



IMMERSION FLANGED HEATING ELEMENT THTTKV

with ceramic heating insert

DESCRIPTION:

- case material: stainless steel AISI304, 316, 316L
- flange material: stainless steel AISI304, 316, 316L
 - cooling neck material: AISI304 (1.4301)
 - heating element: ceramic heating insert
- elektric wiring box, stainless steel, protection IP66
 - robust design
- polished surface of the wetted part of the housing: Ra 0,6

APPLICATION:

- food industry
- pharmaceutical industry
- mechanical engineering
 - energy
- hydraulic industry

TECHNICAL PARAMETERS:

- power: 500W - 12 000W
- power supply 1x230V, 1x400V, 3x230V, 3x400V
 - process connection: flange DN65-DN250
 - protection: IP66

SPECIFICATION:

Immersion flanged heating element with ceramic heating insert THTTKV are designed for direct heating of liquids. They are intended for more demanding applications that require a robust design with a separate electrical terminal block. Designed for applications requiring higher pressure loads, suitable for clean operations such as the pharmaceutical or food industry with a requirement for aseptic connection and a polished surface that will come into contact with the heated medium. The heater consists of 3 basic parts - an immersion tube with a ceramic insert, a process connection according to the customer's requirements in the range of DN65-250. A stainless steel distribution box, which is separated from the heating part by a cooling neck so that the electrical wiring is not burdened by increased temperature. THTTKV can be supplied in a version without regulation or with regulation.

THTPKV

TECHNICAL PARAMETERS:

Type	Power	Power supply (V)	Total length Lc (mm)	Heating part Lt (mm)	Non-heating part Ln (mm)	Load (W/cm ²)
THTPKV005	500W	230	250	200	15	1,26
THTPKV008	800W	230	250	200	15	2,02
THTPKV010	1000W	230	350	300	15	1,69
THTPKV015	1500W	230	350	300	15	2,53
THTPKV016	1600W	230	350	300	15	2,70
THTPKV018	1800W	230	350	300	15	3,03
THTPKV020	2000W	230	350	300	15	3,37
THTPKV022	2200W	230	350	300	15	3,71
THTPKV024	2400W	230	350	300	15	4,04
THTPKV025	2500W	230	495	380	80	3,33
THTPKV030	3000W	230	580	504	41	3,01
THTPKV040	4000W	230	600	550	15	3,68
THTPKV040	4000W	400	650	600	15	3,37
THTPKV045	4500W	3x230	395	336	24	6,77
THTPKV060	6000W	400	950	900	15	3,37
THTPKV075	7500W	3x400	960	840	85	4,51
THTPKV080	8000W	400	905	850	20	4,76
THTPKV120	12000W	3x400	1600	1525	40	3,98

DRAWING:

