

MOTOMAN HP20RD ||

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.

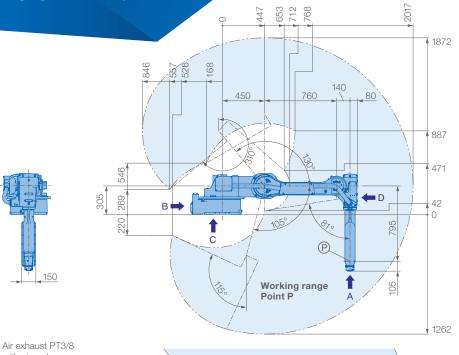
KEY BENEFITS

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

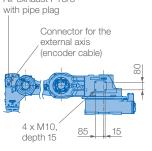


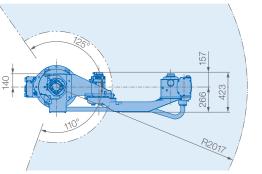


MOTOMAN HP20RD II

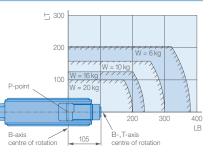




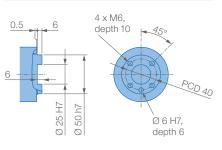




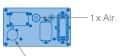
Allowable wrist load



View A

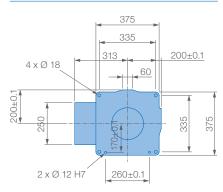


View B



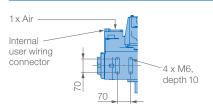
Internal user wiring connector

View C



Mounting options: Floor Protection class: IP54/67

View D



TUV
GERT
EN ISO 9001
Zertifikat Nr: 20 100 9864

Specifications HP20RD II							
Axes	Maximum motion range [°]	Maximum speed [°/sec.]	Allowable moment [Nm]	Allowable moment of inertia [kg · m²]	Controlled axes	6	
					Max. payload [kg]	20	
S	+125/-110	180	-	-	Repeatability [mm]	±0.06	
L	+105/-130	175	-	-	Max. working range R [mm]	2017	
U	+310/-115	187	-	-	Temperature [°C]	0 to +45	
R	±200	400	39.2	1.05	Humidity [%]	20 - 80	
В	±140	400	39.2	1.05	Weight [kg]	293	
т	±360	600	19.6	0.75	Power supply, average [KVA]	2.0	



YASKAWA Europe GmbH

Robotics Yaskawastraße 1 85391 Allershausen, Germany Tel. +49 (0) 8166 90-0 robotics@yaskawa.eu.com

All dimensions in mm

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

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