



KP1-V500



Options

A wide range of options are available to you, such as energy supply systems and weld current return. Talk to us! We are happy to advise you.

Further information

Detailed technical documentation is available on KUKA Xpert:

<https://xpert.kuka.com/ID/AR7460>

You can find further exclusive content when logged in to my.KUKA

Technical data

Rated payload	500 kg
Weight	approx. 380 kg
Number of axes	1
Mounting position	Floor
Loading height	max. 705 mm
Tool radius	-
Pose repeatability A1	0.009 °

Axis data

Motion range	
A1	Infinite
Motion range with energy supply system	
A1	±185 °
Turning time 180°	
A1	2.1 s
Turning time 360°	
A1	3.2 s

Payloads

Rated payload	500 kg
Maximum load torque	
A1	3100 Nm
Mass moment of inertia	
A1	829 kgm ²
Nominal distance to load center of gravity	
Lx	720 mm
Lyz	-

Operating conditions

Ambient temperature during operation	5 °C to 40 °C (278 K to 313 K)
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Protection rating

Protection rating (IEC 60529)	IP67
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Controller

Controller	KR C5; KR C4
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