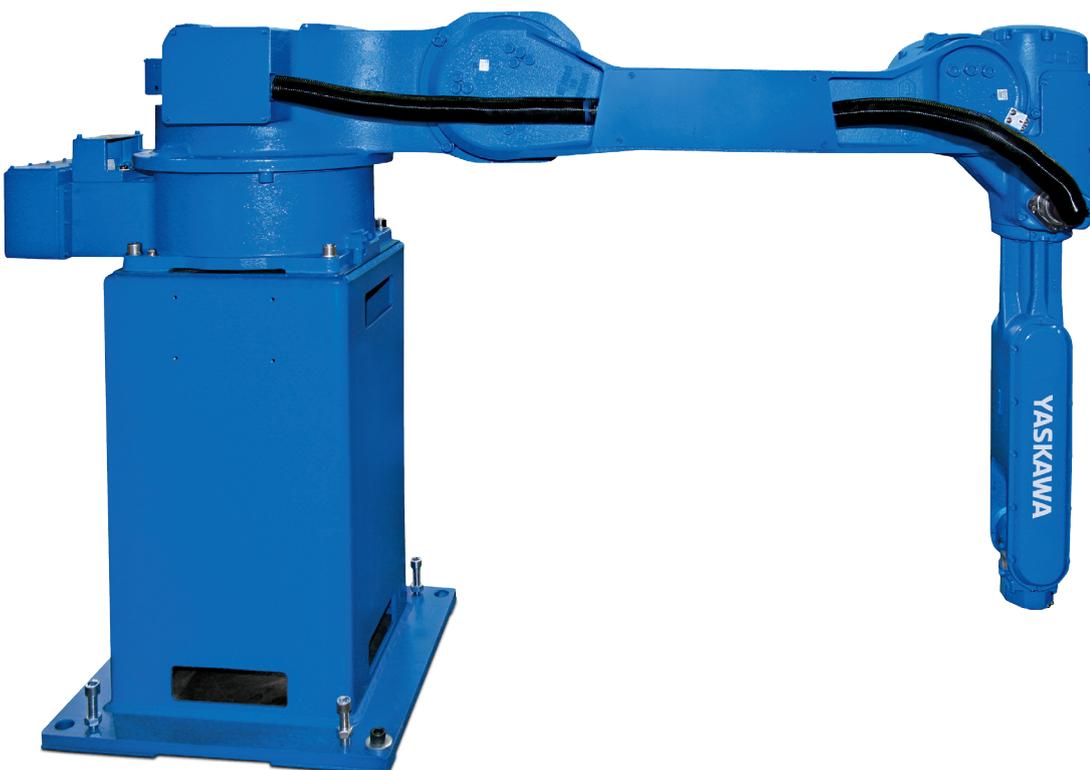
Handling & General Applications
with the HP-series

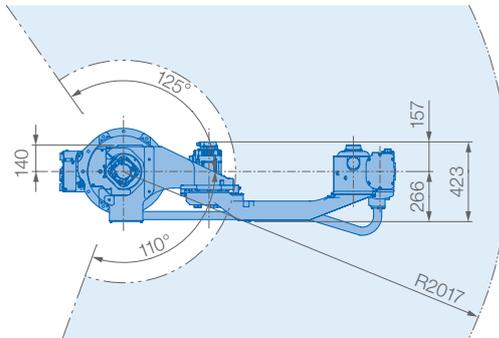
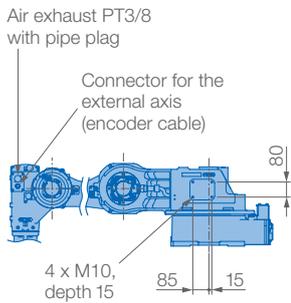
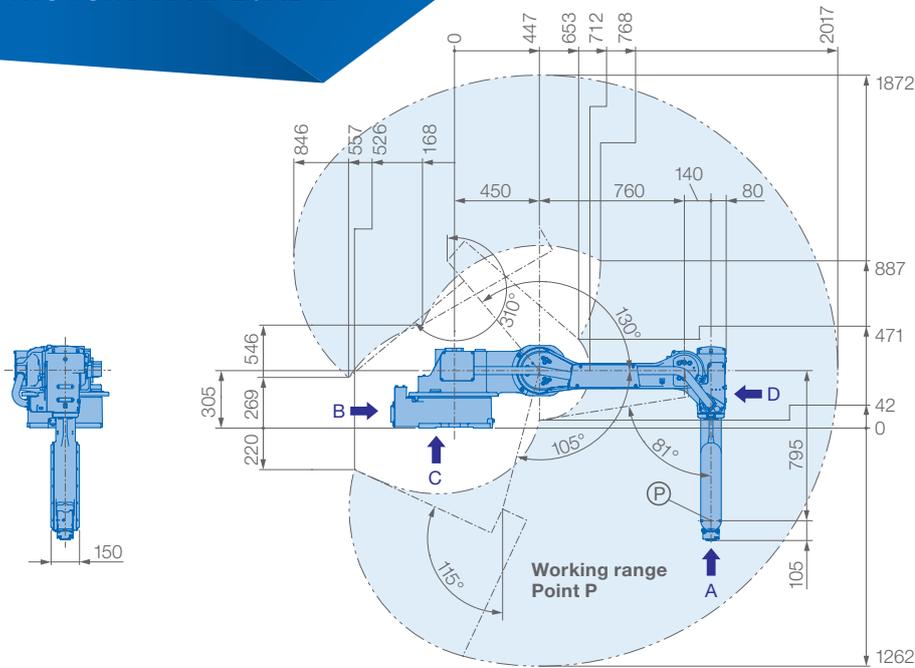
The flexible MOTOMAN HP20RD II is a 6-axis shelfmounted robot. It offers high productivity, reliability and maximum performance in the areas of handling, machine tending and press brake tending. Being shelf-mounted, it is able to unload work pieces from above. This saves precious floor space and ensures that the space required for tool changing is kept free. Furthermore, the internal cable routing extends the service life of the robots, increases safety and reduces cycle times.

The MOTOMAN HP20RD II is controlled by the highperformance MOTOMAN DX200 controller.

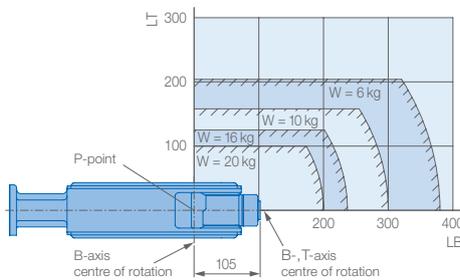
KEY BENEFITS

- Fast, flexible and powerful
- Streamlined design for minimal space requirements
- Shelf-mounted:
 - Working range extended
 - Simple gripping of components
- Possibility of mounting on machine

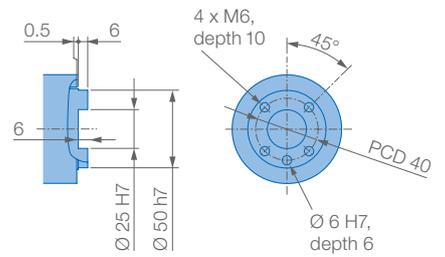




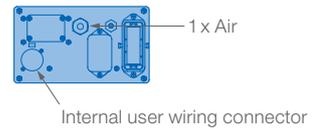
Allowable wrist load



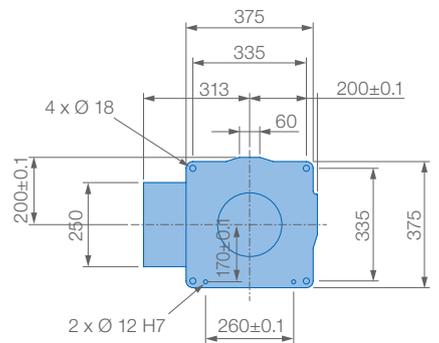
View A



View B

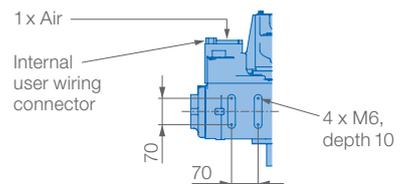


View C



Mounting options: Floor
Protection class: IP54/67

View D



Specifications HP20RD II					
Axes	Maximum motion range [°]	Maximum speed [°/sec.]	Allowable moment [Nm]	Allowable moment of inertia [kg · m ²]	Controlled axes
S	+125/-110	180	-	-	6
L	+105/-130	175	-	-	Max. payload [kg]
U	+310/-115	187	-	-	Repeatability [mm]
R	±200	400	39.2	1.05	Max. working range R [mm]
B	±140	400	39.2	1.05	Temperature [°C]
T	±360	600	19.6	0.75	Humidity [%]
					Weight [kg]
					Power supply, average [KVA]