

Customer :
Customer contact :
email :
Customer reference :
Model : SE 0160+

Item :
Date : 8/30/2024
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	13.99	12.89
INLET temperatures	°C	7.0	14.0
OUTLET temperatures	°C	12.0	9.0
Pressure drop (calc.)	kPa	29.94	21.49
Operating pressure	bar G	5.000	5.000
Capacity	kW	75.00	
Total oversizing	%	10.20	

FLUID PROPERTIES

Density	kg/m ³	1041.20	999.79
Specific heat capacity	J/(kg K)	3706	4191
Thermal conductivity	W/(m K)	0.456	0.583
Dynamic viscosity	cP	3.0465	1.2509

PRODUCT CONFIGURATION

Product code	SE#0160+061A00PNPV0JJ11	
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	DN50
Connections type	Threaded nozzles	Threaded nozzles
Connections material	AISI 316	AISI 316
Fluids position (inlet -> outlet)	F3 -> F4	F1 -> F2
No. of passes	1	1
Relative directions of fluids	Counter Current	
Max. number of plates allowed on frame	71	

DESIGN

Design standard	PED 2014/68/EU	
PED risk category	Art. 4.3 (Gr. 2 - L) / -	
Pressure (design / test)	bar	10 / 15
Temperature (min / design)	°C	0 / 14
Volume (each side)	l	11.9
Specific compliance and certification	-	

DIMENSIONS AND WEIGHT

Overall dimensions (width x height x length)	mm	310 x 1008 x 548
Weight (empty / operating)	kg	152 / 176

REMARKS

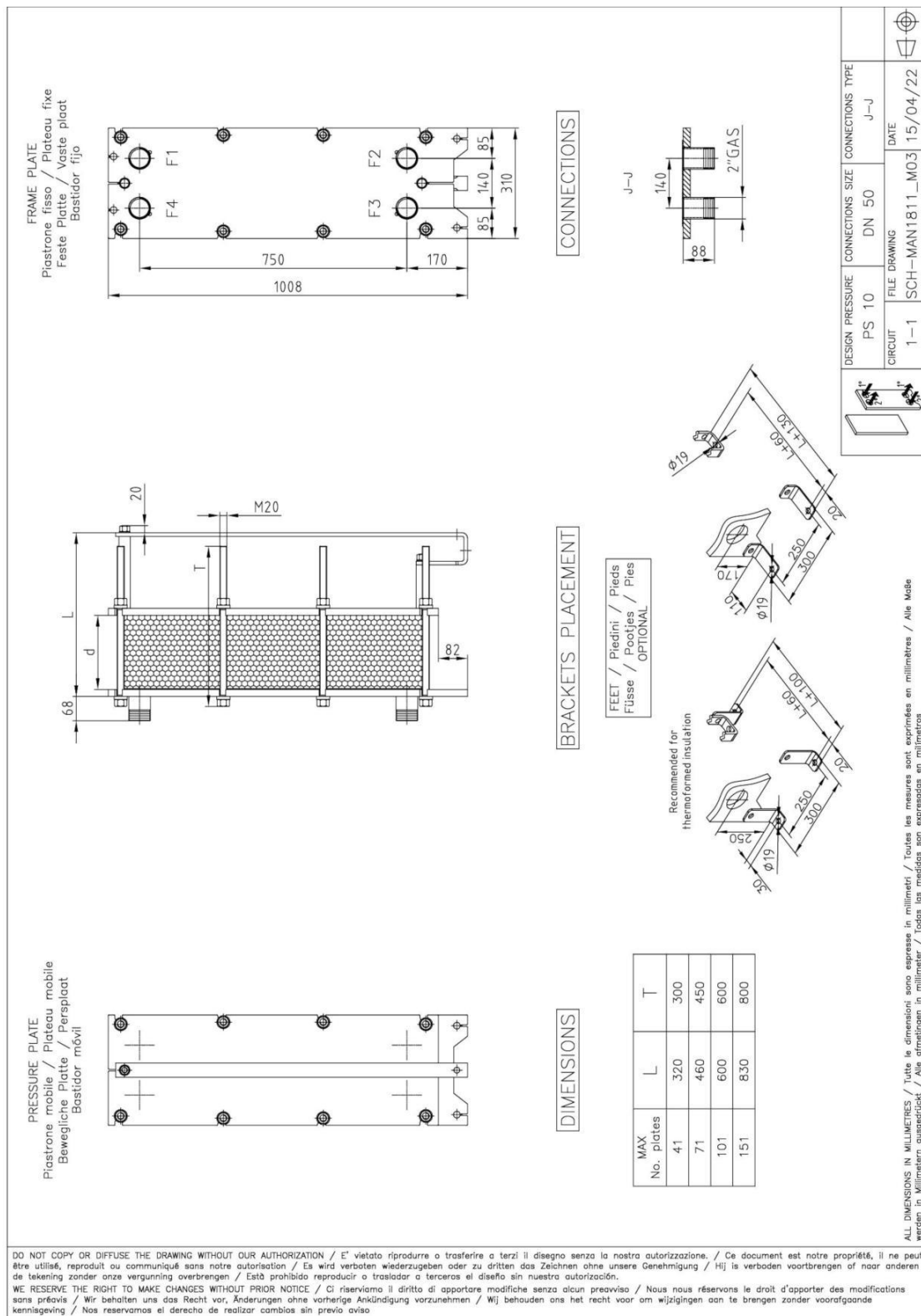
Checking of COMPATIBILITY between fluids and materials is on user charge. For support contact "your contact" as above indicated who drafted the present document.
All contents of present document are Proprietary Information of the manufacturer. Do not use, copy, reproduce, transmit, communicate or disclose in any other way to a third party without our authorization. The manufacturer reserves the right to make changes without prior notice.
This document may not be interpreted as creating any relationship between the manufacturer and "Your contact" that goes beyond the present document, and for example, joint-ventures, de-facto companies, fiduciary, agency, employment and subcontracting relationships.



Exchange
for good

Drawing

Item :
Date : 8/30/2024
Model : SE 0160+



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

All contents of present document are Proprietary Information of the manufacturer. Do not use, copy, reproduce, transmit, communicate or disclose in any other way to a third party without our authorization. The manufacturer reserves the right to make changes without prior notice.

This document may not be interpreted as creating any relationship between the manufacturer and "Your contact" that goes beyond the present document, and for example, joint-ventures, de-facto companies, fiduciary, agency, employment and subcontracting relationships.