



GEA – Plate Heat Exchanger			
Model	Plates	Solder	Design Limits*
GBSS500H-...	1.4401	Copper	Temperature ±200°C Pressure 30 bar

\*Attention: Connections can reduce the design limits!

The manufacturer herewith certifies that construction, production and examination of his pressure vessel are in conformity with EU guideline 97/23/EC.

Standard Connections		Length	Primary	Secondary
C-PTL	Size			
External Thread				
C	G3/4	S=20mm	<input type="checkbox"/>	<input type="checkbox"/>
E	G1	S=20mm	<input type="checkbox"/>	<input type="checkbox"/>
EB	G1	S=25mm	<input type="checkbox"/>	<input type="checkbox"/>
EL	G1	S=40mm	<input type="checkbox"/>	<input type="checkbox"/>
F	G1 1/4	S=20mm	<input type="checkbox"/>	<input type="checkbox"/>
FL	G1 1/4	S=40mm	<input type="checkbox"/>	<input type="checkbox"/>
Internal Thread				
P	G3/4	S=20mm	<input type="checkbox"/>	<input type="checkbox"/>
R	G1	S=20mm	<input type="checkbox"/>	<input type="checkbox"/>
Solder Connections				
NO	3/8" (ø9,9mm)	S=20mm	<input type="checkbox"/>	<input type="checkbox"/>
TZ	ø 10,3 mm	S=20mm	<input type="checkbox"/>	<input type="checkbox"/>
M	1/2" (ø13,0mm)	S=20mm	<input type="checkbox"/>	<input type="checkbox"/>
MC	1/2" (ø13,0mm)	S=20mm	<input type="checkbox"/>	<input type="checkbox"/>
TX	ø 15,3 mm	S=20mm	<input type="checkbox"/>	<input type="checkbox"/>
O	5/8" (ø16,3mm)	S=20mm	<input type="checkbox"/>	<input type="checkbox"/>
TU	ø 18,3 mm	S=20mm	<input type="checkbox"/>	<input type="checkbox"/>
N	3/4" (ø19,5mm)	S=20mm	<input type="checkbox"/>	<input type="checkbox"/>
H	7/8" (ø22,35mm)	S=20mm	<input type="checkbox"/>	<input type="checkbox"/>
I	ø 28,35 mm	S=20mm	<input type="checkbox"/>	<input type="checkbox"/>
IA	1 1/8" (ø 28,7mm)	S=20mm	<input type="checkbox"/>	<input type="checkbox"/>
K	1 3/8" (ø 35,1mm)	S=20mm	<input type="checkbox"/>	<input type="checkbox"/>
Additional Connections on the Backplate (Internal Thread)				
OZ	G 1/2	S=20mm	<input type="checkbox"/>	<input type="checkbox"/>
Other Connections on Inquiry!				

No. of Plates	8	10	14	20	24	30	34	40	44	50	60
Weight Empty (kg)	3,4	3,9	4,7	6,0	6,8	8,1	8,9	10,2	11,0	12,3	14,4
Surface (m <sup>2</sup> )	0,35	0,47	0,71	1,06	1,30	1,65	1,89	2,24	2,48	2,73	3,42
No. of Plates	70	80	90	100							
Weight Empty (kg)	16,5	18,6	20,7	22,8							
Surface (m <sup>2</sup> )	4,01	4,60	5,19	5,78							

Approvals: PED + EN13445, other approvals on inquiry

<b>GEA</b>			
Zachungsnr.: Benennung, Werkstoff, Abmessungen usw.			
Gesetzlich	Geprüft	Gewährfrist - datum	Rechtlich - Modell-, Werkstoff-
Vogt	Graichen	12.10.09	10.01.09
Zachungsnr.		Zachungsnr.	
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Zachungsnr.		Beit.	
GBSS500H-0812.0910.02-E		1:3	