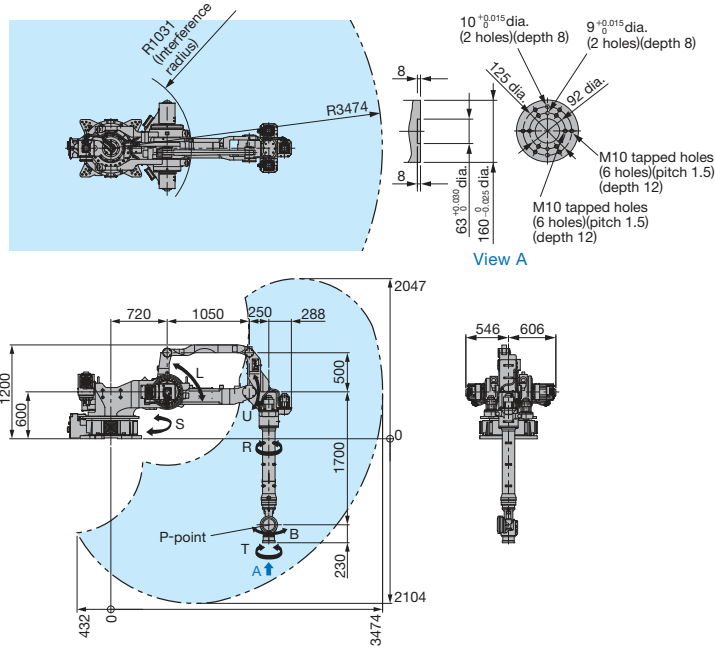


PH130RF



Model		MOTOMAN-PH130RF
Type		YR-1-06VRF130-A00
Controlled Axis		6 (vertically articulated)
Payload	Wrist	130 kg
	U -arm	10 kg
Maximum Reach		3474 mm
Repeatability*1		0.3 mm
Range of Motion	S -axis (turning)	-180°-+180°
	L -axis (lower arm)	-130°-+ 70°
	U -axis (upper arm)*2	- 70°-+ 95°
	R -axis (wrist roll)	-360°-+360°
	B -axis (wrist pitch/yaw)	-130°-+130°
	T -axis (wrist twist)	-360°-+360°
Maximum Speed	S -axis (turning)	1.92 rad/s, 110°/s
	L -axis (lower arm)	1.92 rad/s, 110°/s
	U -axis (upper arm)	1.92 rad/s, 110°/s
	R -axis (wrist roll)	3.75 rad/s, 215°/s
	B -axis (wrist pitch/yaw)	3.14 rad/s, 180°/s
	T -axis (wrist twist)	5.23 rad/s, 300°/s
Allowable Moment	R -axis (wrist roll)	735 N·m
	B -axis (wrist pitch/yaw)	735 N·m
	T -axis (wrist twist)	421 N·m
Allowable Inertia (GD ² /4)	R -axis (wrist roll)	45 kg·m ²
	B -axis (wrist pitch/yaw)	45 kg·m ²
	T -axis (wrist twist)	15 kg·m ²
Approx. Mass		1560 kg
IEC Protection Class		Body: IP30, Wrist: IP67
Ambient Conditions	Temperature	0 °C to +45 °C
	Humidity	20% to 80%RH (non-condensing)
	Vibration	9.8 m/s ² (1.0 G) or less
	Altitude	1000 m or less
Power Requirements*3		7.5 kVA
Mounting		Shelf

*1: Conforms to ISO 9283.

*2: The range of motion of the U-axis itself. Not with respect to the ground.
(Except for parallel-link type models)

*3: Varies in accordance with applications and motion patterns.
Note: SI units are used for the specifications.