

KUKA

KUKA Automotive Solutions

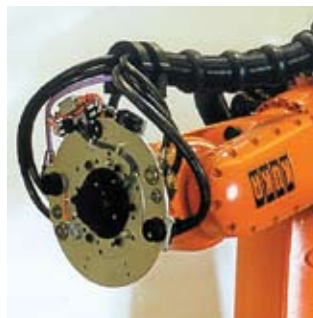
KS TOOL CHANGER 500



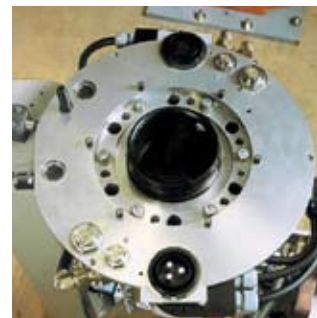
■ KS TOOL CHANGER 500

The KS Tool Changer is designed for the automated changing of tools and workpiece carriers on the robot and is rated for a payload of up to 210 dN / 500 dN.

The KS Tool Changer allows the transmission of cooling water, compressed air, welding current and signals via various bus systems or parallel inputs and outputs (I/Os).



ROBOT SIDE KWE



TOOL SIDE KWS

DEVICE	KWE 500 (ROBOT SIDE)	KWS 500 (TOOL SIDE)
■ Connection flange	ISO 9409-1-160-6-M12	ISO 9409-1-160-6-M12
■ Nominal load	500 dN	500 dN
■ Operating temperature	Min. 10° C / max. 60° C	Min. 10° C / max. 60° C
■ IP-code KWE and KWS coupled KWE and KWS uncoupled	IP 64 IP 64 / Longitudinally waterproof along the contacts	IP 64 IP 64 / Longitudinally waterproof along the contacts

MAIN DIMENSIONS / WEIGHT	KWE 500 (ROBOT SIDE)	KWS 500 (TOOL SIDE)
■ Diameter (without hose- and cable connections)	ø 404 mm	ø 404 mm
■ Overall height (KWE / KWS coupled)	80 mm	80 mm
■ Weight spot welding version (2x compressed air; 2x cooling water; 1x control current; 1x weld current)	13.6 dN	11.3 dN
■ Weight handling version (1x compressed air; 1x control current)	12.5 dN	9.8 dN

MEDIA TRANSFER see KS Tool Changer 210

Specifications regarding the quality and usability of the products do not constitute a warranty of properties. They are intended to serve informative purposes only. Solely the respective contract of sale shall be binding in respect of the extent of our supplies and services.

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