

# 5.3 Z-shaped heating element

## Model Z-shaped heating element

### APPLICATION

- hung heating element for flat tubs with low liquid level
- direct heating of water, caustic solutions, acids, mordant and other fluids that allow a specific surface load of 2.5 W/cm<sup>2</sup>

### DESIGN

- horizontal, heated shank A,
- vertical, unheated shank B,
- horizontal, unheated shank C, 200 mm long
- brass-screw cap, protection type IP 65
- protective jacket tube made of stainless-steel mat.-no. 1.4571 (AISI 316Ti), Ø 42 mm
- with two footrests, height 50 mm



### INSTALLATION

- hang in the heater and support if necessary
- minimum liquid level 50 mm above heated shank A
- minimum ground clearance of 30 mm

### ELECTRICAL CONNECTION

- up to 3.000 Watt at 230 V single-phase current
- from 3.500 Watt at 3 x 400 V three-phase current

### TECHNICAL DATA

SHANK A (APPROX. MM)	SHANK B (APPROX. MM)	POWER (APPROX. WATT)	ARTICLE NO.
400	300	1.000	05031011
500	400	1.300	05031021
600	400	1.700	05031031
750	500	2.100	05031041
850	500	2.500	05031051
950	600	3.000	05031061
1050	600	3.500	05031071
1200	800	4.000	05031081
1500	800	5.000	05031091

### ALTERNATIVE DESIGN

- other lengths
- other voltage or power
- stainless-steel mat.-no. 1.4539 (AISI 904L) with increased resistance to sulfuric acid and caustic soda
- L-shaped design without horizontal, unheated shank C

