

KUKA



Robotics_Range



The technical data in the table apply exclusively to standard versions.

- 1) Refers to intersection of axes 4 and 5
- 2) Different axis data for ceiling-mounted variants
- 3) Only available in special versions
- 4) Complies with IEC 60601-1
- 5) Also applies to A7
- 6) Only available in selected countries
- 7) Provisional values


- A** Arctic version down to -30 °C
- CR** Suitable for clean rooms
- CR lite** Robot with improved ISO class
- CV** Covered
- EX** For potentially explosive areas
- F** Foundry version
- HM** Hygienic machine
- HO** Food-compatible lubricants
- S** Speed
- W/P** Splash-proof
- HI** High Inertia

_01




LBR iiwa 14 R820
LBR iiwa 7 R800

_02




LBR Med 14 R820
LBR Med 7 R800

_03



LBR iisy 15 R930
LBR iisy 11 R1300
LBR iisy 8 R930
LBR iisy 6 R1300
LBR iisy 3 R760

_04




KR 3 D1200
KR 3 D1200 HM
KR 3 D1200-2 HM

_20



KR 270 R3100-2 K
KR 210 R3300-2 K
KR 180 R3500-2 K
KR 120 R3900-2 K

_21




KR 160 R1570 nano
KR 120 R1800 nano

_22



KR 500 R2800-2
KR 420 R3100-2
KR 360 R2800-2
KR 340 R3400-2
KR 280 R3100-2
KR 240 R3700-2
KR 240 R3400-2

_23



KR 800 R2800-2
KR 640 R2800-2
KR 560 R3100-2
KR 480 R3700-2
KR 480 R3400-2

_05



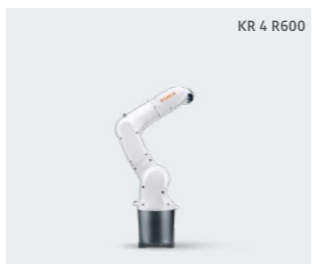
KR 20 R1200 Z450
KR 20 R1000 Z450
KR 20 R800 Z450

_06




KR 13 R850 Z340 HO
KR 12 R850 Z400
KR 12 R750 Z400/Z600
KR 12 R650 Z400
KR 6 R700 Z200-2
KR 6 R500 Z200-2

_07



KR 4 R600

_08



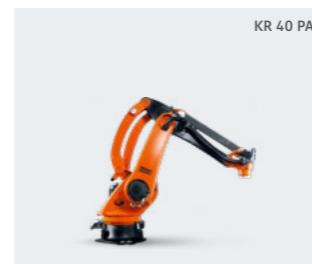
KR 10 R1100
KR 10 R900
KR 6 R900
KR 6 R700

_24



KR 1000 titan
KR 1000 L750 titan

_25



KR 40 PA

_26



KR 240 R3200-1 PA
KR 180 R3200-1 PA
KR 120 R3200-1 PA

_27



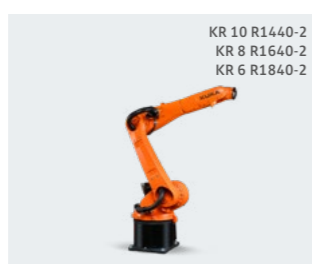
KR 240 R3200-2 PA
KR 180 R3200-2 PA
KR 140 R3200-2 PA

_09



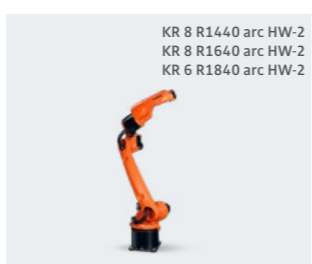
KR 10 R1440-2
KR 8 R1640-2
KR 6 R900-2
KR 6 R700-2

_10



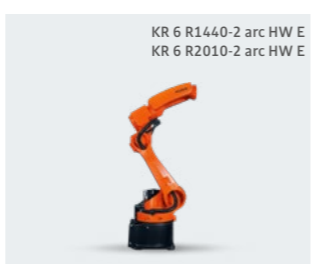
KR 10 R1440-2
KR 8 R1640-2
KR 6 R1840-2

_11



KR 8 R1440 arc HW-2
KR 8 R1640 arc HW-2
KR 6 R1840 arc HW-2

_12



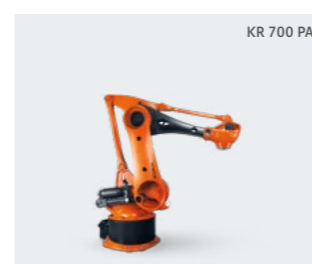
KR 6 R1440-2 arc HW E
KR 6 R2010-2 arc HW E

_28



KR 300-2 PA
KR 470-2 PA

_29



KR 700 PA

_30



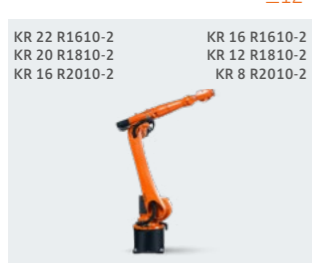
KR 1000 L950 titan PA
KR 1000 1300 titan PA

_31



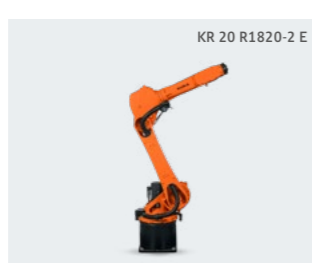
KR 120 R3500-2 P

_13



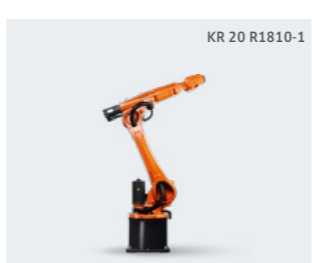
KR 22 R1610-2
KR 20 R1810-2
KR 16 R2010-2
KR 16 R1610-2
KR 12 R1810-2
KR 8 R2010-2

_14



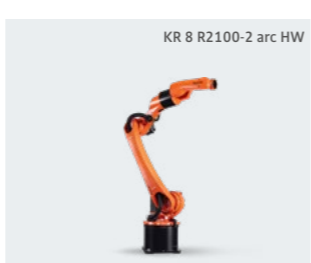
KR 20 R1820-2 E

_15



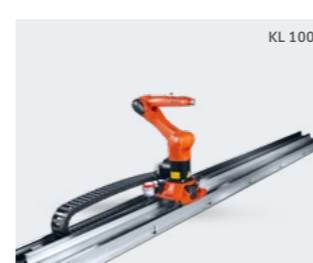
KR 20 R1810-1

_16



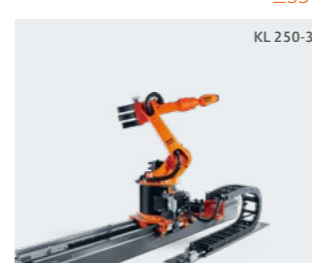
KR 8 R2100-2 arc HW

_32



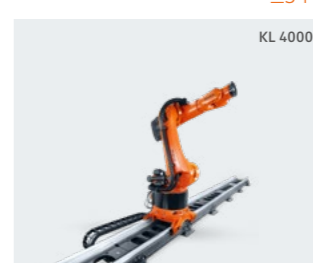
KL 100

_33



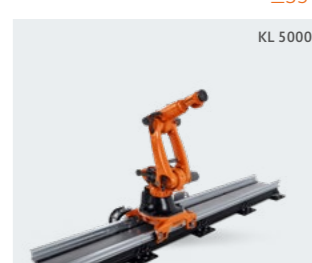
KL 250-3

_34



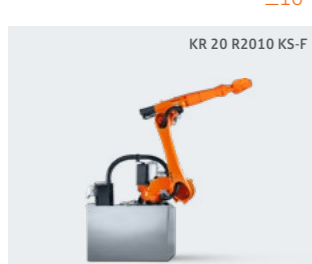
KL 4000

_35



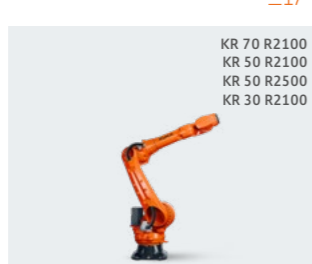
KL 5000

_17



KR 20 R2010 KS-F

_18



KR 70 R2100
KR 50 R2100
KR 50 R2500
KR 30 R2100

_19



KR 20 R3100

_20



KR 300 R2700-2
KR 250 R2700-2
KR 240 R2900-2
KR 210 R3100-2
KR 180 R2900-2
KR 210 R2700-2
KR 150 R3100-2
KR 150 R2700-2
KR 120 R3100-2
KR 120 R2700-2



Small Robots

	-01	-02	-03	-04	-05	-06	-07	-08	
Types	LBR iiwa	LBR Med ¹⁾	LBR iiis	KR DELTA	KR SCARA	KR 4 AGILUS	KR AGILUS-1 ¹⁾	KR AGILUS-2	
Rated payload	14 kg 7 kg	14 kg 7 kg	15 kg 11 kg 8 kg 6 kg 3 kg	3 kg 3 kg 3 kg	10 kg 10 kg 10 kg	6 kg 6 kg 6 kg 6 kg 3 kg 3 kg	4 kg	5 kg 5 kg 3 kg 3 kg	10 kg 6 kg 6 kg 6 kg
Maximum payload	-	-	16.41 kg 11.72 kg 8 kg ¹⁾ 6 kg ¹⁾ 3.34 kg	6 kg 6 kg 6 kg	20 kg 12 kg 20 kg	13 kg 12 kg 12 kg 12 kg 6 kg 6 kg	4.63 kg	10 kg 10 kg 6 kg 6 kg	11.1 kg 11.3 kg 6.7 kg 6.8 kg
Rated supplementary load on arm Max. reach ¹⁾ / Z-stroke	-	-	-	-	-	-	-	-	-
	820 mm 800 mm	820 mm 800 mm	930 mm 1300 mm 930 mm 1300 mm 760 mm	600 mm 600 mm	1200 mm 1000 mm 800 mm	850 mm 850 mm 750 mm 650 mm 700 mm 500 mm	601 mm	1101 mm 901 mm 901 mm 706 mm	1101 mm 901 mm 901 mm 726 mm
Number of axes	7	7	6	4	4	4	6	6	6
Positioning repeatability	±0.15/0.1 mm	±0.15/0.1 mm	±0.1 mm	±0.05 mm	±0.025-0.035 mm	±0.02-0.025 mm	±0.02 mm	±0.03 mm	±0.02 mm
Weight (robot) approx.	29.9 kg 23.9 kg	32.3 kg 25.5 kg	43.2 kg 46.3 kg 43.2 kg 46.3 kg 22.8 kg	105 kg 95 kg 95 kg	64 kg 64 kg 60 kg	55 kg 51 kg 51 kg 49 kg 22 kg 20 kg	27 kg	54 kg 52 kg 52 kg 50 kg	55 kg 55 kg 55 kg 53 kg
Mounting position	Floor, Ceiling, Wall	Floor, Ceiling, Wall	Floor, Ceiling, Wall, Angle	Ceiling	Floor	Floor	Floor, Ceiling, Wall, Angle	Floor, Ceiling, Wall, Angle	Floor, Ceiling, Wall, Angle
Version (optional)	CR	-	-	HM	CR	CR HO	-	CR EX HM WP	HO
Comments	-	-	-	-	-	-	-	-	-
Axis Data	±170°	±170°	±185°	+42°/-109° ^{a)}	±140°	±132°/±145° ^{b)}	±170°	±170°	±170°
A2	+120°	+120°	+50°/-230°	+42°/-109° ^{a)}	±140°	±145°	+40°/-195°	+45°/-190°	+45°/-190°
A3	±170°	±170°	±150°	+42°/-109° ^{a)}	-	-	+150°/-115°	+156°/-120°	+156°/-120°
A4	+120°	+120°	+175°	+355° ^{a)}	+355°	+355°	±185°	±185°	±185°
A5	±170°	±170°	±110°	-	-	-	±120°	±120°	±120°
A6	±120°	±120°	±220°	-	-	-	±350°	±350°	±350°
A7	±175°	±175°	-	-	-	-	-	-	-
A1	85°/s 98°/s	85°/s 98°/s	200°/s 200°/s 200°/s ¹⁾ 200°/s ¹⁾ 200°/s	610°/s 168°/s 600°/s	280°/s 350°/s 420°/s	390°/s 400°/s 430°/s 450°/s 420°/s 420°/s	336°/s	300°/s 300°/s 360°/s 360°/s	300°/s 300°/s 360°/s 360°/s
A2	85°/s 98°/s	85°/s 98°/s	200°/s 200°/s 200°/s ¹⁾ 200°/s ¹⁾ 200°/s	610°/s 168°/s 600°/s	470°/s 530°/s 590°/s	645°/s 660°/s 660°/s 665°/s 720°/s 720°/s	336°/s	225°/s 225°/s 300°/s 300°/s	225°/s 225°/s 300°/s 300°/s
A3	100°/s 100°/s	100°/s 100°/s	200°/s 200°/s 200°/s ¹⁾ 200°/s ¹⁾ 200°/s	610°/s 168°/s 600°/s	-	-	488°/s	225°/s 225°/s 360°/s 360°/s	330°/s 330°/s 360°/s 360°/s
A4	75°/s 130°/s	75°/s 130°/s	230°/s 230°/s 230°/s ¹⁾ 230°/s ¹⁾ 300°/s	840°/s 162°/s 840°/s	1400°/s 1400°/s	2700°/s 2700°/s 2700°/s 2700°/s 2000°/s 2000°/s	600°/s	381°/s 381°/s 381°/s 381°/s	360°/s 360°/s 450°/s 450°/s
A5	130°/s 140°/s	130°/s 140°/s	260°/s 260°/s 260°/s ¹⁾ 260°/s ¹⁾ 300°/s	-	-	-	529°/s	311°/s 311°/s 388°/s 388°/s	360°/s 360°/s 450°/s 450°/s
A6	135°/s 180°/s	135°/s 180°/s	430°/s 430°/s 430°/s ¹⁾ 430°/s ¹⁾ 400°/s	-	-	-	800°/s	492°/s 492°/s 615°/s 615°/s	433°/s 433°/s 540°/s 540°/s

Low Payloads

	-09	-10	-11	-12	-13	-14	-15	-16
Types	KR CYBERTECH nano	KR CYBERTECH nano ARC	KR CYBERTECH nano ARC E ¹⁾	KR CYBERTECH-2	KR CYBERTECH E	KR CYBERTECH-1	KR CYBERTECH-2 ARC	KR CYBERTECH-1 KS-F
Rated payload	10 kg 8 kg 6 kg	8 kg 8 kg 6 kg	6 kg 6 kg	22 kg 20 kg 16 kg 16 kg 12 kg 8 kg	20 kg	20 kg	8 kg	20 kg
Maximum payload	14.3 kg 12 kg 9 kg	14.5 kg 10.7 kg 12.6 kg	9 kg 6.56 kg	27.3 kg 23.9 kg 19.2 kg 20 kg 14.5 kg 9.8 kg	23.9 kg	23.9 kg	9.3 kg	23.9 kg
Rated supplementary load on arm Max. reach ¹⁾ / Z-stroke	-	-	-	-	-	-	-	-
	10 kg 1440 mm 1640 mm 1840 mm	10 kg 1441 mm 1641 mm 1843 mm	10 kg 1441 mm 2010 mm	10 kg 1612 mm 1813 mm 2013 mm 1612 mm 1813 mm 2013 mm	10 kg 1820 mm	10 kg 1813 mm	10 kg 2101 mm	10 kg 2010 mm
Number of axes	6	6	6	6	6	6	6	6
Positioning repeatability	±0.04 mm	±0.04 mm	±0.04 mm	±0.04 mm	±0.04 mm	±0.04 mm	±0.04 mm	±0.04 mm
Weight (robot) approx.	153 kg 158 kg 162 kg	167 kg 172 kg 175 kg	195 kg 204 kg	255 kg 255 kg 260 kg 255 kg 255 kg 260 kg	240 kg	250 kg	260 kg	242 kg
Mounting position	Floor, Ceiling, Wall, Angle	Floor, Ceiling	Floor, Ceiling	Floor, Ceiling, Wall, Angle	Floor, Ceiling, Wall, Angle	Floor, Ceiling, Wall, Angle	Floor, Ceiling, Wall, Angle	Floor
Version (optional)	HO	-	-	-	-	CR F HO	-	F
Comments	-	Arc welding	Arc welding	-	-	-	Arc welding	-
Axis Data	±170°	±170°	±170°	±185°	±185°	±185°	±185°	±125°
A2	+65°/-185°	+65°/-185°	+65°/-185°	+65°/-185°	+65°/-185°	+65°/-185°	+65°/-185°	+90°/-120°
A3	+163°/-137°	+181°/-119°	+178°/-122°	+175°/-138°	+175°/-138°	+175°/-138°	+175°/-138°	+175°/-138°
A4	±185°	±165°	±165°	±350°	±350°	±350°	±165°	±350°
A5	±120°	+140°/-115°	±140°	±130°	±120°	±130°	+140°/-115°	±130°
A6	±350°	±350°	±350°	±350°	±350°	±350°	±350°	±350°
A1	220°/s 220°/s 220°/s	220°/s 220°/s	230°/s 200°/s	200°/s	195°/s	200°/s	200°/s	200°/s
A2	210°/s 210°/s 210°/s	210°/s 210°/s	230°/s 165°/s	175°/s	175°/s	175°/s	175°/s	175°/s
A3	270°/s 270°/s 270°/s	270°/s 270°/s	230°/s 200°/s	190°/s	180°/s	190°/s	190°/s	190°/s
A4	381°/s 381°/s 381°/s	430°/s 430°/s 430°/s	430°/s 430°/s	430°/s	360°/s	430°/s	430°/s	430°/s
A5	311°/s 311°/s	430°/s 430°/s	430°/s 430°/s	430°/s	360°/s	430°/s	430°/s	430°/s
A6	472°/s 472°/s	628°/s 628°/s	630°/s 630°/s	630°/s	550°/s	630°/s	630°/s	630°/s

a) not valid for KR 3 D1200 HM b) only KR 13 R850 Z340 HO



Medium Payloads

	<u>-17</u> KR IONTEC	<u>-18</u> KR IONTEC
Types		
Rated payload	70 kg 50 kg 50 kg 30 kg -- -- --	20 kg -- -- -- -- -- --
Maximum payload	85 kg 61 kg 61 kg 36 kg -- -- --	23.6 kg -- -- -- -- -- --
Rated supplementary load on arm Max. reach ¹⁾ /Z-stroke	20 kg 2101 mm 2101 mm 2501 mm 2101 mm -- -- --	20 kg 3101 mm -- -- -- -- -- --
Number of axes	6	6
Positioning repeatability	±0.05 mm	±0.05 mm
Weight (robot) approx.	536 kg 533 kg 559 kg 533 kg -- -- --	549 kg -- -- -- -- -- --
Mounting position	Floor, Ceiling, Wall, Angle	Floor, Ceiling, Wall, Angle
Version (optional)	CR lite F HO	CR lite
Comments	-- -- --	-- -- --
Axis Data		
A1	±185°	±185°
A2	+60°/-175°	+60°/-175°
A3	+165°/-120°	+170°/-120°
A4	±180°	±350°
A5	±125°	±130°
A6	±350°	±350°
A7	--	--
Velocity		
A1	180°/s 180°/s 175°/s 180°/s -- -- --	180°/s -- -- -- -- -- --
A2	158°/s 175°/s 158°/s 165°/s -- -- --	165°/s -- -- -- -- -- --
A3	160°/s 175°/s 175°/s 180°/s -- -- --	160°/s -- -- -- -- -- --
A4	230°/s 250°/s 250°/s 250°/s -- -- --	360°/s -- -- -- -- -- --
A5	230°/s 250°/s 250°/s 250°/s -- -- --	360°/s -- -- -- -- -- --
A6	320°/s 360°/s 360°/s 360°/s -- -- --	630°/s -- -- -- -- -- --

High Payloads

	<u>-19</u> KR QUANTEC	<u>-20</u> KR QUANTEC-K	<u>-21</u> KR QUANTEC nano
Types			
Rated payload	300 kg 150 kg 240 kg 210 kg 180 kg -- --	210 kg 150 kg 150 kg 120 kg 120 kg -- --	270 kg 210 kg 180 kg 120 kg -- -- --
Maximum payload	370 kg 315 kg 319 kg 281 kg 253 kg -- --	275 kg 220 kg 218 kg 210 kg 167 kg -- --	344 kg 273 kg 228 kg 146 kg -- -- --
Rated supplementary load on arm Max. reach ¹⁾ /Z-stroke	50 kg 2701 mm 2701 mm 2900 mm 3100 mm 2900 mm -- --	50 kg 2701 mm 3100 mm 2701 mm 3100 mm 2701 mm -- --	50 kg 3105 mm 3305 mm 3505 mm 3904 mm -- -- --
Number of axes	6	6	6
Positioning repeatability	±0.05 mm	±0.05 mm	±0.05 mm
Weight (robot) approx.	1101 kg 1101 kg 1120 kg 1134 kg 1105 kg -- --	1077 kg 1105 kg 1072 kg 1105 kg 1069 kg -- --	1260 kg 1266 kg 1256 kg 1280 kg -- -- --
Mounting position	Floor, Ceiling ¹⁾	Floor	Floor
Version (optional)	F HO	F HO	F
Comments	-- -- --	-- -- --	-- -- --
Axis Data			
A1	±185°	±185°	±185°
A2	-5°/-140°	-5°/-140°	+70°/-120°
A3	+168°/-120°	+168°/-120°	+168°/-120°
A4	±350°	±350°	±350°
A5	±122.5°	±125°	±122.5°/±125°
A6	±350°	±350°	±350°
A7	--	--	--
Velocity			
A1	105°/s 105°/s 103°/s 105°/s 105°/s -- --	120°/s 105°/s 120°/s 120°/s 120°/s -- --	123°/s 123°/s -- 105°/s 105°/s -- --
A2	101°/s 107°/s 94°/s 94°/s 107°/s -- --	115°/s 107°/s 115°/s 115°/s 115°/s -- --	114°/s 114°/s -- 101°/s 101°/s -- --
A3	107°/s 107°/s 100°/s 100°/s 114°/s -- --	112°/s 114°/s 120°/s 120°/s 120°/s -- --	86°/s 86°/s -- 110°/s 110°/s -- --
A4	140°/s 170°/s 170°/s 136°/s 179°/s -- --	179°/s 190°/s 190°/s 190°/s 190°/s -- --	179°/s 292°/s -- 190°/s 190°/s -- --
A5	113°/s 129°/s 129°/s 129°/s 172°/s -- --	172°/s 180°/s 180°/s 180°/s 180°/s -- --	172°/s 258°/s -- 190°/s 190°/s -- --
A6	180°/s 206°/s 206°/s 206°/s 219°/s -- --	220°/s 260°/s 260°/s 260°/s 260°/s -- --	220°/s 284°/s -- 260°/s 260°/s -- --

Heavy Payloads

	<u>-22</u> KR FORTEC	<u>-23</u> KR FORTEC ultra	<u>-24</u> KR 1000 titan
Types			
Rated payload	500 kg 420 kg 360 kg 340 kg 280 kg 240 kg 240 kg	800 kg 640 kg 560 kg 480 kg 480 kg -- --	1000 kg 750 kg -- -- -- -- --
Maximum payload	611 kg 527 kg 474 kg 418 kg 358 kg 292 kg 300 kg	972 kg 835 kg 681 kg 568 kg 591 kg -- --	1000 kg 750 kg -- -- -- -- --
Rated supplementary load on arm Max. reach ¹⁾ /Z-stroke	50 kg 2800 mm 3100 mm 2800 mm 3400 mm 3100 mm 3750 mm 3400 mm	50 kg 2800 mm 2800 mm 3100 mm 3400 mm 3400 mm -- --	50 kg 3202 mm 3601 mm -- -- -- -- --
Number of axes	6	6	6
Positioning repeatability	±0.08 mm	±0.08 mm	±0.10 mm
Weight (robot) approx.	1671 kg 1704 kg 1660 kg 1728 kg 1687 kg 1620 kg 1597 kg	2400 kg 2170 kg 2170 kg 2140 kg 2460 kg -- --	4690 kg 4740 kg -- -- -- -- --
Mounting position	Floor	Floor	Floor
Version (optional)	HI F	HI	F
Comments	-- -- --	-- -- --	-- -- --
Axis Data			
A1	±185°	±185°	±150°
A2	+5°/-130°	+20°/-130°	+17.5°/-130°
A3	+162°/-110°	+165°/-100°	+145°/-110°
A4	±350°	±350°	±350°
A5	±120°	±120°	±118°
A6	±350°	±350°	±350°
A7	--	--	--
Velocity			
A1	100°/s 100°/s 103°/s 100°/s 103°/s 100°/s 103°/s	80°/s 90°/s 90°/s 80°/s 90°/s -- --	58°/s 58°/s -- -- -- -- --
A2	80°/s 80°/s 94°/s 80°/s 97°/s 80°/s 97°/s	60°/s 80°/s 80°/s 60°/s 80°/s -- --	50°/s 50°/s -- -- -- -- --
A3	90°/s 90°/s 100°/s 90°/s 104°/s 90°/s 104°/s	60°/s 75°/s 75°/s 60°/s 75°/s -- --	50°/s 50°/s -- -- -- -- --
A4	90°/s 90°/s 117°/s 90°/s 90°/s 90°/s 120°/s	90°/s 90°/s 90°/s 90°/s 90°/s -- --	60°/s 60°/s -- -- -- -- --
A5	100°/s 100°/s 110°/s 100°/s 100°/s 100°/s 125°/s	80°/s 90°/s 90°/s 90°/s 90°/s -- --	60°/s 60°/s -- -- -- -- --
A6	163°/s 160°/s 163°/s 163°/s 163°/s 163°/s 210°/s	130°/s 130°/s 130°/s 140°/s -- -- --	72°/s 72°/s -- -- -- -- --

Range

Velocity

Range

Velocity



Palletizing Robots

	<u>25</u>	<u>26</u>	<u>27</u>	<u>28</u>	<u>29</u>	<u>30</u>		
Types	KR 40 PA	KR QUANTEC-1 PA ¹⁾	KR QUANTEC-2 PA	KR 300-2 PA	KR 470-2 PA	KR 700 PA	KR 1000 L950 titan PA	KR 1000 1300 titan PA
Rated payload	40 kg	240 kg 180 kg 120 kg	240 kg 180 kg 140 kg	300 kg	470 kg	700 kg	950 kg	1300 kg
Maximum payload	60 kg	-	292 kg 230 kg 180 kg	-	-	-	950 kg	1300 kg
Rated supplementary load on arm Max. reach ¹⁾ / Z-stroke	20 kg 2091 mm	50 kg 3195 mm 3195 mm 3195 mm	50 kg 3195 mm 3195 mm 3195 mm	50 kg 3150 mm	50 kg 3150 mm	50 kg 3320 mm	100 kg 3601 mm	100 kg 3202 mm
Number of axes	4	5	5	5	5	4	4	4
Positioning repeatability	±0.05 mm	±0.06 mm	±0.07 mm	±0.08 mm	±0.08 mm	±0.08 mm	±0.10 mm	±0.10 mm
Weight (robot) approx.	695 kg	1103 kg 1093 kg 1075 kg	1017 kg 1017 kg 1017 kg	2150 kg	2150 kg	2850 kg	4740 kg	4690 kg
Mounting position	Floor	Floor	Floor	Floor	Floor	Floor	Floor	Floor
Version (optional)	-	A	HO	-	-	-	F	F
Comments	-	-	-	-	-	-	-	-
Axis Data	±155°	±185°	±185°	±185°	±185°	±185°	±150°	±150°
A2	-15°/-120°	-5°/-140°	-5°/-140°	+20°/-130°	+20°/-130°	+10°/-120°	+17.5°/-130°	+17.5°/-130°
A3	+145°/+15°	+155°/0°	+165°/0°	+155°/0°	+155°/0°	+150°/-10°	+145°/+62°	+145°/+62°
A4	-	-	-	-	-	-	-	-
A5	-	-	+150°/-55°	-	-	-	±118°	±118°
A6	±350°	±350°	±350°	±350°	±350°	±350°	±350°	±350°
A7	-	-	-	-	-	-	-	-
A1	183°/s	105°/s 105°/s 124°/s	137°/s 137°/s 137°/s	98°/s	84°/s	76°/s	58°/s	58°/s
A2	153°/s	101°/s 107°/s 115°/s	111°/s 111°/s 111°/s	91°/s	78°/s	76°/s	50°/s	50°/s
A3	212°/s	107°/s 114°/s 112°/s	119°/s 119°/s 119°/s	89°/s	73°/s	67°/s	50°/s	50°/s
A4	-	-	-	-	-	-	-	-
A5	-	173°/s 173°/s 217°/s	225°/s 225°/s 225°/s	-	-	-	60°/s	60°/s
A6	374°/s	242°/s 242°/s 242°/s	321°/s 321°/s 321°/s	177°/s	177°/s	168°/s	72°/s	72°/s

Press Linking

<u>31</u>
KR QUANTEC-2 P
120 kg
120 kg
50 kg
3505 mm
6
±0.05 mm
1281 kg
Floor, Ceiling ²⁾
-
-
±185°
+70°/-120°
+168°/-120°
±350°
±122.5°
±350°
112°/s
107°/s
114°/s
150°/s
129°/s
219°/s

Linear Units

<u>32</u>	<u>33</u>	<u>34</u>	<u>35</u>
KL 100	KL 250-3	KL 4000	KL 5000
100 kg	300 kg	4000 kg	5000 kg
100 kg	300 kg	4000 kg	5000 kg
50 kg	-	-	-
3505 mm	-	-	-
1	1	1	1
±0.02 mm	±0.02 mm	±0.02 mm	±0.02 mm
travel-dependent	travel-dependent	travel-dependent	travel-dependent
Floor, Ceiling, Wall	Floor, Ceiling	Floor, Ceiling	Floor
-	CV	S	-
Axis 7: 0.25-30 m	Axis 7: 1.1-30.1 m	Axis 7: 0.4-30.4 m	Axis 7: 0.3-30.3 m
±185°	-	-	-
+70°/-120°	-	-	-
+168°/-120°	-	-	-
±350°	-	-	-
±122.5°	-	-	-
±350°	-	-	-
112°/s	2.48 m/s	1.47 m/s	1.89 m/s
107°/s	-	-	Traversing velocity 1.89 m/s
114°/s	-	-	-
150°/s	-	-	-
129°/s	-	-	-
219°/s	-	-	-

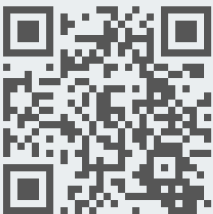
Range

Velocity

Range

Velocity

Types
Rated payload
Maximum payload
Rated supplementary load on arm Max. reach ¹⁾ / Z-stroke
Number of axes
Positioning repeatability
Weight (robot) approx.
Mounting position
Version (optional)
Comments
Axis Data
A1
A2
A3
A4
A5
A6
A7
A1
A2
A3
A4
A5
A6



-  [kuka.com/contacts](https://www.kuka.com/contacts)
-  facebook.com/kukaglobal
-  youtube.com/kukarobotgroup
-  twitter.com/kukaglobal
-  linkedin.com/company/kukaglobal

Details provided about the properties and usability of the products are purely for information purposes and do not constitute a guarantee of these characteristics. The extent of goods delivered is determined by the subject matter of the specific contract. No liability accepted for errors or omissions. Subject to technical alterations. © 2023 KUKA