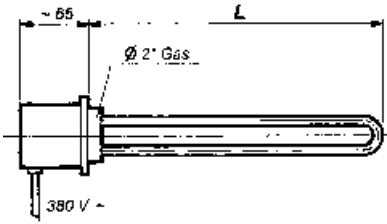


# ELECTRIC HEATERS TYPE HR



## HEATING ELEMENT

Heating element for oil with max viscosity ISO VG 68. Body and thread in yellow brass alloy, resistance of carbon steel U bend shaped to be inserted directly into the tank. Threaded 2" B.S.P. connection to install near the part of the tank with turbulence to raise the thermal efficiency.

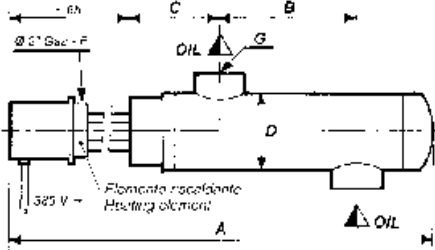
Thermal rating about 2,5 (watt/cmsq). Standard Voltage 230/400 (other Voltages on request). Protection of cables in rubber cap, protection IP 54.

Special executions as "waterproof" and "flameproof" on request. For applications with different fluid please contact our technical office.



EXAMPLE OF PRODUCT CODE <i>esempio codice prodotto</i>	
OLD - vecchio	NEW - nuovo
RE 1013	HRE . 1013 . 000000

HRE	SIZE taglia						
	1013	1015	1020	1030	1040	1050	1060
Pow. W	1300	1500	2000	3000	4000	5000	6000
L (mm)	315	415	515	615	735	615	715



## ELECTRIC HEATERS ON LINE

Heating element HR E type fitted into a shell. For oil, gasoil, cherosene, other types, made for high efficiency, heat dynamically in full stream of flow avoiding over heating. Modular construction with one, three or four candles fitted into rugged carbon steel housing. Easy substitution of the heating elements. Thermal rating about 2.5 (watt/cmsq). Standard Voltage 230/400 (other Voltages on request). Protection of cables in rubber cap. Protection IP 54. Special executions as "waterproof" and "flameproof" on request.



DESIGN TEMP.	temp. progetto	°C	220
DESIGN PRESS.	press. progetto	Bar G	10
TEST PRESS.	pressione prova	Bar G	13
DESIGN DATA	dati di progetto	U.M.	SHELL

EXAMPLE OF PRODUCT CODE <i>esempio di codice prodotto</i>	
OLD - vecchio	NEW - nuovo
HT 1013	HRX . 1013 . 000000

TYPE HRX 1						
Flow min	Portata min	2	m <sup>3</sup> /h			
Flow max	Portata max	18	m <sup>3</sup> /h			
<p><b>Nr. 1</b> Heating element Elemento riscaldante</p>						
Size taglia	kW	A	B	C	D	Ø G
1013	1.3	390	180			
1015	1.5	490	280			
1020	2	590	380			
1030	3	690	480	75	83	1 1/2"
1040	4	810	600			
1050	5	690	480			
1060	6	790	580			

TYPE HRX 3						
Flow min	Portata min	6	m <sup>3</sup> /h			
Flow max	Portata max	36	m <sup>3</sup> /h			
<p><b>Nr. 3</b> Heating elements Elementi riscaldanti</p>						
Size taglia	kW	A	B	C	D	Ø G
3039	3.9	420	150			
3045	4.5	520	250			
3060	6	620	350			
3090	9	720	450	95	168	2"
3120	12	840	570			
3150	15	720	450			
3180	18	820	550			

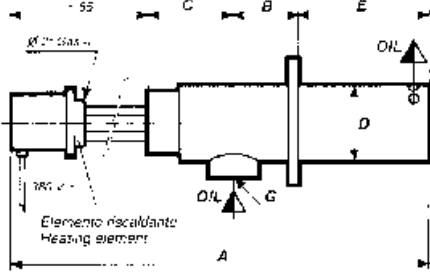
TYPE HRX 4						
Flow min	Portata min	9	m <sup>3</sup> /h			
Flow max	Portata max	60	m <sup>3</sup> /h			
<p><b>Nr. 3</b> Heating elements Elementi riscaldanti</p>						
Size taglia	kW	A	B	C	D	Ø G
4052	5.2	460	150			
4060	6	560	250			
4080	8	660	350			
4120	12	760	450	105	219	2"
4160	16	880	570			
4200	20	760	450			
4240	24	860	550			

# ELETRICI HEATERS TYPE HR



## ELECTRIC IMMERSION HEATERS

Heating element HR E type fitted into a shell. For oil our types, with flange and plain gasket to be fitted into the tank, but using the dynamic way of heating "one line" pouring the oil tank. Modular construction with one, three or four candles, rugged carbon steel housing with most part hidden in tank will solve many problems of space. Thermal rating about 2,5 (watt/cmsq). Standard Voltage 230/400 (other Voltages on request). Protection of cables in dielectric rubber cap. Protection IP 54. Special executions as "waterproof" and "flameproof" on request.



EXAMPLE OF PRODUCT CODE <i>esempio di codice prodotto</i>	
OLD - vecchio	NEW - nuovo
HS 1013	HRT . 1013 . 000000

TYPE HRT 1						
Flow min	Portata min	2 m <sup>3</sup> /h				
Flow max	Portata max	18 m <sup>3</sup> /h				
<b>Nr. 1</b> Heating element <i>Elemento riscaldante</i>						
Size taglia	kW	A	B	C	D	E
1013	1.3	380				170
1015	1.5	480				270
1020	2	580				370
1030	3	680	70	75	83	470
1040	4	800				590
1050	5	680				470
1060	6	780				570

TYPE HRT 3						
Flow min	Portata min	6 m <sup>3</sup> /h				
Flow max	Portata max	36 m <sup>3</sup> /h				
<b>Nr. 3</b> Heating elements <i>Elementi riscaldanti</i>						
Size taglia	kW	A	B	C	D	E
3039	3.9	385				145
3045	4.5	485				245
3060	6	585				345
3090	9	685	80	95	168	445
3120	12	805				565
3150	15	685				445
3180	18	785				545

TYPE HRT 4						
Flow min	Portata min	9 m <sup>3</sup> /h				
Flow max	Portata max	60 m <sup>3</sup> /h				
<b>Nr. 3</b> Heating elements <i>Elementi riscaldanti</i>						
Size taglia	kW	A	B	C	D	E
4052	5.2	380				130
4060	6	480				230
4080	8	580				330
4120	12	680	80	115	219	430
4160	16	800				550
4200	20	680				430
4240	24	780				530

**ATTENTION - To avoid damages as burning or cracking of the fluids due to overheating, the system must be provided with thermostatic control!**