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Data Sheet
Mixing / Kneaders



HKD-T 06 D IKA High-performance laboratory kneader

For processing non-flowable, highly viscous media. Uniform mixing is based on intensive processing by means of wide-bladed kneading elements. The kneading medium is moved within the trough both horizontally and vertically. Additional media quantities may be added during the kneading operation.
- The double-walled kneading chamber allows cooling or heating of the product
- The product temperature may be measured directly behind the kneading blades
- Trough can easily be removed
- Kneading blades can easily be removed
- Short kneading time
- The narrow gap between the kneading blades and trough wall ensures efficient wipe-off
- Standard version equipped for vacuum operation
- Trough cover with inspection glass and safety screen
- Optional with torque measuring

Accessories: HKD 06.2 Plunger, VC 2 IKAVAC® Vacuum controller, HKD 06.10 Kneading blade, DTM 12 IKATRON® Digital temperature measuring instrument, CC3-308B vpc

Technical Data	
Blade shape	duplex
Usable volume min. [ml]	100
Usable volume max. [ml]	300
Attainable vacuum [mbar]	50
Trough for heating up to max. [°C]	210
Temperature sensor power input	yes
Material in contact with medium	stainless steel 1.4581
Motor rating input [W]	320
Motor rating output [W]	180
Motor protection	thermostat relay
Nominal torque [Nm]	48
Speed max. (front kneading blade) [1/min]	35
Speed max. (back kneading blade) [1/min]	17.5
Safety cutout	yes
Dimensions (W x H x D) [mm]	660 x 380 x 250
Weight [kg]	27
Permissible ambient temperature [°C]	5 - 40
Permissible relative moisture [%]	80
Protection class according to DIN EN 60529	IP 54
Analog output	yes
Voltage [V]	220 - 240
Frequency [Hz]	50/60
Power input [W]	320
Ident. No.	**1911800**

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Subject to technical changes

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