

**FLANGEVARMELEGEMER 10-320 KW**

---



**FLANGEVARMELEGEMER  
STANDARD 10-320 KW**

## FLANGE HEATERS

for efficient heating of water in the power range from 10 to 320kW

The flange heater standard series was developed by Newtronic to offer industrial customers a robust electrical heating solution. In addition to the classic customer-specific heaters, Newtronic sets a standard in the process experiences of the last 20 years. Together with the matching regulation it enables the customer to have a stable heating process with almost 100% efficiency!

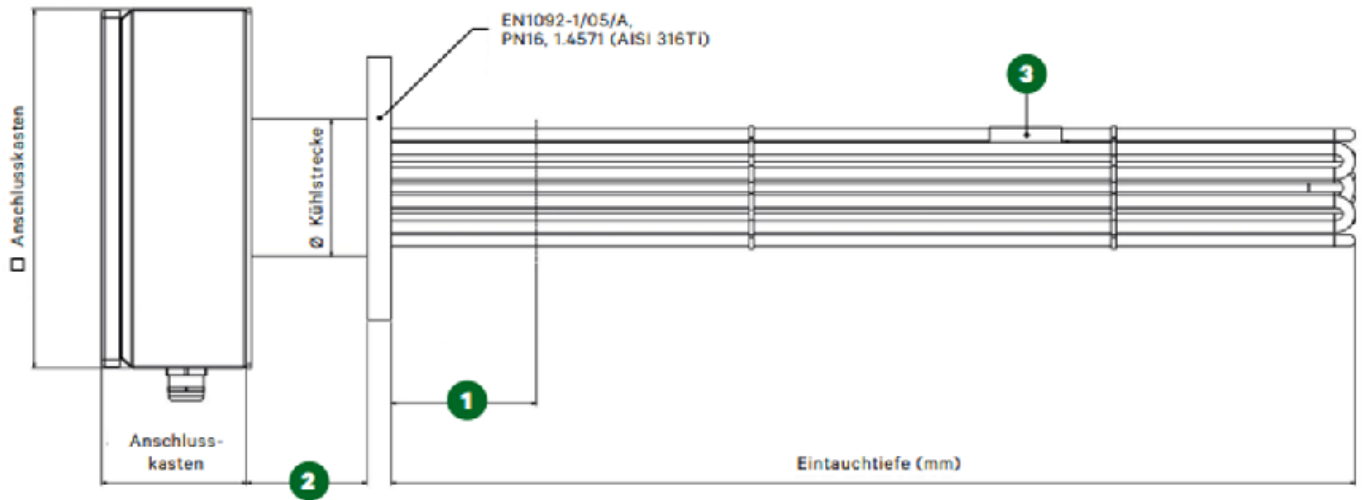
The heaters can either be flanged directly into an existing tank or in a dedicated flow pipe. On request, Newtronic can also deliver the right solution in vertical or horizontal Execution. The heating elements are 10 mm made of stainless steel AISI 316L with a wall thickness of 0.7 mm, particularly suitable in industrial processes.

The heaters are monitored by a safety temperature limiter and switch off when the temperature is too high. The PT100 temperature sensor is used to regulate the heater. Newtronic can also offer suitable thyristor controls etc..

Construction data records, such as connection and circuit diagrams, CAD files (step-file) or the technical drawing are immediately available on request and already support the user in the construction phase.

### PRODUKTMERKMALE SSFHK-SERIE

<b>Medium</b>	Wasser, Wasser-Glykol-Gemisch (weitere: nach Absprache)		
<b>min./max. zul. Temperatur (°C)</b>	+5°C/+110°C	<b>Heizelement</b>	Rohrheizkörper RHK Ø 10 mm
<b>Anschlussspannung (V)</b>	400 3~	<b>Oberflächenbelastung (Watt/cm²)</b>	max. 7,89
<b>Schaltung</b>	Dreieck	<b>Heizelement Werkstoff</b>	1.4404 – AISI 316 L
<b>Leistungstoleranz (%)</b>	+5/-10	<b>Unbeheizte Länge (mm)</b>	<b>1</b> 120
<b>Designdruck max. (bar ü)</b>	10	<b>Toleranz Eintauchtiefe (mm)</b>	max. +5/-20
<b>Prüfdruck (bar ü)</b>	14,3	<b>Heizelement Verschluss</b>	Araldit
<b>Einbaulage</b>	waagrecht	<b>Kühlstrecke (mm)</b>	<b>2</b> 100
<b>Flansch Werkstoff</b>	1.4571 – AISI 316 Ti	<b>Temperaturbegrenzer</b>	STB DR 20–150°C (1-pol.)
<b>Flansch Norm</b>	EN1092-1/05/A	<b>Temperaturfühler</b>	<b>3</b> PT100 3-Leiter „B“
<b>Anschlusskasten Werkstoff</b>	Stahl lackiert (RAL 7035)	<b>Auslegung und Fertigung nach</b>	DGRL 2014/68/RU, AD2000
<b>Schutzart</b>	IP55	<b>Zolltarif-Nr.</b>	8516 1080
<b>Anschlussklemmen</b>	WDU/PVB		



## AUSFÜHRUNGSVARIANTEN

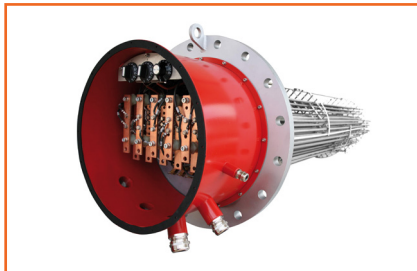
Artikel-Nr.	Leistung kW	Schaltstufen	Eintauchtiefe mm	Flanschgröße	Anzahl RHK	Anschlusskasten mm	Gewicht ca. kg
180001	10	1	800	DN50	3	□ 200 x 120	9
180002	12	1	950	DN50	3	□ 200 x 120	9
180003	15	1	1150	DN50	3	□ 200 x 120	10
180004	20	1	1500	DN50	3	□ 200 x 120	11
180005	20	1	800	DN65	6	□ 200 x 120	12
180006	24	1	950	DN65	6	□ 200 x 120	13
180007	30	1	1150	DN65	6	□ 200 x 120	14
180008	36	1	950	DN100	9	□ 200 x 120	17
180009	40	1	1500	DN65	6	□ 200 x 120	16
180010	40	2	800	DN100	12	□ 300 x 120	21
180011	45	1	1150	DN100	9	□ 300 x 120	22
180012	48	1	950	DN100	12	□ 300 x 120	22
180013	60	1	1500	DN100	9	□ 300 x 120	25
180014	60	2	1150	DN100	12	□ 300 x 120	25
180015	60	2	800	DN125	18	□ 300 x 120	28
180016	72	2	950	DN125	18	□ 300 x 120	30
180017	80	2	1500	DN100	12	□ 300 x 120	29
180018	80	4	800	DN150	24	□ 380 x 210	41
180019	90	2	1150	DN125	18	□ 380 x 210	39
180020	96	2	950	DN150	24	□ 380 x 210	43
180021	100	2	800	DN150	30	□ 380 x 210	44
180022	120	1	1500	DN125	18	□ 380 x 210	44
180023	120	2	1150	DN150	24	□ 380 x 210	51
180024	120	5	950	DN150	30	□ 380 x 210	51
180025	120	4	800	DN200	36	□ 380 x 210	55
180026	144	1	950	DN200	36	□ 380 x 210	56
180027	150	1	1150	DN150	30	□ 380 x 210	51
180028	160	1	1500	DN150	24	□ 380 x 210	53
180029	160	4	800	DN200	48	□ 380 x 210	63
180030	180	1	1150	DN200	36	□ 380 x 210	62
180031	192	1	950	DN200	48	□ 380 x 210	65
180032	200	1	1500	DN150	30	□ 380 x 210	59
180033	240	6	1500	DN200	36	□ 500 x 210	90
180034	240	1	1150	DN200	48	□ 500 x 210	81
180035	320	8	1500	DN200	48	□ 500 x 210	111



**ELVARME**



## VORES PRODUKTSORTIMENT INKLUDERER:



**FLANGEVARMELEGEMER KUNDEDES.**



**BADVARMERE**



**LINE HEATERS**



**ELPATRONER**



**VARMEBESKYTTENDE PRODUKTER**



**FLANGEVARMELEGEMER**

## VI FØRER PRODUKTER INDENFOR KATEGORIERNE:



**AUTOMATIK**



**HVAC & BYGNINGS-  
AUTOMATIK**



**KØLEPROFILER**



**NEWTRONIC**

Ove Jensens Alle 35 F  
DK-8700 Horsens  
Denmark  
[www.newtronic.eu](http://www.newtronic.eu)  
[www.newtronic.dk](http://www.newtronic.dk)  
+45 7669 7090

