

Customer :
 Customer contact :
 email :
 Customer reference :
 Model : SE 0070+

Item :
 Date : 8/28/2024
 Your contact : info@f2komplex.hu
 email : info@f2komplex.hu

OPERATING CONDITION

COLD SIDE

HOT SIDE

Fluids		Mono-Ethylene Glycol 30%	Water
Inlet flow rates	m ³ /h	3.73	3.44
INLET temperatures	°C	7.0	15.0
OUTLET temperatures	°C	12.0	10.0
Pressure drop (calc.)	kPa	2.67	1.79
Operating pressure	bar G	5.000	5.000
Capacity	kW	20.00	
Total oversizing	%	0.00	

FLUID PROPERTIES

Density	kg/m ³	1041.20	999.68
Specific heat capacity	J/(kg K)	3706	4190
Thermal conductivity	W/(m K)	0.456	0.585
Dynamic viscosity	cP	3.0465	1.2166

PRODUCT CONFIGURATION

Product code	SE#0070+041A00PNPV0JJ11
Frame material	Carbon steel
Plates (material / thickness)	AISI 316L (EN 1.4404) / 0.4 mm
Gaskets (material / type)	NBR / Glue-free Plug-In® design
Connections size	DN50
Connections type	Threaded nozzles
Connections material	AISI 316
Fluids position (inlet -> outlet)	F3 -> F4
No. of passes	1
Relative directions of fluids	Counter Current
Max. number of plates allowed on frame	41

DESIGN

Design standard	PED 2014/68/EU
PED risk category	Art. 4.3 (Gr. 2 - L) / -
Pressure (design / test)	bar
Temperature (min / design)	°C
Volume (each side)	l
Specific compliance and certification	-

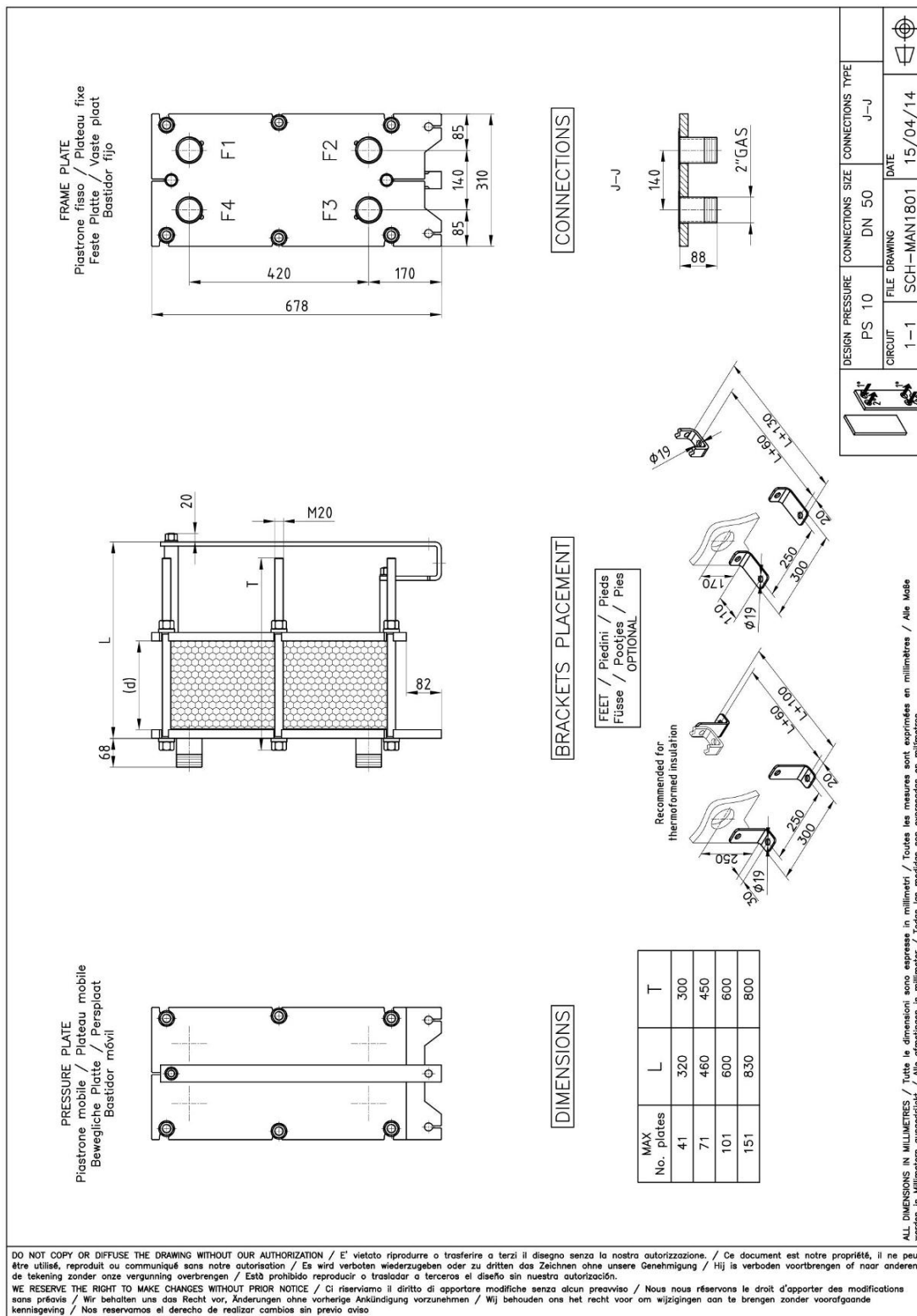
DIMENSIONS AND WEIGHT

Overall dimensions (width x height x length)	mm	310 x 678 x 408
Weight (empty / operating)	kg	88 / 97

REMARKS

Checking of COMPATIBILITY between fluids and materials is on user charge. For support contact "your contact" as above indicated who drafted the present document.
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