

Customer :
Customer contact :
email :
Customer reference :
Model : SE 0080+

Item :
Date : 8/29/2024
Your contact : info@f2komplex.hu
email : info@f2komplex.hu

OPERATING CONDITION

COLD SIDE

HOT SIDE

Fluids		Water	Water	
Inlet flow rates	m ³ /h	7.84	7.87	m ³ /h
INLET temperatures	°C	40.0	70.0	°C
OUTLET temperatures	°C	60.0	50.0	°C
Pressure drop (calc.)	kPa	24.48	24.68	kPa
Operating pressure	bar G	5.000	5.000	bar G
Capacity	kW		180.00	
Total oversizing	%		90.94	

FLUID PROPERTIES

Density	kg/m ³	988.25	983.41
Specific heat capacity	J/(kg K)	4180	4184
Thermal conductivity	W/(m K)	0.644	0.655
Dynamic viscosity	cP	0.5470	0.4665

PRODUCT CONFIGURATION

Product code	SE#0080+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 / 70	
Volume (each side)	l	5.6	5.6
Specific compliance and certification		-	

DIMENSIONS AND WEIGHT

Overall dimensions (width x height x length)	mm	200 x 755 x 551
Weight (empty / operating)	kg	65 / 76

REMARKS

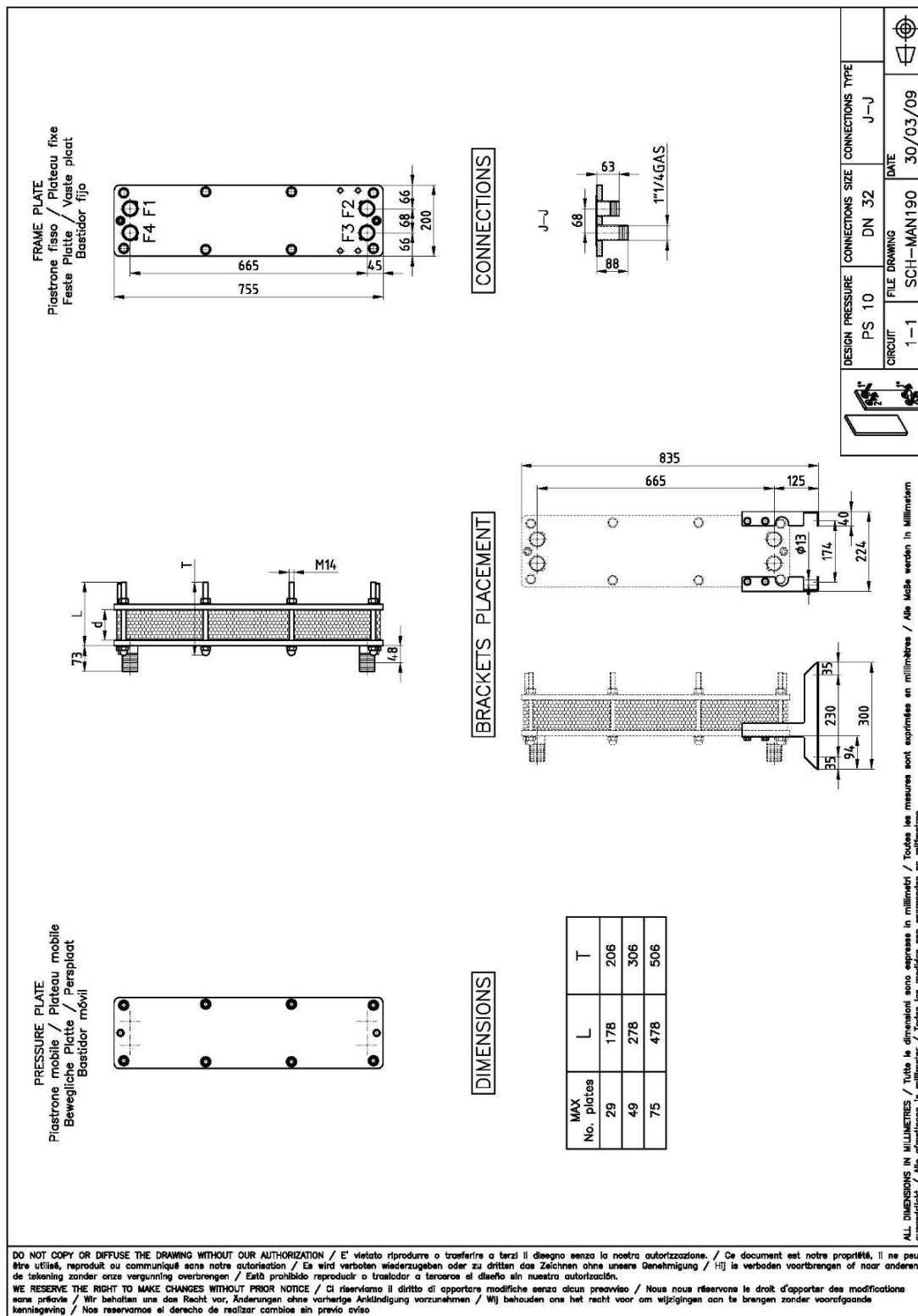
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Exchange
for good

Drawing

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