



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"/>
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				
OZ	G1/2	S=20mm	<input type="checkbox"/>	<input type="checkbox"/>
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"/>
M	1/2" (ø13,0mm)	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 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
Weight Empty (kg)	1,7	1,8	2,0	2,4	2,6	3,0	3,2	3,6	3,8	4,2
Surface (m ²)	0,1	0,14	0,21	0,32	0,39	0,49	0,56	0,67	0,74	0,84

Approvals: PED + EN13445, other approvals on inquiry

GEA – Plate Heat Exchanger		Design Limits*		
Model	Plates	Solder	Temperature	Pressure
<input type="checkbox"/> GBS300H-...	1.4401	Copper	±200°C	30 bar

*Attention: Connections can reduce the design limits!

Zachnungsname, Benennung, Werkstoff, Abmessungen usw		Zeichnungsname		Konstr.-, Modell-, Werkst.-Nr.	
Gezeichnet	Vogt	Geprüft	Grätschen	Genehmigt – datum	12.10.09
Firmenname GEA GEA WTT GmbH Remsoer Str. 2a 04603 Nobitz – Wilchwitz Germany Tel.:+49(0)3447-5539-0 / Fax:+49(0)3447-5539-30 www.gea-phe.com ecobr@ze.phe.de@geogroup.com		Zeichnungsname Plate Heat Exchanger GBS300H		Datum	10.01.09
Zeichnungsnummer GBS300H-0812.0910.02-E		Maßstab 1:3		Blatt	

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