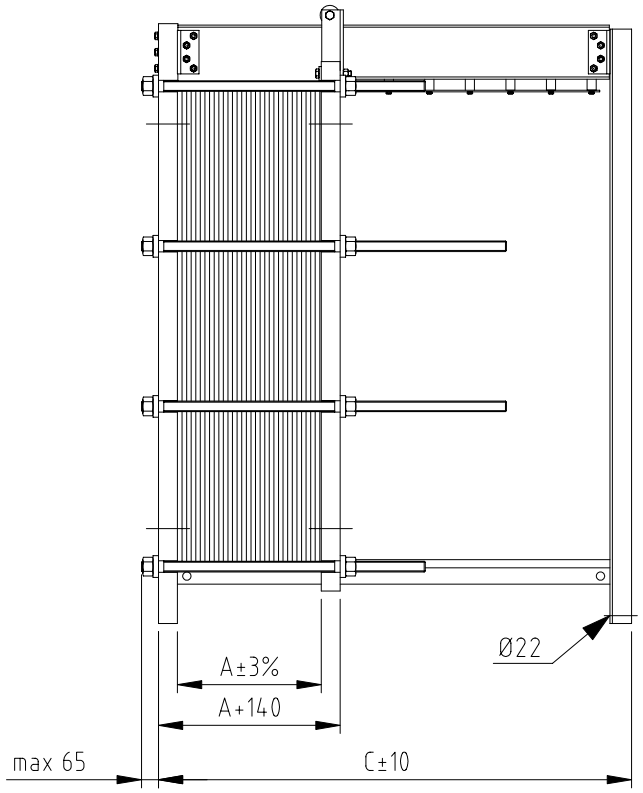
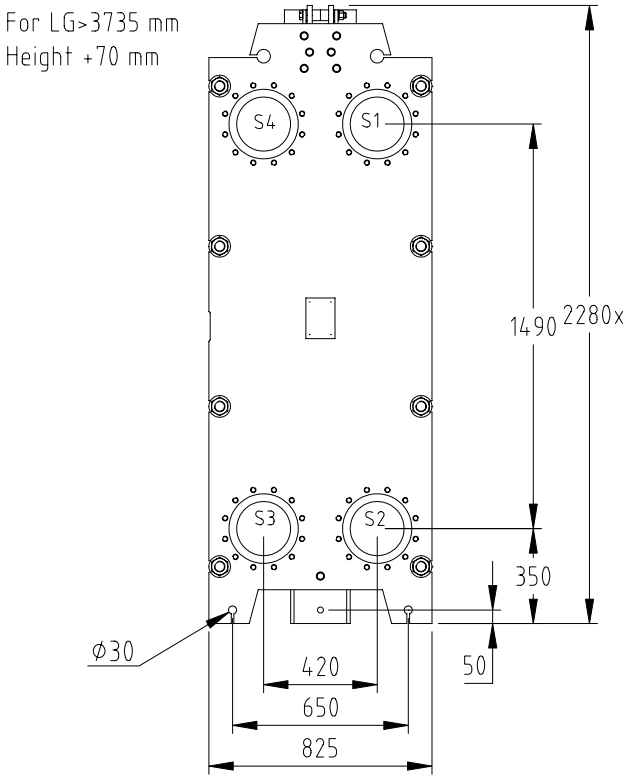
TRANTER A DOVER COMPANY

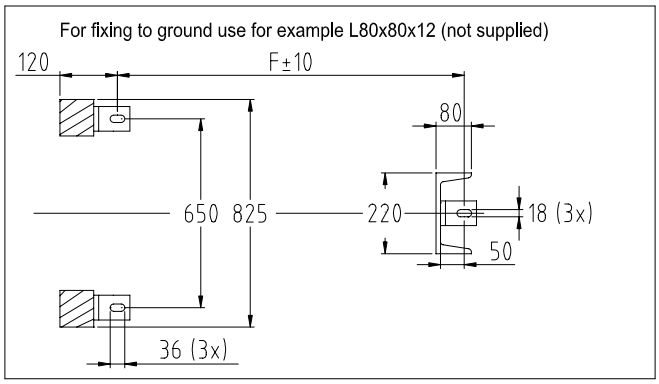
PLATE HEAT EXCHANGER

GX-100P

DIMENSIONS, MM

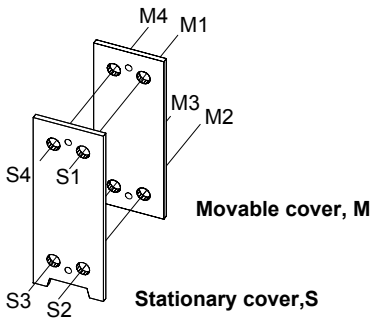




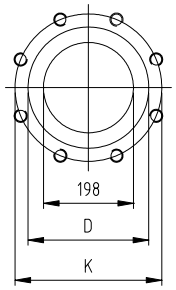


The Plate Heat Exchanger has 4 connections as standard and should be installed with min. 1200 mm space on both sides for service work.

Subject to alterations without prior notice.



Available connections.



Conn. fits	D	K	Threaded	No. of bolts
DIN ×	255	295	M20x30	12
ANSI ×	255	298	3/4"UNCx30	8
JIS 10K	255	290	M20x30	12
JIS 5K	255	280	M20x30	8

× DIN 2501 PN 16
ANSI B 16.5 # 150lb

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DIMENSIONS, MM

Standard connection dimension		DN200
Tightening bolt		M39
No. of long tightening bolts (T_L)		4
No. of short tightening (T_S)		4
Cover thickness		70 mm
Weight of guiding bar		27 kg/m
Weight of reinforced guiding bar		42 kg/m
Weight of tightening bolt		8,1 kg/m
A-dimension		3,8*n mm
C-dimension		LG+150 mm
F-dimension		LG+9 mm
Weight plate+gasket (W)	AISI 304/316 0,5 mm AISI 304/316 0,6 mm Titanium 0,5 mm Titanium 0,6 mm	4,8 kg 5,8 kg 2,9 kg 3,5 kg
Weight Frame		1940+n*W kg

Max No of plates	LT_L	LG	C	F
39	500	1300	1450	1309
78	750	1300	1450	1309
118	1050	1300	1450	1309
125	1050	1600	1750	1609
164	1350	1600	1750	1609
171	1350	1950	2100	1959
218	1650	1950	2100	1959
256	1950	2200	2450	2209
265	1950	2500	2650	2509
303	2250	2500	2650	2509
312	2250	3000	3150	3009
380	3000	3000	3150	3009
429	3000	3500	3650	3509
456	3500	3500	3650	3509
500	3500	4000[1)]	4150	4009
533	4000	4000[1)]	4150	4009
576	4000	4500[1)]	4650	4509
610	4500	4500[1)]	4650	4509

LT_L = Length of long tightening bolt, based on 6,4 x n + 250 mm
LG = Length of guiding bar, based on 6,5 x n + 530 mm
n = number of plates

Total max no. of plates	
AISI 304/316 0,5 mm	650

1) LG>3735 mm reinforced guiding bar Height+70mm.

All data is based on plates with material AISI 304/316 and thickness 0,5 mm.