



Data sheet Kassow Robots

20190827-nh-datasheetKR-ext-V5

	KR 1205	KR 1805	KR 810	KR 1410	KR 8**
Robot type	KR				
Number of axis	7				
Pay load (KG)	5	5	10	10	**
Reach (mm)	1200	1800	850	1400	850
Footprint (mm)	130x130	160x160	130x130	160x160	**
Weight (KG)	25	38	23.5	35	**
Joint range (degr)	+/- 360	+/- 360	+/- 360	+/- 360	+/- 360
Joint speed (degr/s)	225	225	225	225	225
Tool speed (m/s)	1.8	2.4	1.2	2	2
Precision repeatability (mm)	+/- 0,1	+/- 0,1	+/- 0,1	+/- 0,1	+/- 0,1
I/O source in tool	24V, 2A				
Tool flange	Standard ISO				
Power Input	100/120 VAC - 200/240VAC, 50-60Hz				
Collaboration operation	Advanced adjustable safety functions, 150 N safe force limit on tool, impact detection, tested according EN ISO				
Working temperature (degr C)	0 - 50				
IP class	IP54				
Main material	Aluminium				

Programming

Through Android touch pad and graphical user interface.
Through external device such as PC or PLC.
Easy Programming.
Teach/ Record position.
Preprogrammed positions.
C/C++ Tool program options
CBuns tool insertion

Teach pendant

Size (mm) H * W * D 193 * 331 * 77
IP class IP54
Weight (KG) 1.5
Screen size 10,1"
Resolution px 600 * 800
Emergency stop 2
Cable length (m) 5

Control box

IP class IP54
ISO Clean room classification 6
Noise level dB(A) <65
I/O ports
Digital input 3-30V 16
Digital output 24V 8
Relay output 4
Analog I/O 0-10V 2/2
Analog I/O 4-20mA 2/2
I/O power supply 24V, 2A
Power source 100-240VAC, 50-60Hz
Size (mm) 530 x 421 x 227 incl. feet
Material Steel/Plastic
Weight (KG) 17
Cable length (m) 5











