



Next Generation of Cobots **Higher • Stronger**
KR1240 & KR1824

Reach up to
1800 mm

Payload up to
40 kg

Next Generation **Technical specifications**

General specifications	KR1240	KR1824
Reach (mm)	1200	1800
Payload (kg)	40	24
Weight (kg)	75,6	76,3
Joint speed (deg/s)	J1,J2 : 110 ; J3,J4: 162 ; J5, J6, J7: 270	
Joint ranges (deg)	J2,J4 : -70/+180° ; J1, J3, J5, J6, J7: ±360°	
Redundant absolute encoders on joints	Yes	
Repeatability (mm)	+/- 0.03	+/- 0.04
Degrees of freedom	7	
Footprint (mm)	192 × 192	
Operating temperature (°C)	0-45	
Body material	Aluminium	
Protection rating	IP54	
Sound level (dB)	<65	

Controller

Digital inputs dedicated E-stop & P-stop (Safety uses 2x I/Os for redundancy)	4
External 24V supply (A)	4
Digital inputs (Safety supported in pairs)	16
Configurable Digital inputs or outputs (Safety supported in pairs)	16
Analog Inputs, current/voltage	2
Analog outputs, current/voltage	2
Remote ON/OFF control	Yes

Power

Supply voltage (VAC)	100-120 or 200-240
Supply current (A)	16
Supply frequency (Hz)	50/60



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kassow robots
strong - fast - simple

Joining forces with

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A Bosch Company