

3.7 Flange heating element

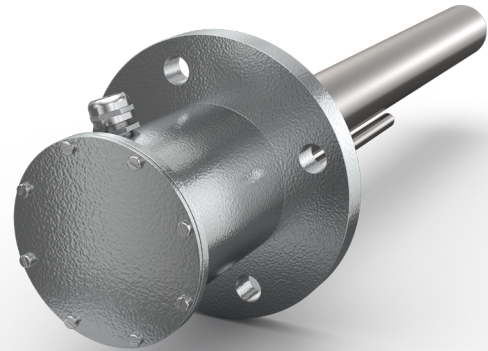
Model FHK65/AVI/Th/52 with thermostat, internally regulated

APPLICATION

- heating up thin oils, hydraulic oil, heat transfer oil
- heating up fluids with similar viscosity to water
- specific surface load 1.5 W/cm² or 2.5 W/cm²

DESIGN

- exchangeable heating element, 230 V, with earth protection
- steel-flange, DN 65, DIN 2527, PN 16, steel-jacket tube Ø 52 mm
- thermostat 0 to 120 °C, switching difference 3 K, switching capacity see catalogue page 12.5
- steel-cap, protection type IP 30, with 2nd cable entry for control cable at three-phase current
- **horizontal** installation



ELECTRICAL CONNECTION

- up to 3.500 Watt at 230 V single-phase current
- over 3.500 Watt at 230/400 V three-phase current

TECHNICAL DATA		ARTICLE NO.		ARTICLE NO.	
IMMERSION LENGTH (APPROX. MM)	POWER (APPROX. WATT)	SURFACE LOAD 1,5 W/CM ²	POWER (APPROX. WATT)	SURFACE LOAD 2,5 W/CM ²	
300	750	03072021	1.250	03073021	
400	1.000	03072031	1.650	03073031	
600	1.450	03072051	2.450	03073051	
800	1.950	03072071	3.250	03073071	
1000	2.450	03072091	4.100*	03073091	
1200	2.950	03072111	4.900*	03073111	
1400	3.450	03072121	5.700*	03073121	
1600	3.900*	03072131	6.550*	03073131	
2000	4.900*	03072151	8.150*	03073151	

*only for 3-phase current available.

ALTERNATIVE DESIGN

- other lengths or unheated areas
- other voltage or power
- vertical installation
- steel-cap, protection type IP 65
- three-phase connection
- other materials, stainless steel nipple, mat.-no. 1.4571 (AISI 316Ti)
- other materials, stainless steel jacket, mat.-no. 1.4404 (AISI 316L)
- when pure water is heated, the surface load can be increased up to 3.5 W/cm²

