



Small Robots

[illegible]

Low Payloads

_05		_06		_07		_08		_09		_10		_11		_12		_13		_14		_15			
KR 6-2		KR CYBERTECH nano		KR CYBERTECH arc nano		KR CYBERTECH		KR 16-2		KR 16-3 S		KR 16 L6-2		KR 16 arc HW		KR 16 L8 arc HW		KR 16-2 KS		KR 16 L6-2 KS		KR 20-2	
6 kg		6 kg		6 kg		8 kg		16 kg		16 kg		6 kg		16 kg		8 kg		16 kg		6 kg		20 kg	
-		8 kg		8 kg		12 kg		-		-		-		-		-		-		-		-	
-		10 kg		8 kg		16 kg		-		-		-		-		-		-		-		-	
-		-		-		16 kg		-		-		-		-		-		-		-		-	
-		-		-		20 kg		-		-		-		-		-		-		-		-	
-		-		-		22 kg		-		-		-		-		-		-		-		-	
10 kg		10 kg		10 kg		10 kg		10 kg		10 kg		10 kg		12 kg		12 kg		10 kg		10 kg		10 kg	
1611 mm		1620 mm		1620 mm		2010 mm		1611 mm		1611 mm		1911 mm		1636 mm		2016 mm		1801 mm		2101 mm		1611 mm	
-		1620 mm		1620 mm		1810 mm		-		-		-		-		-		-		-		-	
-		1420 mm		1420 mm		1610 mm		-		-		-		-		-		-		-		-	
-		-		-		2010 mm		-		-		-		-		-		-		-		-	
-		-		-		1810 mm		-		-		-		-		-		-		-		-	
-		-		-		1610 mm		-		-		-		-		-		-		-		-	
6		6		6		6		6		6		6		6		6		6		6		6	
<+10.05 mm		<+10.04 mm		<+10.04 mm		<+10.04 mm		<+10.05 mm		<+10.05 mm		<+10.05 mm		<+10.04 mm		<+10.04 mm		<+10.05 mm		<+10.05 mm		<+10.05 mm	
235 kg		160 kg		165 kg		270 kg		235 kg		235 kg		240 kg		245 kg		240 kg		245 kg		245 kg		254 kg	
-		155 kg		175 kg		264 kg		-		-		-		-		-		-		-		-	
-		185 kg		180 kg		263 kg		-		-		-		-		-		-		-		-	
-		-		-		270 kg		-		-		-		-		-		-		-		-	
-		-		-		264 kg		-		-		-		-		-		-		-		-	
-		-		-		263 kg		-		-		-		-		-		-		-		-	
Wall, Floor, Ceiling		Wall, Floor, Ceiling, Angle		Wall, Floor, Ceiling, Angle		Wall, Floor, Ceiling, Angle		Wall, Floor, Ceiling		Floor, Ceiling		Wall, Floor, Ceiling		Floor, Ceiling		Floor, Ceiling		Floor		Floor		Floor, Ceiling	
-		90°		-		-		90°		90°		-		-		-		90°		-		-	
-		-		Arc welding		-		-		-		-		-		-		-		-		-	
+185°		+170°		+170°		+185°		+185°		+185°		+185°		+185°		+185°		+114°		+114°		+185°	
+35°/-155°		+65°/-185°		+65°/-185°		+65°/-185°		+35°/-155°		+35°/-155°		+35°/-155°		+35°/-155°		+35°/-155°		+80°/-110°		+80°/-110°		+35°/-155°	
+154°/-130°		+163°/-137°		+180°/-120°		+172°/-142°		+154°/-130°		+154°/-130°		+154°/-130°		+154°/-120°		+154°/-120°		+154°/-130°		+154°/-130°		+154°/-130°	
+130°		+185°		+165°		+130°		+130°		+130°		+130°		+165°		+165°		+130°		+130°		+130°	
+130°		+120°		+140°/-150°		+130°		+130°		+130°		+130°		+130°		+140°		+130°		+130°		+130°	
+330°		+350°		+330°		+350°		+330°		+330°		+330°		inf/rotat.		inf/rotat.		+330°		+330°		+330°	
-		-		-		-		-		-		-		-		-		-		-		-	
156°/s		-		-		-		156°/s		192°/s		156°/s		200°/s		127°/s		120°/s		120°/s		156°/s	
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156°/s		-		-		-		156°/s		173°/s		156°/s		200°/s		130°/s		155°/s		156°/s		156°/s	
-		-		-		-		-		-		-		-		-		-		-		-	
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156°/s		-		-		-		156°/s		192°/s		156°/s		195°/s		125°/s		155°/s		156°/s		156°/s	
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343°/s		-		-		-		330°/s		329°/s		335°/s		370°/s		315°/s		330°/s		334°/s		330°/s	
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362°/s		-		-		-		330°/s		332°/s		355°/s		310°/s		320°/s		332°/s		358°/s		332°/s	
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659°/s		-		-		-		615°/s		789°/s		647°/s		610°/s		680°/s		616°/s		648°/s		616°/s	
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Medium Payloads

[illegible]

High Payloads

-21	-22	-23	-24	-25	-26	-27	-28	-29
KR QUANTIC prime K	KR QUANTIC ultra K	KR QUANTIC pro	KR QUANTIC extra	KR QUANTIC prime	KR QUANTIC ultra	KR QUANTIC extra HA	KR QUANTIC nano	KR QUANTIC nano Exclusive
210 kg	270 kg	120 kg	210 kg	240 kg	300 kg	120 kg	160 kg	120 kg
180 kg	270 kg	90 kg	180 kg	240 kg	270 kg	90 kg	120 kg	–
150 kg	240 kg	–	150 kg	210 kg ¹⁾	240 kg	90 kg	–	–
120 kg	210 kg	–	120 kg	180 kg	210 kg	–	–	–
90 kg	180 kg	–	90 kg	150 kg	–	–	–	–
–	150 kg	–	–	–	–	–	–	–
–	120 kg	–	–	–	–	–	–	–
50 kg	50 kg	50 kg	50 kg	50 kg	50 kg	50 kg	50 kg	30 kg
2901 mm	3101 mm	2496 mm	2696 mm ¹⁾	2496 mm	2496 mm	2696 mm	1573 mm	2100 mm
3101 mm	2901 mm	2696 mm	2496 mm	2696 mm	2696 mm	2896 mm	1803 mm	–
3301 mm	3101 mm	–	2696 mm	2696 mm	2896 mm	3095 mm	–	–
3501 mm	3301 mm	–	2896 mm	2896 mm	3095 mm	–	–	–
3701 mm	3501 mm	–	3095 mm	3095 mm	–	–	–	–
–	3701 mm	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–
<±0.06 mm	<±0.05 mm	<±0.06 mm	<±0.06 mm	<±0.06 mm	<±0.06 mm	<±0.04 mm	<±0.06 mm	<±0.06 mm
1180 kg	1198 kg	1049 kg	1068 kg	1102 kg	1120 kg	1104 kg	684 kg	963 kg
1168 kg	1189 kg	1058 kg	1059 kg	1111 kg	1129 kg	1121 kg	677 kg	–
1184 kg	1198 kg	–	1068 kg	1111 kg	1145 kg	1129 kg	–	–
1124 kg	1214 kg	–	1084 kg	1106 kg	1154 kg	–	–	–
1204 kg	1201 kg	–	1092 kg	1114 kg	–	–	–	–
–	1215 kg	–	–	–	–	–	–	–
–	1221 kg	–	–	–	–	–	–	–
Floor	Floor	Floor	Floor, Ceiling	Floor	Floor, Ceiling	Floor	Floor, Ceiling	Floor
–	E	–	E	G6 E	E	–	–	E
–	–	–	–	–	–	highly accurate	–	–
+185°	+185°	+185°	+185°	+185°	+185°	+185°	+180°	+165°
+70°/-140°	+70°/-140°	-5°/-140°	-5°/-140°	-5°/-140°	-5°/-140°	-5°/-140°	+45°/-145°	+45°/-135°
+155°/-120°	+155°/-120°	+155°/-120°	+155°/-120°	+155°/-120°	+155°/-120°	+155°/-120°	+145°/-130°	+155°/-65°
+350°	+350°	+350°	+350°	+350°	+350°	+350°	+350°	+350°
+125°/-122.5°	+125°/-122.5°	+125°	+125°	+125°/-122.5°	+125°/-122.5°	+125°	+120°	+125°
+350°	+350°	+350°	+350°	+350°	+350°	+350°	+350°	+350°
105°/s	105°/s	136°/s	123°/s	105°/s	105°/s	105°/s	123°/s	136°/s
105°/s	105°/s	136°/s	123°/s	105°/s	105°/s	105°/s	105°/s	–
105°/s	105°/s	–	123°/s	105°/s	105°/s	105°/s	–	–
105°/s	105°/s	–	123°/s	105°/s	105°/s	–	–	–
105°/s	105°/s	–	–	–	–	–	–	–
107°/s	101°/s	130°/s	115°/s	107°/s	101°/s	101°/s	114°/s	95°/s
107°/s	101°/s	130°/s	115°/s	107°/s	101°/s	101°/s	114°/s	–
107°/s	101°/s	–	115°/s	107°/s	101°/s	101°/s	–	–
107°/s	101°/s	–	115°/s	107°/s	101°/s	–	–	–
114°/s	107°/s	–	–	–	–	–	–	–
114°/s	107°/s	120°/s	112°/s	114°/s	107°/s	107°/s	86°/s	120°/s
114°/s	107°/s	120°/s	120°/s	107°/s	107°/s	107°/s	86°/s	–
114°/s	107°/s	–	120°/s	114°/s	107°/s	107°/s	–	–
114°/s	107°/s	–	120°/s	114°/s	107°/s	–	–	–

Heavy Payloads

_30		_31		_32		_33	
KR 360 FORTEC	KR 500 FORTEC	KR 600 FORTEC	KR 500 FORTEC MT	KR 1000 titan			
360 kg	500 kg	600 kg	500 kg	1000 kg			
280 kg	420 kg	510 kg	480 kg	750 kg			
240 kg	340 kg	420 kg	—	—			
—	—	—	—	—			
—	—	—	—	—			
—	—	—	—	—			
50 kg	50 kg	50 kg	50 kg	50 kg			
2826 mm	2826 mm	2826 mm	2826 mm	3202 mm			
3076 mm	3076 mm	3076 mm	3326 mm	3601 mm			
3326 mm	3326 mm	3326 mm	—	—			
—	—	—	—	—			
—	—	—	—	—			
—	—	—	—	—			
—	—	—	—	—			
6	6	6	6	6			
+10.08 mm	+10.08 mm	+10.08 mm	+10.08 mm	+10.10 mm			
2385 kg	2385 kg	2650 kg	2440 kg	4690 kg			
2415 kg	2415 kg	2680 kg	2475 kg	4740 kg			
2421 kg	2421 kg	2686 kg	—	—			
—	—	—	—	—			
—	—	—	—	—			
—	—	—	—	—			
—	—	—	—	—			
Floor, Ceiling	Floor, Ceiling	Floor	Floor	Floor			
A	A	A	A	A			
—	—	—	—	—			
—	—	—	—	—			
+185°	+185°	+185°	+185°	+150°			
+20°/-130°	+20°/-130°	+20°/-130°	+20°/-130°	+175°/-130°			
+144°/-100°	+144°/-100°	+144°/-100°	+144°/-100°	+145°/-110°			
+350°	+350°	+350°	+350°	+350°			
+120°	+120°	+120°	+120°	+118°			
+350°	+350°	+350°	+350°	+350°			
—	—	—	—	—			
100°/s	90°/s	80°/s	45°/s	58°/s			
100°/s	100°/s	80°/s	45°/s	58°/s			
100°/s	90°/s	80°/s	—	—			
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—	—	—	—	—			
—	—	—	—	—			
90°/s	80°/s	75°/s	45°/s	50°/s			
90°/s	80°/s	75°/s	45°/s	50°/s			
90°/s	80°/s	75°/s	—	—			
—	—	—	—	—			
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—	—	—	—	—			
90°/s	75°/s	70°/s	45°/s	50°/s			
90°/s	75°/s	70°/s	45°/s	50°/s			
90°/s	75°/s	70°/s	—	—			
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—	—	—	—	—			
120°/s	90°/s	70°/s	90°/s	60°/s			
120°/s	90°/s	70°/s	90°/s	60°/s			
120°/s	90°/s	70°/s	—	—			
—	—	—	—	—			
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—	—	—	—	—			
110°/s	83°/s	70°/s	83°/s	60°/s			
110°/s	83°/s	70°/s	83°/s	60°/s			
110°/s	83°/s	70°/s	—	—			
—	—	—	—	—			
—	—	—	—	—			
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—	—	—	—	—			
160°/s	130°/s	110°/s	130°/s	72°/s			
160°/s	130°/s	110°/s	130°/s	72°/s			
160°/s	130°/s	110°/s	—	—			
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Palletizing Robots

[illegible]

Press

[illegible]

Linear Units

[illegible]

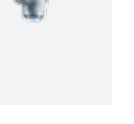
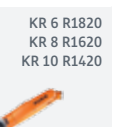
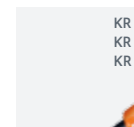
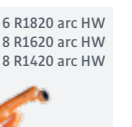
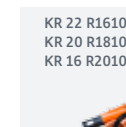
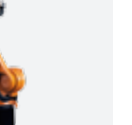
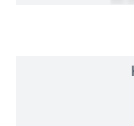
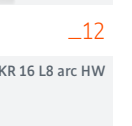
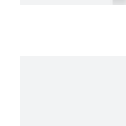
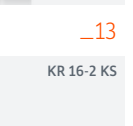
Jet

[illegible]

- 1) 适合标准型
- 2) 参考第四五轴交叉点
- 3) 天花板安装型有不同的轴参数
- 4) 适合天花板安装的机器人型号
- 5) 没有适合天花板安装型和铸造版机器人型号

产品范围

编号		型号
负载能力		
臂的附加负载		
最大作用范围 ^① / Z 轴行程		
轴数		
位置重复精度		
重量（机器人）约为		
安装位置		
设计型（可选）		
注释		
A1	混 流	轴参数
A2		
A3		
A4		
A5		
A6		
A7		
A1	以 流 型	
A2		
A3		
A4		
A5		
A6		
A7		

—01 LBR iiwa 14 R820 LBR iiwa 7 R800 	—02 KR 3 R540 	—03 KR 10 R1100 fiveve KR 6 R900 fiveve KR 6 R700 fiveve 	—04 KR 10 R1100 sixx KR 10 R900 sixx KR 6 R900 sixx KR 6 R700 sixx 	—05 KR 6-5 
—06 KR 6 R1820 KR 8 R1620 KR 10 R1420 	—07 KR 6 R1820 arc HW KR 8 R1620 arc HW KR 8 R1420 arc HW 	—08 KR 22 R1610 KR 20 R1810 KR 16 R2010 KR 16 R1610 KR 12 R1810 KR 8 R1620 	—09 KR 16-2 KR 16-3 S 	—10 KR 16 L6-2 
—11 KR 16 arc HW 	—12 KR 16 L8 arc HW 	—13 KR 16-2 KS 	—14 KR 16 L6-2 KS 	—15 KR 20-3 
—16 KR 30-3 KR 60-3 	—17 KR 30 L16-2 	—18 KR 30 HA KR 60 HA 	—19 KR 30-4 KS KR 60-4 KS 	—20 KR 60 L16-2 KS 
—21 KR 210 R2900 prime K KR 180 R3100 prime K KR 150 R3300 prime K KR 120 R3500 prime K KR 90 R3700 prime K 	—22 KR 270 R3100 ultra K KR 270 R2900 ultra K KR 240 R3100 ultra K KR 210 R3300 ultra K KR 180 R3500 ultra K KR 150 R3700 ultra K KR 120 R3900 ultra K 	—23 KR 120 R2500 pro KR 90 R2700 pro 	—24 KR 210 R2700 extra KR 180 R2500 extra KR 150 R2700 extra KR 120 R2900 extra KR 90 R3100 extra 	—25 KR 240 R2700 prime KR 210 R2900 prime KR 180 R3100 prime KR 150 R3300 prime 

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 <http://i.youku.com/kukarobotics>

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微信号: KUKA_Robotics_China

KUKA

产品选型手册



RR/EN/12/0217

CN

- CR 适合洁净室
- F 铸造版
- WP 防溅型
- CV 防护罩
- S 快速
- T 强扭矩
- HO 适合食品加工
- HM 医疗机械
- HP 高防护
- EX 适合有爆炸危险的工作环境（防爆型）

编号

型号																	
负载能力 ¹⁾																	
臂的附加负载																	
最大作用范围 ²⁾ / Z-轴行程																	
轴数																	
位置重复精度																	
重量（机器人）约为																	
安装位置																	
设计型（可选）																	
注释																	
轴参数	<table><tr><td rowspan="6">旋转</td><td>A1</td></tr><tr><td>A2</td></tr><tr><td>A3</td></tr><tr><td>A4</td></tr><tr><td>A5</td></tr><tr><td>A6</td></tr><tr><td rowspan="11">直线型</td><td>A7</td></tr><tr><td>A1</td></tr><tr><td>A2</td></tr><tr><td>A3</td></tr><tr><td>A4</td></tr><tr><td>A5</td></tr><tr><td>A6</td></tr><tr><td>A7</td></tr></table>	旋转	A1	A2	A3	A4	A5	A6	直线型	A7	A1	A2	A3	A4	A5	A6	A7
旋转	A1																
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