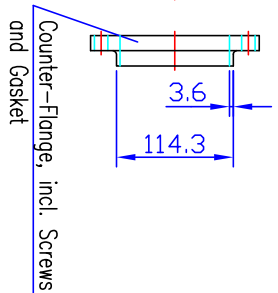


COMPAC-Flange DN100



Standard Connections		Length	Primary	Secondary
C-PTL	Size		<input type="checkbox"/>	<input type="checkbox"/>
Compac-Flange (1.4404), incl. Counter-Flange (C22.8 or 1.4404)				
SC	DN65 (40bar)	S=69,5mm	<input type="checkbox"/>	<input type="checkbox"/>
TGD	DN80 (40bar)	S=115mm	<input type="checkbox"/>	<input type="checkbox"/>
THA	DN100 (40bar)	S=142,5mm	<input type="checkbox"/>	<input type="checkbox"/>
Refrigerant-Flange (Steel), incl. Counter-Flange for Welding or Soldering				
LX	DN50 (40bar)	S=92,5mm	<input type="checkbox"/>	<input type="checkbox"/>
SX	DN65 (40bar)	S=90,5mm	<input type="checkbox"/>	<input type="checkbox"/>
TGX	DN80 (40bar)	S=104,5mm	<input type="checkbox"/>	<input type="checkbox"/>
THX	DN100 (40bar)	S=125,5mm	<input type="checkbox"/>	<input type="checkbox"/>
Solder Connections				
LZ	1 5/8" (ø 42,1mm)	S=27,5mm	<input type="checkbox"/>	<input type="checkbox"/>
L	2 1/8" (ø 54mm)	S=27,5mm	<input type="checkbox"/>	<input type="checkbox"/>
S	70,3 mm	S=27,5mm	<input type="checkbox"/>	<input type="checkbox"/>
LR	76,2 mm	S=27,5mm	<input type="checkbox"/>	<input type="checkbox"/>
LB	3 1/8" (ø79,2mm)	S=27,5mm	<input type="checkbox"/>	<input type="checkbox"/>
TN	4 1/8" (ø105mm)	S=27,5mm	<input type="checkbox"/>	<input type="checkbox"/>
Additional Connections on the Backplate (Internal Thread)				
OZ	G 1/2	S=27,5mm	<input type="checkbox"/>	<input type="checkbox"/>
Other Connections on Inquiry!				

No. of Plates	50	60	70	80	90	100	110	120	130	140	150
Weight Empty (kg)	102,0	114,5	127,0	139,5	152,0	164,5	177,0	189,5	202,0	214,5	227,0
Surface (m ²)	14,4	17,4	20,4	23,4	26,4	29,4	32,4	35,4	38,4	41,4	44,4
No. of Plates	160	170	180	190	200	210	220	230	240	250	260
Weight Empty (kg)	239,5	252,0	264,5	277,0	289,5	302,0	314,5	327,0	339,5	352,0	364,5
Surface (m ²)	47,4	50,4	53,4	56,4	59,4	62,4	65,4	68,4	71,4	74,4	77,4
No. of Plates	270	280	290	300							
Weight Empty (kg)	377,0	389,5	402,0	414,5							
Surface (m ²)	80,4	83,4	86,4	89,4							

L=20,6+2,35xN
(theoretical dimension)

Approvdis: PED + EN13445, other approvdis on inquiry

GEA - Plate Heat Exchanger		Design Limits*	
Model	Plates	Solder	Temperature
GBS1000H-...	1.4401	Copper	±200°C
			Pressure
			30 bar

*Attention: Connections can reduce the design limits!



Zichnungsname, Benennung, Werkstoff, Abmessungen usw.
Gezeichnet
Vogt

Zichnungsname
Plate Heat Exchanger GBS1000H
Genehmigt - datum
09.12.2008
Modell
1:7,5

Finanzname
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Zichnungsnummer
GBS1000H-0812.0812.01-E
Bart

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