

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
- WP** 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



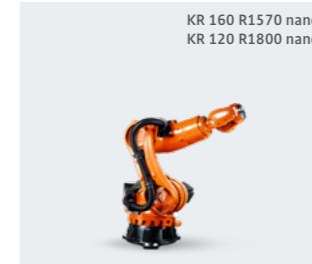
KR 300 R2700-2
KR 250 R2700-2
KR 240 R2900-2
KR 210 R3100-2
KR 180 R2900-2
KR 210 R2700-2
KR 150 R3100-2
KR 150 R2700-2
KR 120 R3100-2
KR 120 R2700-2

_21



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

_22



KR 160 R1570 nano
KR 120 R1800 nano

_23



KR 360 R2830
KR 280 R3080
KR 240 R3330
KR 500 R2830
KR 420 R3080
KR 340 R3330

_05



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

_06



KR 4 R600

_07



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

_08



KR 10 R1100-2
KR 10 R900-2
KR 6 R900-2
KR 6 R700-2

_25



KR 500 R2830 MT
KR 480 R3330 MT

_24



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

_26



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

_27



KR 1000 titan
KR 1000 L750 titan

_09




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

_10




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

_11



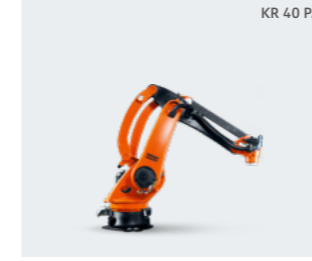
KR 6 R1440-2 arc HW E
KR 6 R2010-2 arc HW E

_12




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

_28



KR 40 PA

_29



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

_30



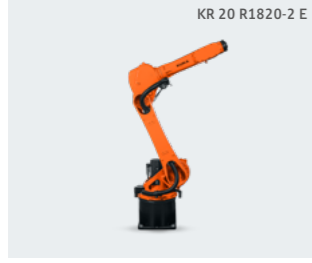
KR 240 R3200-2 PA
KR 180 R3200-2 PA
KR 140 R3200-2 PA

_31



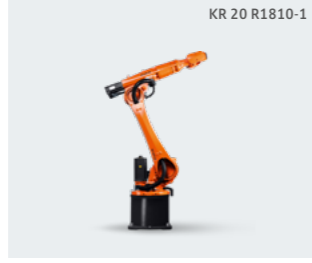
KR 300-2 PA
KR 470-2 PA

_13



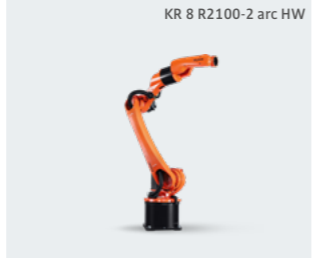
KR 20 R1820-2 E

_14



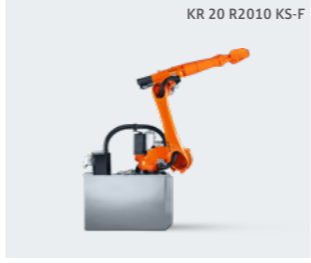
KR 20 R1810-1

_15




KR 8 R2100-2 arc HW

_16




KR 20 R2010 KS-F

_32




KR 700 PA

_33




KR 1000 L950 titan PA
KR 1000 1300 titan PA

_34




KR 120 R3500-2 P

_35



KL 100

_17




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

_18




KR 20 R3100

_19



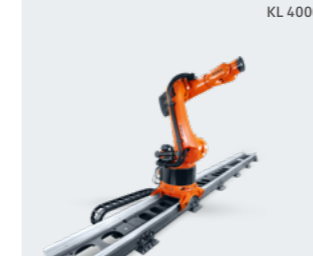
KR 70 R2100 F
KR 50 R2500 F

_36




KL 250-3

_37



KL 4000

_38



KL 5000



Small Robots

	-01	-02	-03	-04	-05	-06	-07	-08
Types	LBR iiwa	LBR Med ⁴⁾	LBR iisy	KR DELTA	KR SCARA	KR 4 AGILUS	KR AGILUS-1 ³⁾	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	6 kg 6 kg 6 kg 3 kg 3 kg	4 kg	5 kg 5 kg 3 kg 3 kg	10 kg 10 kg 6 kg 6 kg
Maximum payload	-	-	16,41 kg 11,72 kg 8 kg ²⁾ 6 kg ²⁾ 3,34 kg	6 kg 6 kg 6 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	- 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	6	6	6
Positioning repeatability	±0,15/0,1 mm	±0,15/0,1 mm	±0,1 mm	±0,02/0,1/0,05 mm	±0,02 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	51 kg 50 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, Ceiling, Wall, Angle	Floor, Ceiling, Wall, Angle	Floor, Ceiling, Wall, Angle
Version (optional)	CR	-	-	HM	CR	-	CR EX HM WP	HO
Comments	-	-	-	-	-	-	-	-
Axis Data	±170°	±170°	±185°	+42°/-109° ^{a)}	±132°	±170°	±170°	±170°
A2	+120°	+120°	+50°/-230°	+42°/-109° ^{a)}	±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°	±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 ²⁾ 200°/s ²⁾ 200°/s	610°/s 168°/s 600°/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 ²⁾ 200°/s ²⁾ 200°/s	610°/s 168°/s 600°/s	660°/s 660°/s 665°/s 720°/s 720°/s	336°/s	225°/s 210°/s 300°/s 300°/s	225°/s 210°/s 300°/s 300°/s
A3	100°/s 100°/s	100°/s 100°/s	200°/s 200°/s ²⁾ 200°/s ²⁾ 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 ²⁾ 230°/s ²⁾ 300°/s	840°/s 162°/s 840°/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 ²⁾ 260°/s ²⁾ 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 ²⁾ 430°/s ²⁾ 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 ⁰⁾	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 430°/s 220°/s	220°/s 300°/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	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	360°/s	430°/s	430°/s	430°/s
A5	311°/s 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



Medium Payloads

High Payloads

Heavy Payloads

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	
A1	Range
A2	
A3	
A4	
A5	
A6	
A7	
A1	Velocity
A2	
A3	
A4	
A5	
A6	

	_17		_18		_19	
	KR IONTEC	KR IONTEC	KR IONTEC	KR IONTEC	KR IONTEC-F	KR IONTEC-F
Rated payload	70 kg	50 kg	20 kg	70 kg	50 kg	50 kg
Maximum payload	85 kg	61 kg	23,6 kg	85 kg	61 kg	61 kg
Rated supplementary load on arm Max. reach ¹⁾ / Z-stroke	20 kg	20 kg	20 kg	20 kg	20 kg	20 kg
Number of axes	6	6	6	6	6	6
Positioning repeatability	±0,05 mm	±0,05 mm	±0,05 mm	±0,05 mm	±0,05 mm	±0,05 mm
Weight (robot) approx.	536 kg	559 kg	549 kg	536 kg	559 kg	559 kg
Mounting position	Floor, Ceiling, Wall, Angle	Floor, Ceiling, Wall, Angle	Floor, Ceiling, Wall, Angle	Floor, Ceiling, Wall, Angle	Floor, Ceiling, Wall, Angle	Floor, Ceiling, Wall, Angle
Version (optional)	CR lite HO	CR lite HO	CR lite	CR lite F	CR lite F	CR lite F
Comments						
A1	±185°	±185°	±185°	±185°	±185°	±185°
A2	+60°/-175°	+60°/-175°	+60°/-175°	+60°/-175°	+60°/-175°	+60°/-175°
A3	+165°/-120°	+170°/-120°	+170°/-120°	+165°/-120°	+170°/-120°	+170°/-120°
A4	±180°	±180°	±350°	±180°	±180°	±180°
A5	±125°	±125°	±130°	±125°	±125°	±125°
A6	±350°	±350°	±350°	±350°	±350°	±350°
A7	-	-	-	-	-	-
A1	180°/s	175°/s	180°/s	180°/s	175°/s	175°/s
A2	158°/s	158°/s	165°/s	158°/s	158°/s	158°/s
A3	160°/s	175°/s	160°/s	160°/s	175°/s	175°/s
A4	230°/s	250°/s	360°/s	230°/s	250°/s	250°/s
A5	230°/s	250°/s	360°/s	230°/s	250°/s	250°/s
A6	320°/s	360°/s	630°/s	320°/s	360°/s	360°/s

	_20		_21		_22	
	KR QUANTEC	KR QUANTEC-K	KR QUANTEC	KR QUANTEC nano	KR QUANTEC	KR QUANTEC nano
Rated payload	300 kg	210 kg	270 kg	160 kg	300 kg	120 kg
Maximum payload	370 kg	275 kg	344 kg	224 kg	315 kg	197 kg
Rated supplementary load on arm Max. reach ¹⁾ / Z-stroke	50 kg	50 kg	50 kg	50 kg	50 kg	50 kg
Number of axes	6	6	6	6	6	6
Positioning repeatability	±0,05 mm	±0,05 mm	±0,05 mm	±0,06 mm	±0,05 mm	±0,06 mm
Weight (robot) approx.	1101 kg	1077 kg	1260 kg	677 kg	1101 kg	684 kg
Mounting position	Floor, Ceiling ¹⁾	Floor	Floor	Floor, Ceiling ¹⁾	Floor, Ceiling ¹⁾	Floor, Ceiling ¹⁾
Version (optional)	F HO	F HO	F	-	F HO	-
Comments						
A1	±185°	±185°	±185°	±180°	±185°	±180°
A2	-5°/-140°	-5°/-140°	+70°/-120°	+45°/-145°	-5°/-140°	+45°/-145°
A3	+168°/-120°	+168°/-120°	+168°/-120°	+150°/-130°	+168°/-120°	+150°/-130°
A4	±350°	±350°	±350°	±350°	±350°	±350°
A5	±122,5°	±125°	±122,5°/±125°	±125°	±122,5°	±125°
A6	±350°	±350°	±350°	±350°	±350°	±350°
A7	-	-	-	-	-	-
A1	105°/s	120°/s	105°/s	123°/s	105°/s	123°/s
A2	101°/s	115°/s	101°/s	114°/s	101°/s	114°/s
A3	107°/s	112°/s	110°/s	86°/s	107°/s	86°/s
A4	140°/s	179°/s	140°/s	179°/s	140°/s	179°/s
A5	113°/s	172°/s	113°/s	172°/s	113°/s	172°/s
A6	180°/s	220°/s	180°/s	220°/s	180°/s	220°/s

	_23		_24		_25		_26		_27	
	KR 360 FORTEC	KR 500 FORTEC	KR 500 FORTEC MT	KR FORTEC	KR FORTEC ultra	KR FORTEC	KR FORTEC ultra	KR 1000 titan	KR FORTEC	KR 1000 titan
Rated payload	360 kg	500 kg	500 kg	500 kg	800 kg	1000 kg	800 kg	1000 kg	360 kg	750 kg
Maximum payload	472 kg	611 kg	611 kg	611 kg	972 kg	1000 kg	972 kg	1000 kg	472 kg	750 kg
Rated supplementary load on arm Max. reach ¹⁾ / Z-stroke	50 kg	50 kg	50 kg	50 kg	50 kg	50 kg	50 kg	50 kg	50 kg	50 kg
Number of axes	6	6	6	6	6	6	6	6	6	6
Positioning repeatability	±0,08 mm	±0,08 mm	±0,08 mm	±0,08 mm	±0,08 mm	±0,10 mm	±0,08 mm	±0,10 mm	±0,08 mm	±0,10 mm
Weight (robot) approx.	2385 kg	2385 kg	2440 kg	1671 kg	2400 kg	4690 kg	2400 kg	4690 kg	2385 kg	4740 kg
Mounting position	Floor, Ceiling ¹⁾	Floor, Ceiling ¹⁾	Floor	Floor	Floor	Floor	Floor	Floor	Floor, Ceiling ¹⁾	Floor
Version (optional)	F	F	F	HI F	HI	F	HI	F	F	F
Comments										
A1	±185°	±185°	±185°	±185°	±185°	±150°	±185°	±150°	±185°	±150°
A2	+20°/-130°	+20°/-130°	+20°/-130°	+5°/-130°	+20°/-130°	+17,5°/-130°	+20°/-130°	+17,5°/-130°	+20°/-130°	+17,5°/-130°
A3	+144°/-100°	+144°/-100°	+144°/-100°	+162°/-110°	+165°/-110°	+145°/-110°	+144°/-100°	+145°/-110°	+144°/-100°	+145°/-110°
A4	±350°	±350°	±350°	±350°	±350°	±350°	±350°	±350°	±350°	±350°
A5	±120°	±120°	±120°	±120°	±120°	±118°	±120°	±118°	±120°	±118°
A6	±350°	±350°	±350°	±350°	±350°	±350°	±350°	±350°	±350°	±350°
A7	-	-	-	-	-	-	-	-	-	-
A1	100°/s	90°/s	45°/s	100°/s	80°/s	58°/s	100°/s	58°/s	100°/s	58°/s
A2	90°/s	80°/s	45°/s	80°/s	60°/s	50°/s	90°/s	50°/s	90°/s	50°/s
A3	90°/s	75°/s	45°/s	90°/s	60°/s	50°/s	90°/s	50°/s	90°/s	50°/s
A4	120°/s	190°/s	140°/s	120°/s	120°/s	179°/s	120°/s	179°/s	120°/s	179°/s
A5	110°/s	83°/s	83°/s	100°/s	80°/s	60°/s	110°/s	60°/s	110°/s	60°/s
A6	160°/s	130°/s	130°/s	163°/s	130°/s	72°/s	160°/s	72°/s	160°/s	72°/s

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	
A1	Range
A2	
A3	
A4	
A5	
A6	
A7	
A1	Velocity
A2	
A3	
A4	
A5	
A6	

a) not valid for KR 3 D1200 HM



Palletizing Robots

	_28	_29	_30	_31	_32	_33	_33
	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
Rated payload	40 kg	240 kg 180 kg 120 kg	240 kg 180 kg 140 kg	300 kg	470 kg	700 kg	950 kg
Maximum payload	60 kg	-	292 kg 230 kg 180 kg	-	-	-	950 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
Number of axes	4	5	5	5	5	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
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
Mounting position	Floor	Floor	Floor	Floor	Floor	Floor	Floor
Version (optional)	-	A	HO	-	-	-	F
Comments	-	-	-	-	-	-	-
Axis Data	±155°	±185°	±185°	±185°	±185°	±185°	±150°
A2	-15°/-120°	-5°/-140°	-5°/-140°	+20°/-130°	+20°/-130°	+10°/-120°	+17,5°/-130°
A3	+145°/+15°	+155°/0°	+165°/0°	+155°/0°	+155°/0°	+150°/-10°	+145°/+62°
A4	-	-	-	-	-	-	-
A5	-	-	+150°/-55°	-	-	-	-
A6	±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
A2	153°/s	101°/s 107°/s 115°/s	111°/s 111°/s 111°/s	91°/s	78°/s	76°/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
A4	-	-	-	-	-	-	-
A5	-	173°/s 173°/s 217°/s	225°/s 225°/s 225°/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

a) not valid for KR 3 D1200 HM

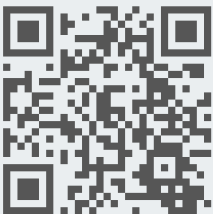
Press Linking

	_34
	KR QUANTEC-2 P
Rated payload	120 kg
Maximum payload	120 kg
Rated supplementary load on arm Max. reach ¹⁾ / Z-stroke	50 kg 3505 mm
Number of axes	6
Positioning repeatability	±0,05 mm
Weight (robot) approx.	1281 kg
Mounting position	Floor, Ceiling ¹⁾
Version (optional)	-
Comments	-
Axis Data	±185°
A2	+70°/-120°
A3	+168°/-120°
A4	-
A5	±350°
A6	±122,5°
A7	±350°
A1	112°/s
A2	107°/s
A3	114°/s
A4	150°/s
A5	129°/s
A6	219°/s

Linear Units

	_35	_35	_37	_38
	KL 100	KL 250-3	KL 4000	KL 5000
Rated payload	100 kg	300 kg	4000 kg	5000 kg
Maximum payload	-	-	-	-
Rated supplementary load on arm Max. reach ¹⁾ / Z-stroke	-	-	-	-
Number of axes	1	1	1	1
Positioning repeatability	±0,02 mm	±0,02 mm	±0,02 mm	±0,02 mm
Weight (robot) approx.	travel-dependent	travel-dependent	travel-dependent	travel-dependent
Mounting position	Floor, Ceiling, Wall	Floor, Ceiling	Floor, Ceiling	Floor
Version (optional)	-	CV	S	-
Comments	-	-	-	-
Axis Data	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
A1	-	-	-	-
A2	-	-	-	-
A3	-	-	-	-
A4	-	-	-	-
A5	-	-	-	-
A6	-	-	-	-
A1	2,48 m/s	1,47 m/s	1,89 m/s	1,89 m/s
A2	-	-	-	-
A3	-	-	-	-
A4	-	-	-	-
A5	-	-	-	-
A6	-	-	-	-

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



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