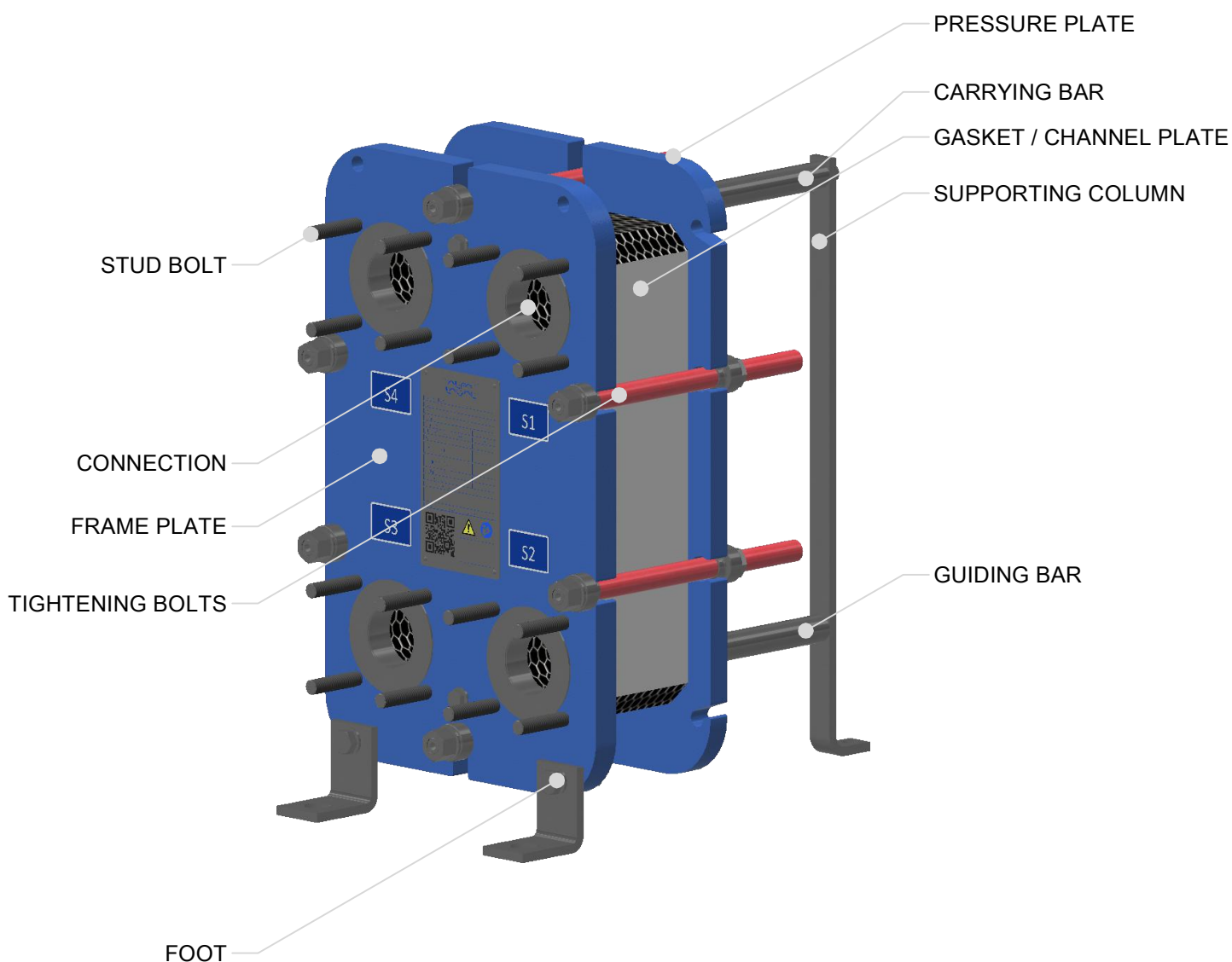


TS6-MFG

Serial No.: AAM1072530 to AAM1072534

Order No.: Q26-707635-10



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Purchase order: 3304528
Line: 1
Item no: 4940748939
SerialNo: AAM1072530 to AAM1072534
Calculation drawing no: 3490012674-2



Part list

Block	Block description	Item No	Item description	Quantity
MSI0000536	TIGHTENING BOLT	822070 0002	M20,L=330,Staked/Pin-locked	30
MSI0001810	FRAME PLATE	82302098 01	TS6-FG,4H, PN10 and PN16	5
MSI0001827	PRESSURE PLATE	822230 0001	TS6-FG,EN 13445	5
MSI0001940	BARS	822186 0002	L=500	10
MSI0003931	CHANNEL PLATE	39000004 03	METALLIC COMPLETE PLATE	140
		39005814 26	Field Gasket	140
MSI0003932	END PLATE II	39000004 03	METALLIC COMPLETE PLATE	5
		39005814 26	Field Gasket	10
MSI0004514	END PLATE I	39000018 76	RAW PLATE	5
		39005814 26	Field Gasket	5
MV00000129	PRESSURE RETAINING NUT	3350026836	M6M,M20	30
MV00000217	TYPE PLATE	66169	DRIVE SCREW	20
		82305197 01	English,2349-02	5
MV00000241	CONNECTION LABEL	82300070 01	CONNECTION LABEL	5
MV00000242	CONNECTION LABEL	82300070 02	CONNECTION LABEL	5
MV00000243	CONNECTION LABEL	82300070 03	CONNECTION LABEL	5
MV00000244	CONNECTION LABEL	82300070 04	CONNECTION LABEL	5
MV00000280	INSPECTION, ZI10			5
MV00000357	BoltAssy_Structural	223101 49	BRB 13 X 24 - 8,8	10
		221045 09	ISO 4017 - M12 X 30 - 8.8	10
MV00000515	BoltAssy_Structural	221045 50	ISO 4017 - M12 X 50 - 8.8	10
		223101 49	BRB 13 X 24 - 8,8	10
MV00000524	WARNING SIGN	82304671 01	Warning label	10
MV00001079	LOCK WASHER	3350005003	LOCK WASHER	30
MV00001283+	PLASTIC TUBE	1995 101 096	M20	10
MV00001288	BoltAssy_Structural	2210462 30	ISO 4014 - M16 X 70 - 8.8	10
		70490	BRB 17 X 30 - 8,8	10
MV00001307	NutAssy_Structural	70490	BRB 17 X 30 - 8,8	10
		221803 34	NUT	10
MV00001378	TIGHTENING & GUIDING DEVICE	3350027971	M20	30
		223101 52	BRB 21 X 37 - 8,8	30
MV00002021	FOOT	1640927 01	Standard,EN ISO 1461,1312-00	10
MV00002022	SUPPORTING COLUMN	82300363 01	Flat bar,TS6,L=638	5
MV00002066	METAL LINING			20
MV00002076	DISTANCE SHEET	1640917 01	DISTANCE SHEET	5
MV00002187	LOGO PLATE	1643835 02	"ALFA LAVAL", PLASTIC	5
MV00002228	PROTECTING COVER	1640924 02	PROTECTION SHEET	5
MV00002253	SKID BASE	32900272 07	Pallet, lying,L=SPEC	5
MV00002262	CASE	32900272 02	Complete, lying,L=500	5
		32900272 06	Lid,L=SPEC	5
MV00009525	DOCUMENTS	3490023853	INSTRUCTION MANUAL	5
MV00012294	STUD BOLT	82301649 38	M16,L=90	80

Plate hanging list

Gasketed Plate Heat Exchanger



Purchase order no: 3304528
Line no: 1
Item no: 4940748939
Serial no: AAM1072530 to AAM1072534

Model TS6-MFG
Number of units 5
Supplier order no Q26-707635
Project ref
Line ref
End customer Siersema Componenten Service B.V.
End customer order no Q2602194

Material	ALLOY 316	Thickness	0.60 mm
Number of plates	30	A-Measure	139 mm

	<u>Hot side</u>	<u>Cold side</u>
Grouping	1*14 L	1*15 L
Sealing material	EPDMFF	EPDMFF
Sealing attachment principle	Clip-on	Clip-on
Plate surface finish	Unpolished	Unpolished
Nozzle orientation	S1=>S2	S3=>S4

Section & Area	Flowrate	Media	FDG	Temperature progr.	Pressure drop	Fluid volume	Inlet	Outlet	Grouping
1	431.9 kg/h	Water-Steam	2	143.7 °C => 143.7 °C	0.1 kPa	6.67 dm³	S1	S2	1*14 L
2.40 m²	15000 kg/h	Water	2	65.0 °C => 80.0 °C	2.7 kPa	7.13 dm³	S3	S4	1*15 L

Plate hanging list

Gasketed Plate Heat Exchanger



Purchase order no: 3304528
Line no: 1
Item no: 4940748939
Serial no: AAM1072530 to AAM1072534

Frame Plate	
S1 Flange EN 1092-1 PN16 DN65 lining ALLOY 316	S2 Flange EN 1092-1 PN16 DN65 lining ALLOY 316
S3 Flange EN 1092-1 PN16 DN65 lining ALLOY 316	S4 Flange EN 1092-1 PN16 DN65 lining ALLOY 316
Pressure Plate	
T1 No hole	T2 No hole
T3 No hole	T4 No hole

Plate hanging list

Gasketed Plate Heat Exchanger



Purchase order no: 3304528
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Serial no: AAM1072530 to AAM1072534

Channel plates are assembled with the gasket side facing the frame plate.

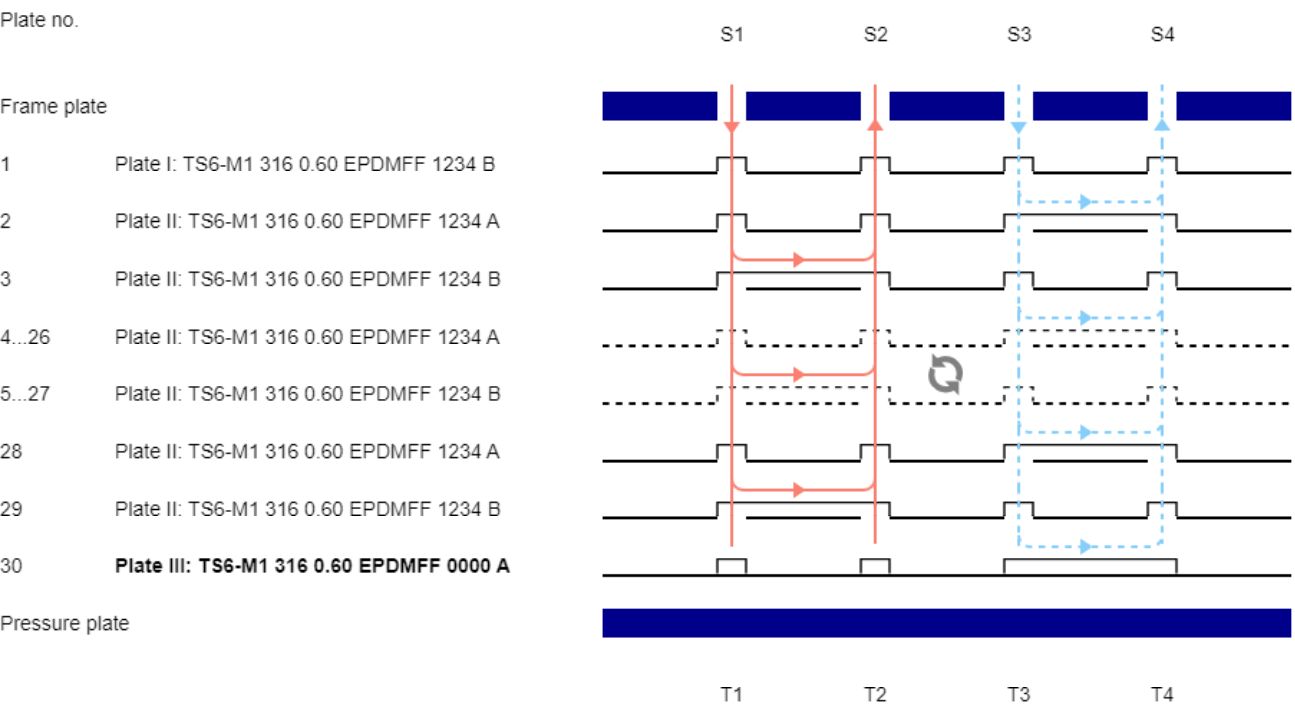


Plate hanging list



Gasketed Plate Heat Exchanger

Purchase order no: 3304528
Line no: 1
Item no: 4940748939
Serial no: AAM1072530 to AAM1072534

Plate and gasket summary

Complete plate	Module no	Article no	Qty	Qty/pl	Function / Name	Description
Plate I	MSI0003932	3350038772	1		End Plate 2	TS6-M1 316 0.60 1234, EPDMFF n/a Clip-on
	MV00001803	39000004-03		1	Metallic complete plate	TS6-M1 316 0.60 1234
	MV00002361	3900840446-26		1	Field with 4 rings	TS6-M EPDMFF n/a Clip-on
Plate II	MSI0003931	3350038771	28		Channel Plate	TS6-M1 316 0.60 1234, EPDMFF n/a Clip-on
	MV00001803	39000004-03		1	Metallic complete plate	TS6-M1 316 0.60 1234
	MV00001884	39005814-26		1	Field with 2 rings	TS6-M EPDMFF n/a Clip-on
Plate III	MSI0004514	3350039455	1		End Plate 1	TS6-M1 316 0.60 0000, EPDMFF n/a Clip-on
	MV00002662	39000018-16		1	Metallic complete plate	TS6-M1 316 0.60 0000
	MV00001884	39005814-26		1	Field with 2 rings	TS6-M EPDMFF n/a Clip-on

Total plates: 30

Total metallic complete plates: 30

Total gaskets: 30

Plate hanging list



Gasketed Plate Heat Exchanger

Purchase order no: 3304528
Line no: 1
Item no: 4940748939
Serial no: AAM1072530 to AAM1072534

Gasket summary

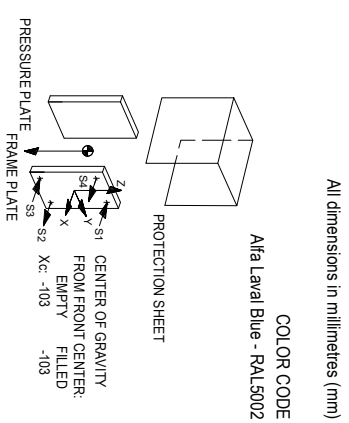
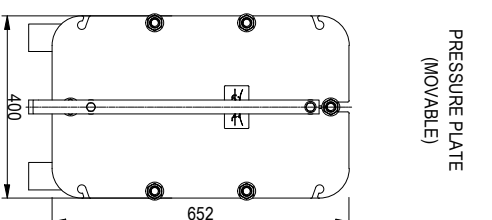
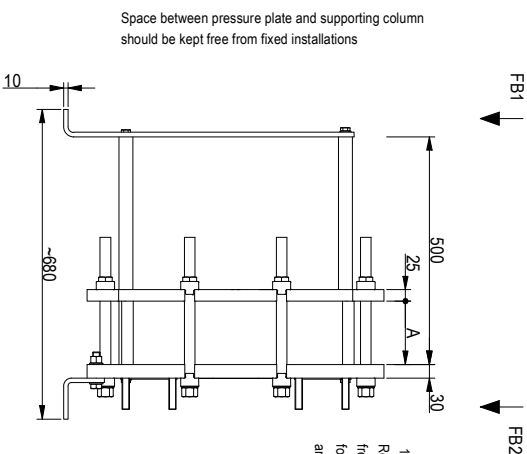
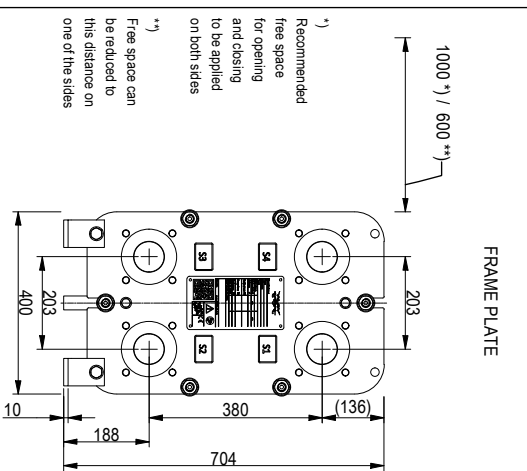
Module no	Article no	Qty	Function / Name	Description
MV00002361	3900840446-26	1	Field with 4 rings	TS6-M EPDMFF n/a Clip-on
MV00001884	39005814-26	29	Field with 2 rings	TS6-M EPDMFF n/a Clip-on
Total:		30		

Metallic complete plate summary

Module no	Article no	Qty	Description
MV00001803	39000004-03	29	TS6-M1 316 0.60 1234
MV00002662	39000018-16	1	TS6-M1 316 0.60 0000
Total:		30	

Complete summary table

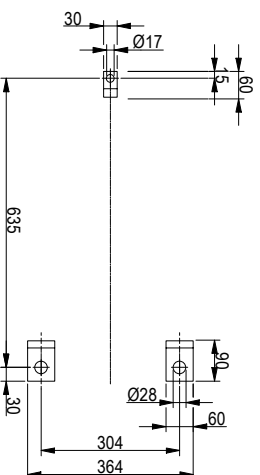
Complete plate	Module no	Article no	Qty	Function / Name	Description
Plate I	MSI0003932	3350038772	1	End Plate 2	TS6-M1 316 0.60 1234, EPDMFF n/a Clip-on
Plate II	MSI0003931	3350038771	28	Channel Plate	TS6-M1 316 0.60 1234, EPDMFF n/a Clip-on
Plate III	MSI0004514	3350039455	1	End Plate 1	TS6-M1 316 0.60 0000, EPDMFF n/a Clip-on
Total:			30		



Rec. foundation bolts, frame and pressure plate Bolt M16

Max. height above ground level 40 mm

Bolts not included



EN 1092-1 DN65 PN16

S1, S2, S3, S4

A.A.: METAL LINING ALLOY 316

Raised face

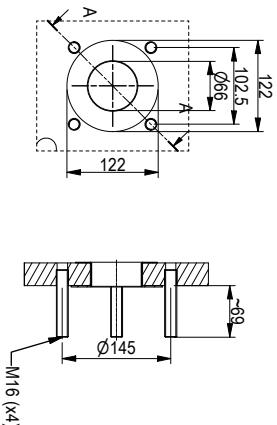


PLATE PACK TIGHTENING TO (A) 139 +0 / -2 mm

WEIGHTS

NET WEIGHT, EMPTY 154 kg

WEIGHT FULL OF WATER 168 kg

PLATE MATERIAL ALLOY 316

PLATE THICKNESS 0.6 mm

GASKET EPDM/F Clip-on

HEAT TRANSFER AREA 2.40 m²

CHANNEL ARRANGEMENT 1*14 L / 1*15 L

NO OF PLATES 30

EXTENSION CAPACITY (PLATES) 3% (!)

SELF-WEIGHT FORCE

FB1 716 N 248 N

FB2 789 N 1387 N

TIGHTENING BOLTS 6 x M20, L = 330

PRODUCT INFORMATION: <https://alfalaval.ai/Dibgg>



Customer: Sietsema Komponenten Service B.V.

Order No.: Q2602194

Sales company: Alfa Laval Benelux BV

Supplier: LUND SEP

Order No.: Q26-707635-10

Serial No.: AAM1072530 to AAM1072534

PRODUCTION DRAWING

GASKETED PLATE HEAT EXCHANGER

TS6-MFG

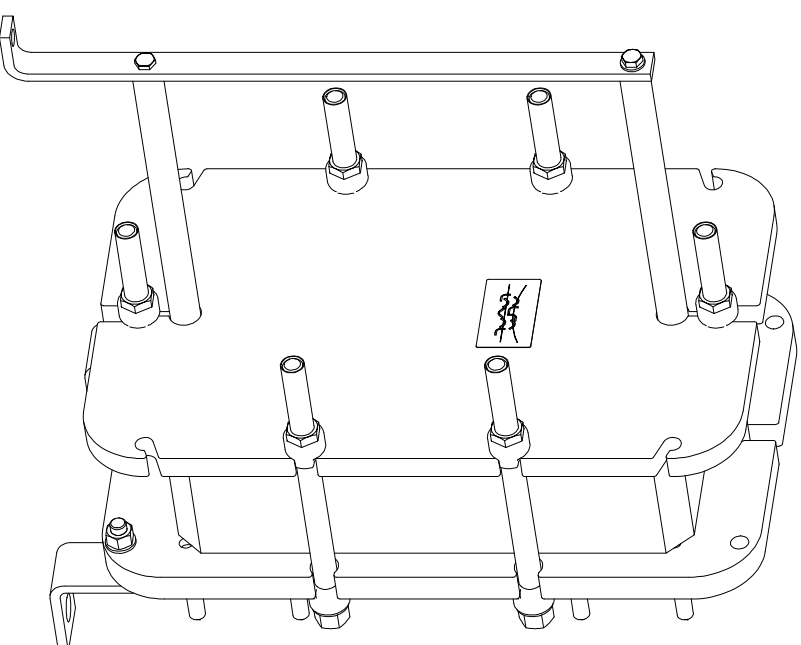
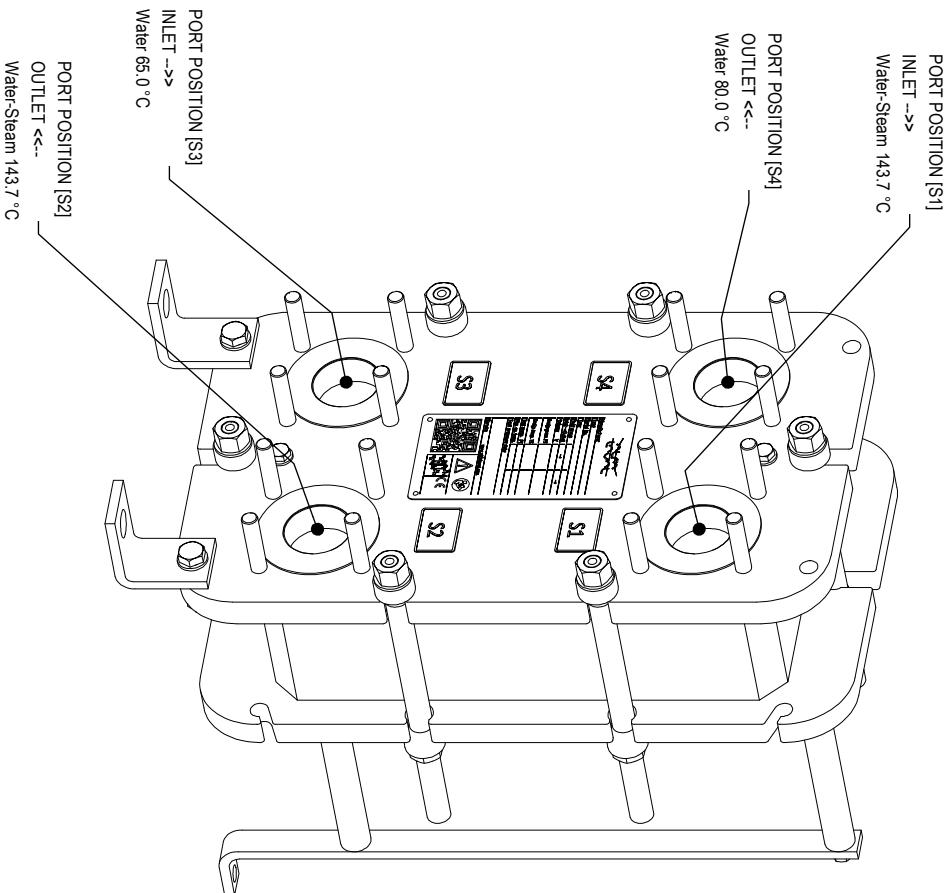
PED Category I



DATE: 2026-09-02

REVISION: 0

If no specific information is provided, the design corrosion allowance is set to 0 mm, and 500 full pressure cycles are permitted for the pressure-bearing parts.



HEAT EXCHANGER: 281.2 kW		FLUID CLASSIFICATION GROUP		NUMBER OF UNITS: 5		TEMP.		TEMP.		FLOW RATE		PRESS. DROP		LIQUID VOL.		DESIGN PRESSURE		DESIGN TEMPERATURE		TEST PRESSURE		OPERATING MAX. TEMP.	
SIDE	MEDIA			INLET	OUTLET	TEMP.	TEMP.	TEMP.	TEMP.							MAX.	MIN.	MAX.	MIN.				
1	Water-Steam	2	S1	143.7 °C	S2	143.7 °C	432 kg/h	0.1 kPa	6.67 dm³	10.0 bar	0.0 bar	180.0 °C	0.0 °C	14.4 bar	143.7 °C	10.0 bar	0.0 bar	180.0 °C	0.0 °C	14.4 bar	143.7 °C	14.4 bar	143.7 °C
2	Water	2	S3	80.0 °C	S4	80.0 °C	15000 kg/h	2.7 kPa	7.13 dm³	10.0 bar	0.0 bar	105.0 °C	0.0 °C	14.4 bar	80.0 °C	10.0 bar	0.0 bar	105.0 °C	0.0 °C	14.4 bar	80.0 °C	14.4 bar	80.0 °C

PRODUCT INFORMATION: <https://alfalav.alldbgg>



Customer: Siersema Komponenten Service B.V.

Order No.: Q2602194

Sales company: Alfa Laval Benelux BV

Supplier: LUND_SEP

Order No.: Q26-707635-10

Serial No.: AAM1072530 to AAM1072534

PRODUCTION DRAWING
GASKETED PLATE HEAT EXCHANGER
TS6-MFG
PED Category I



www.alfalaval.com

DATE: 2026-09-02
REVISION: 0