

Customer :	Item :	
Customer contact :	Date :	8/26/2024
email :	Your contact :	info@f2komplex.hu
Customer reference :	email :	info@f2komplex.hu
Model : SE 0040+		

OPERATING CONDITION		COLD SIDE		HOT SIDE	
Fluids		Mono-Ethylene Glycol 30%		Water	
Inlet flow rates	m ³ /h	4.11		3.78	
INLET temperatures	°C	7.0		15.0	
OUTLET temperatures	°C	12.0		10.0	
Pressure drop (calc.)	kPa	4.66		3.72	
Operating pressure	bar G	5.000		5.000	
Capacity	kW	22.00			
Total oversizing	%	0.91			

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#0040+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	DN32	DN32
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	75	

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 / 15
Volume (each side)	l	3.3
Specific compliance and certification	-	

DIMENSIONS AND WEIGHT

Overall dimensions (width x height x length)	mm	200 x 470 x 551
Weight (empty / operating)	kg	41 / 48

REMARKS

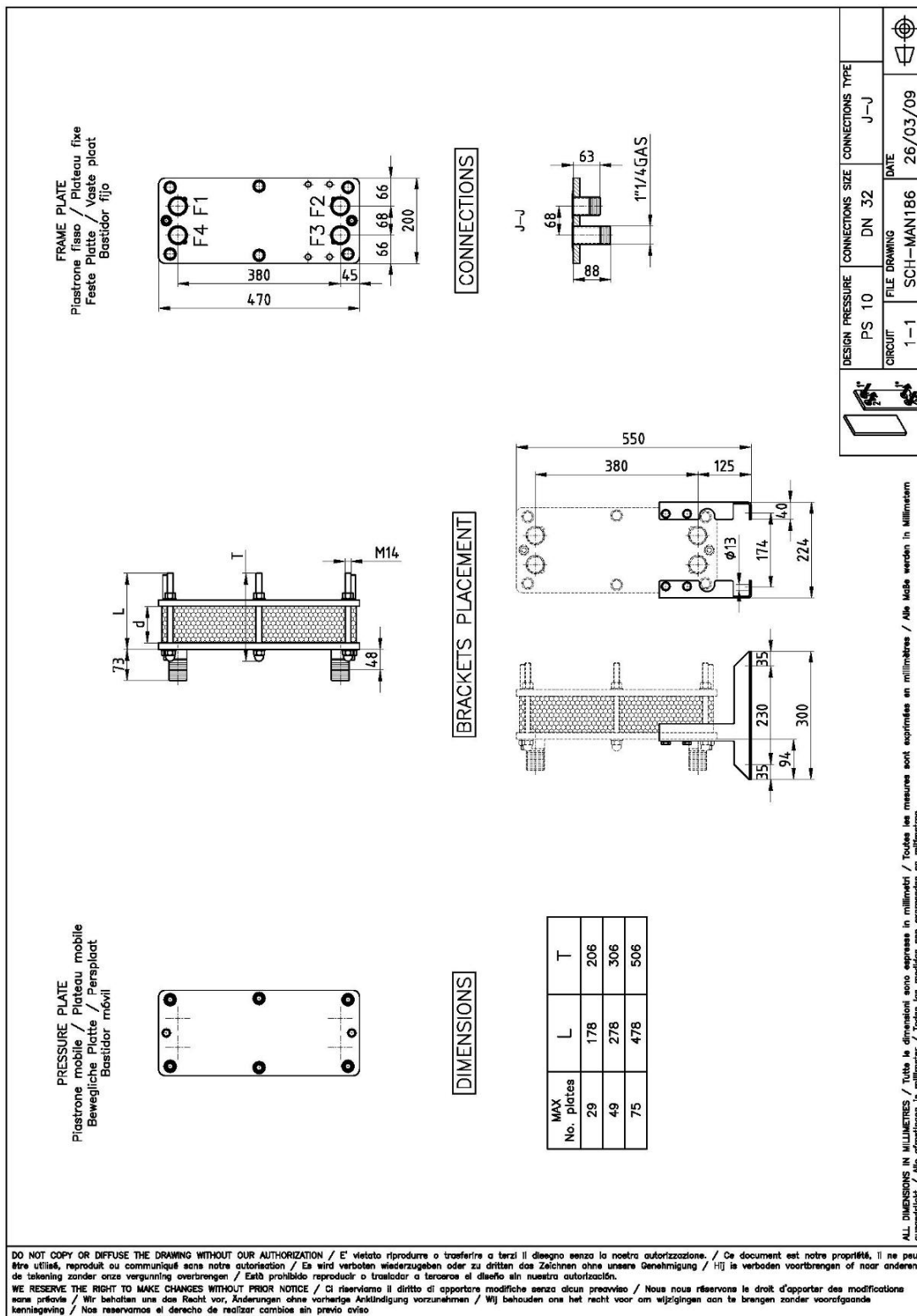
Checking of COMPATIBILITY between fluids and materials is on user charge. For support contact "your contact" as above indicated who drafted the present document.
 All contents of present document are Proprietary Information of the manufacturer. Do not use, copy, reproduce, transmit, communicate or disclose 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 : 8/26/2024
Model : SE 0040+



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.

<https://www.cipriani-phe.com/> info@cipriani-phe.com