

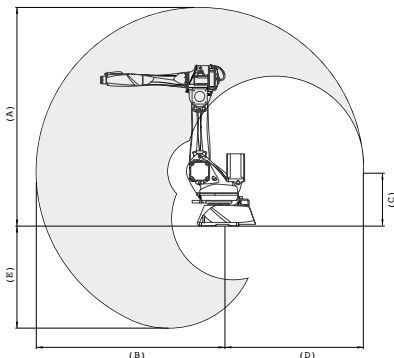
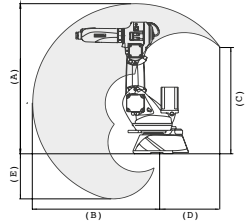
Racer

**Precision and speed
meet beauty and passion**

Racer7-0.99
Racer7-1.40



TECHNICAL SPECIFICATIONS

Model		Racer7-0.99	Racer7-1.40	Suggested applications
Number of axes		6	6	• Assembly • Cosmetic Sealing • Handling / Packaging • Machine Tending • Measuring / Testing • Polishing / Deburring
Maximum wrist payload		7 kg*	7 kg	
Additional load on forearm		10 kg	10 kg	
Maximum horizontal reach		999 mm	1436 mm	
Torque on axis 4		13 Nm	13 Nm	
Torque on axis 5		13 Nm	13 Nm	
Torque on axis 6		7.5 Nm	7.5 Nm	
Stroke (Speed)	Axis 1	+/- 165° (250°/s)	+/- 165° (220°/s)	
	Axis 2	-65° / +150° (250°/s)	-85° / +155° (250°/s)	
	Axis 3	-165° / -37° (300°/s)	0° / -168° (300°/s)	
	Axis 4	+/- 210° (550°/s)	+/- 210° (550°/s)	
	Axis 5	+/- 137° (550°/s)	+/- 135° (550°/s)	
	Axis 6	+/- 2700° (600°/s)	+/- 2700° (600°/s)	
Repeatability		0.05 mm	0.05 mm	
Tool coupling flange		ISO 9409 - 1 - A 40	ISO 9409 - 1 - A 40	
Robot weight		173 kg	180 kg	
Protection class		IP65	IP65	
Mounting position		Floor / Ceiling / Sloping / Wall	Floor / Ceiling / Sloping (45° max)	
Operating Areas	A	1279 mm	1716 mm	
	B	999 mm	1436 mm	
	C	904 mm	412 mm	
	D	554 mm	1130 mm	
	E	385 mm	801 mm	

*For Pick&Place 10 kg with a limited stroke of the 5th axis