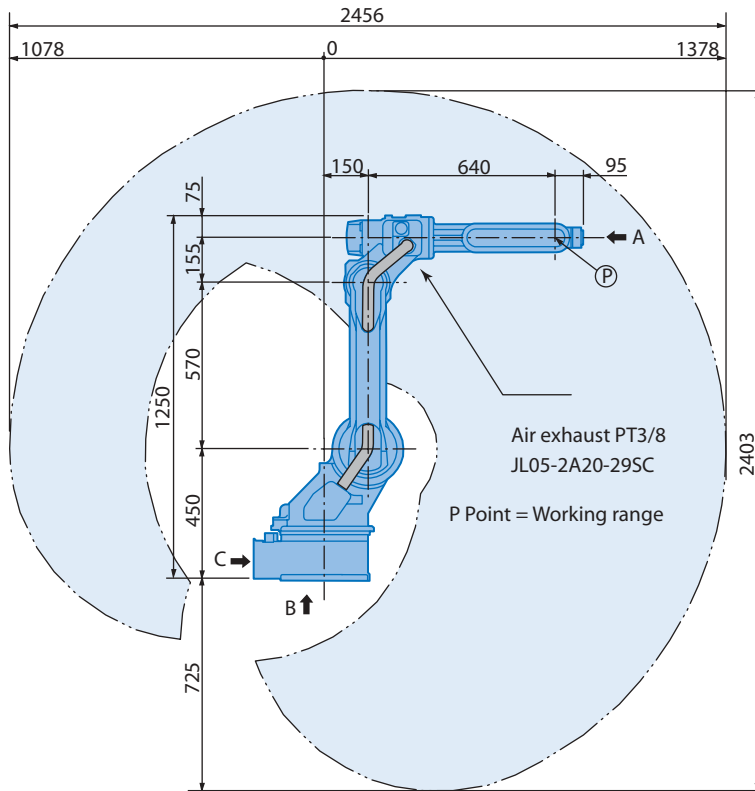


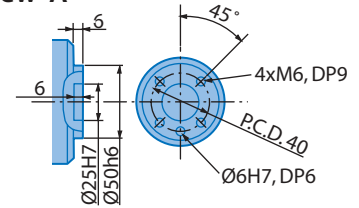
General purpose robot
MOTOMAN-HP6
MOTOMAN-HP6-10



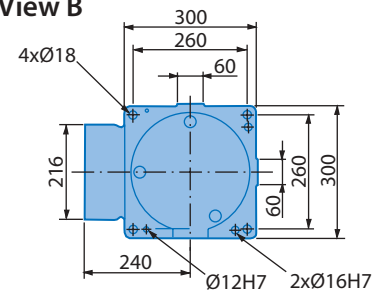
MOTOMAN-HP6



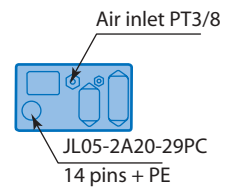
View A



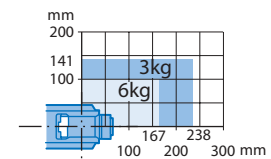
View B



View C



Maximum payload



Note

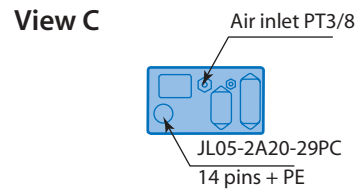
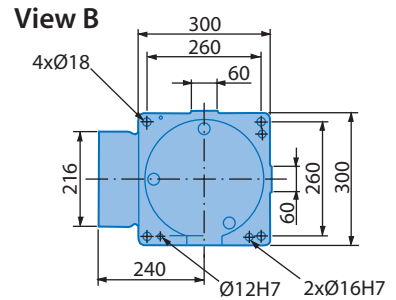
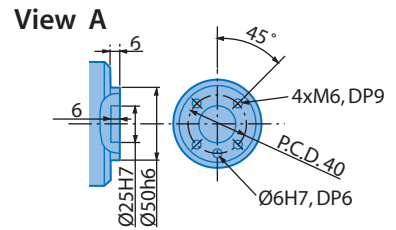
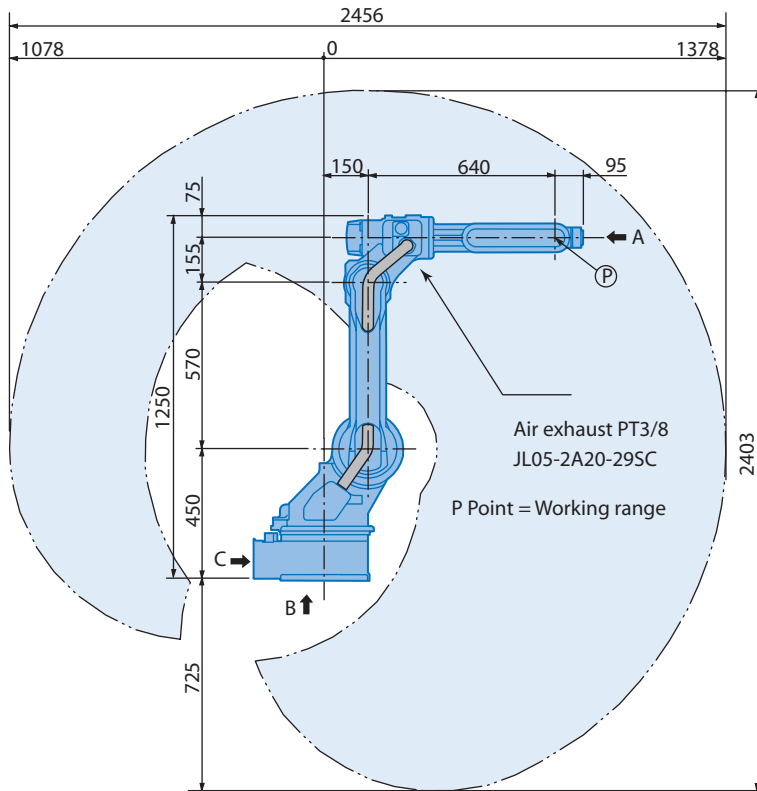
These dimensions are for reference only. Please request detail drawings for all design or engineering requirements.

Technical Specification for MOTOMAN-HP6

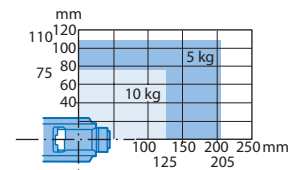
Controlled axis	6	Axis	Motion range	Maximum speed	Allowable moment	Allowable inertia
Payload	6 kg					
Repeatability	±0.08 mm	S	±170°	150°/s	-	-
Weight	130 kg	L	+155°, -90°	160°/s	-	-
Power requirements	1.5 kVA	U	+250°, -175°	170°/s	-	-
Mounting positions	Floor, wall ¹⁾ and ceiling	R	±180°	340°/s	11.8 Nm	0.24 kg·m ²
Wrist unit protection class	N.C. ²⁾	B	+225°, -45°	340°/s	9.8 Nm	0.17 kg·m ²
Robot body protection class	N.C. ²⁾	T	±360°	520°/s	5.9 Nm	0.06 kg·m ²
Ambient conditions	0 to +45°C, 20-80% RH					

¹⁾ S-axis limitations

²⁾ Not classified for standard version. Optional IP-class pending.

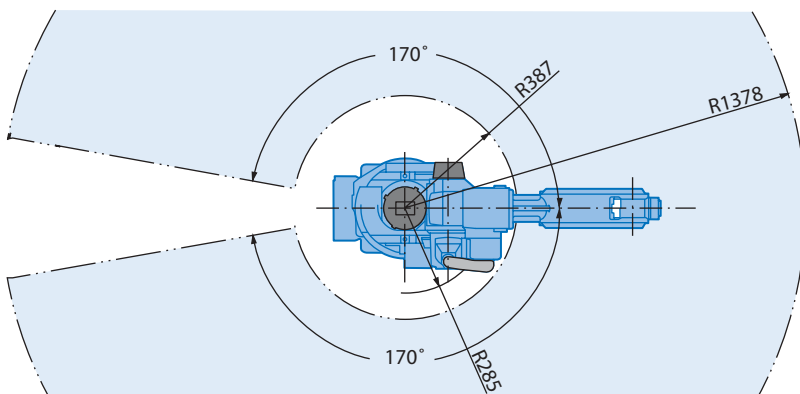


Maximum payload



Note

These dimensions are for reference only.
Please request detail drawings for all design or engineering requirements.



Technical Specification for MOTOMAN-HP6-10

Controlled axis	6	Axis	Motion range	Maximum speed	Allowable moment	Allowable inertia
Payload	10 kg					
Repeatability	±0.08 mm	S	±170°	120°/s	-	-
Weight	130 kg	L	+155°, -90°	130°/s	-	-
Power requirements	1.5 kVA	U	+250°, -175°	135°/s	-	-
Mounting positions	Floor, wall ¹⁾ and ceiling	R	±180°	270°/s	12.2 Nm	0.24 kg·m ²
Wrist unit protection class	N.C. ²⁾	B	+225°, -45°	270°/s	14.2 Nm	0.21 kg·m ²
Robot body protection class	N.C. ²⁾	T	±360°	400°/s	7.3 Nm	0.06 kg·m ²
Ambient conditions	0 to +45°C, 20-80% RH					

¹⁾ S-axis limitations

²⁾ Not classified for standard version. Optional IP-class pending.

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