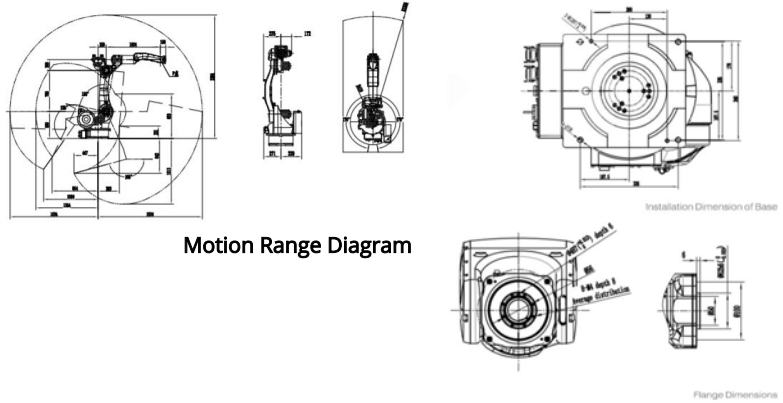


SM-R1020W2020

Industrial Robot



Motion Range Diagram

Installation Interface Diagram

Arm form		Vertical multiple joints
Degree of freedom		6 axis
Maximum payload		10 Kg
Maximum travel	axis 1	Ground/upside down mounting -167° ~167°, wall mounting -30° ~30°
	axis 2	0° ~ 175°
	axis 3	-80° ~ 150°
	axis 4	-190° ~ 190°
	axis 5	-105° ~ 130°
	axis 6	-210° ~ 210°
Maximum speed	axis 1	159° / S
	axis 2	159° / S
	axis 3	169° / S
	axis 4	280° / S
	axis 5	240° / S
	axis 6	483° / S
Allowable torque	axis 4	24 N.m
	axis 5	24 N.m
	axis 6	14 N.m
Allowable moment of inertia	axis 4	1.4 Kg.m ²
	axis 5	1.4 Kg.m ²
	axis 6	0.5 Kg.m ²
Repeated positioning accuracy		±0.08 mm
Maximum reaching distance		1920 mm
Robot body weight		288 Kg
Installation mode		Ground or upside down mounting
Installation environment	ambient temperature	0 ~ 45°
	relative humidity	20 ~ 80% (No condensation)
	vibration	Under 0.5 G
	Others	Robot installation must be away from: Flammable or corrosive liquids or gases, electrical sources of interference
IP level		Body IP54, wrist IP67
Advance features		Compact structure, high speed, high precision, high expansibility and easy operation
Application		Welding, cutting, assembly, handling, marking, grinding