



GBS700L: L=11,0+2,29xN
(theoretical dimension)
GBS700M: L=11,0+2,25xN
(theoretical dimension)

GEA – Plate Heat Exchanger		Design Limits*	
Model	Plates	Solder	Temperature
GBS700L–...	1.4401	Copper	±200°C
GBS700M–...	1.4401	Copper	±200°C
			Pressure
			30 bar

*Attention: Connections can reduce the design limits!

Standard Connections			
C-PTL Size	Length	Primary	Secondary
Welding-Neck Flange PN40 – DIN 2635			
TM DN40	S=95mm	<input type="checkbox"/>	<input type="checkbox"/>
LM DN50	S=100mm	<input type="checkbox"/>	<input type="checkbox"/>
External Thread			
GZ G1 1/2	S=20mm	<input type="checkbox"/>	<input type="checkbox"/>
G G2	S=20mm	<input type="checkbox"/>	<input type="checkbox"/>
TB G2	S=65mm	<input type="checkbox"/>	<input type="checkbox"/>
LG G2 1/2	S=65mm	<input type="checkbox"/>	<input type="checkbox"/>
Internal Thread			
TD G1 1/2	S=65mm	<input type="checkbox"/>	<input type="checkbox"/>
Solder Connections			
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"/>
LZ 1 5/8" (ø 42,1mm)	S=20mm	<input type="checkbox"/>	<input type="checkbox"/>
L 2 1/8" (ø 54mm)	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	20	24	30	34	40	44	50	60	70	80	90
Weight Empty (kg)	20,4	22,6	25,8	28,0	31,2	33,4	36,6	42,0	47,4	52,8	58,2
Surface (m ²)	2,43	2,97	3,78	4,32	5,13	5,67	6,48	7,83	9,18	10,53	11,88
No. of Plates	100	110	120	130	140	150					
Weight Empty (kg)	63,6	69,0	74,4	79,8	85,2	90,6					
Surface (m ²)	13,23	14,58	15,93	17,28	18,63	19,98					

Approvals: PED + EN13445, other approvals on inquiry

		Zachungsnr. Bem. Wskstf. Abmessungen usw	
		Gesicht	Deckt
Vogt		Gralchen	
12.10.09		10.01.09	
1:5			
Firmenname 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@gea-phe.com		Zeichnungsnummer Plate Heat Exchanger GBS700L/GBS700M GBS700L/GBS700M-0812.0910.02-E	
		Beit	

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