



Standard Connections		Length	Primary	Secondary
C-PTL	Size			
External Thread				
C	G3/4	S=20,0mm	<input type="checkbox"/>	<input type="checkbox"/>
E	G1	S=20,0mm	<input type="checkbox"/>	<input type="checkbox"/>
EL	G1	S=40,0mm	<input type="checkbox"/>	<input type="checkbox"/>
F	G1 1/4	S=20,0mm	<input type="checkbox"/>	<input type="checkbox"/>
FL	G1 1/4	S=40,0mm	<input type="checkbox"/>	<input type="checkbox"/>
Internal Thread				
P	G3/4	S=20,0mm	<input type="checkbox"/>	<input type="checkbox"/>
R	G1	S=20,0mm	<input type="checkbox"/>	<input type="checkbox"/>
Solder Connections				
NO	3/8" (Ø 9,9mm)	S=20,0mm	<input type="checkbox"/>	<input type="checkbox"/>
TZ	Ø 10,3mm	S=20,0mm	<input type="checkbox"/>	<input type="checkbox"/>
M	1/2" (Ø 13,0mm)	S=20,0mm	<input type="checkbox"/>	<input type="checkbox"/>
TX	Ø 15,3mm	S=20,0mm	<input type="checkbox"/>	<input type="checkbox"/>
O	5/8" (Ø 16,3mm)	S=20,0mm	<input type="checkbox"/>	<input type="checkbox"/>
TU	Ø 18,3mm	S=20,0mm	<input type="checkbox"/>	<input type="checkbox"/>
N	3/4" (Ø 19,5mm)	S=20,0mm	<input type="checkbox"/>	<input type="checkbox"/>
H	7/8" (Ø 22,35mm)	S=20,0mm	<input type="checkbox"/>	<input type="checkbox"/>
I	Ø 28,35mm	S=20,0mm	<input type="checkbox"/>	<input type="checkbox"/>
IA	1 1/8" (Ø 28,7mm)	S=20,0mm	<input type="checkbox"/>	<input type="checkbox"/>
K	1 3/8" (Ø 35,1mm)	S=20,0mm	<input type="checkbox"/>	<input type="checkbox"/>
Additional Connections Backplate (Internal Thread)				
OZ	G1/2	S=20,0mm	<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)	2,6	2,9	3,4	4,2	4,7	5,5	6,0	6,8	7,3	8,1	9,4
Surface (m²)	0,21	0,28	0,42	0,63	0,77	0,98	1,12	1,33	1,47	1,68	2,03
No. of Plates	70	80	90	100							
Weight Empty (kg)	10,7	12,0	13,3	14,6							
Surface (m²)	2,38	2,73	3,08	3,43							

Approvals: PED, ASME VIII-1, other approvals on inquiry

GEA WTT - Plate Heat Exchanger				Design Limits*	
Model	Plates	Solder	Temperature	Pressure	
<input type="checkbox"/> GBS400H-...	1.4401	Copper	-196..+200°C	30 bar	
*Attention: Connections can reduce the design limits!					

Dateiname des Zeichnungsobjektes: GBS400H-0812_1105_03-E		Dateityp: ASSEM	Dateiname der Zeichnung: GBS400H-0812_1105_03-E	
GEA WTT GmbH Rensaer Straße 2a D-04603 Nobitz-Wilchwitz Tel. 03447-5539-0 Fax. 03447-5539-30			Maßstab 1:2	Gew.:
			Werkstoff:	
			Halbzeug: -	
		Datum	Name	Benennung: Plate Heat Exchanger GBS400H
		Bear. 01.12.2008	Dietrich	
		Gepr. 02.05.2011	Graichen	
		Norm		
03	Approvals	02.05.11	Diet.	Zeichnungsnummer: GBS400H_EN
03	Temperature	02.05.11	Diet.	
Zust.	Änderung	Datum	Nam. (Urspr.)	Blatt 1 1 Bl.
			(Ers.f.:)	(Ers.d.):