



# **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 kgm²
Nominal distance to load center of gravity	
Lx	720 mm
Lyz	-

# Operating conditions

Ambient temperature during oper- 5 °C to 40 °C (278 K to 313 K) ation

## **Protection rating**

Protection rating (IEC 60529) IP67

#### Controller

Controller	KR C5;
	KR C4

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 and services performed is determined by the subject matter of the specific contract. No liability accepted for errors or omissions.

0000-252-391 / V2.1 / 27.04.2023 / en