

# PARTS LIST

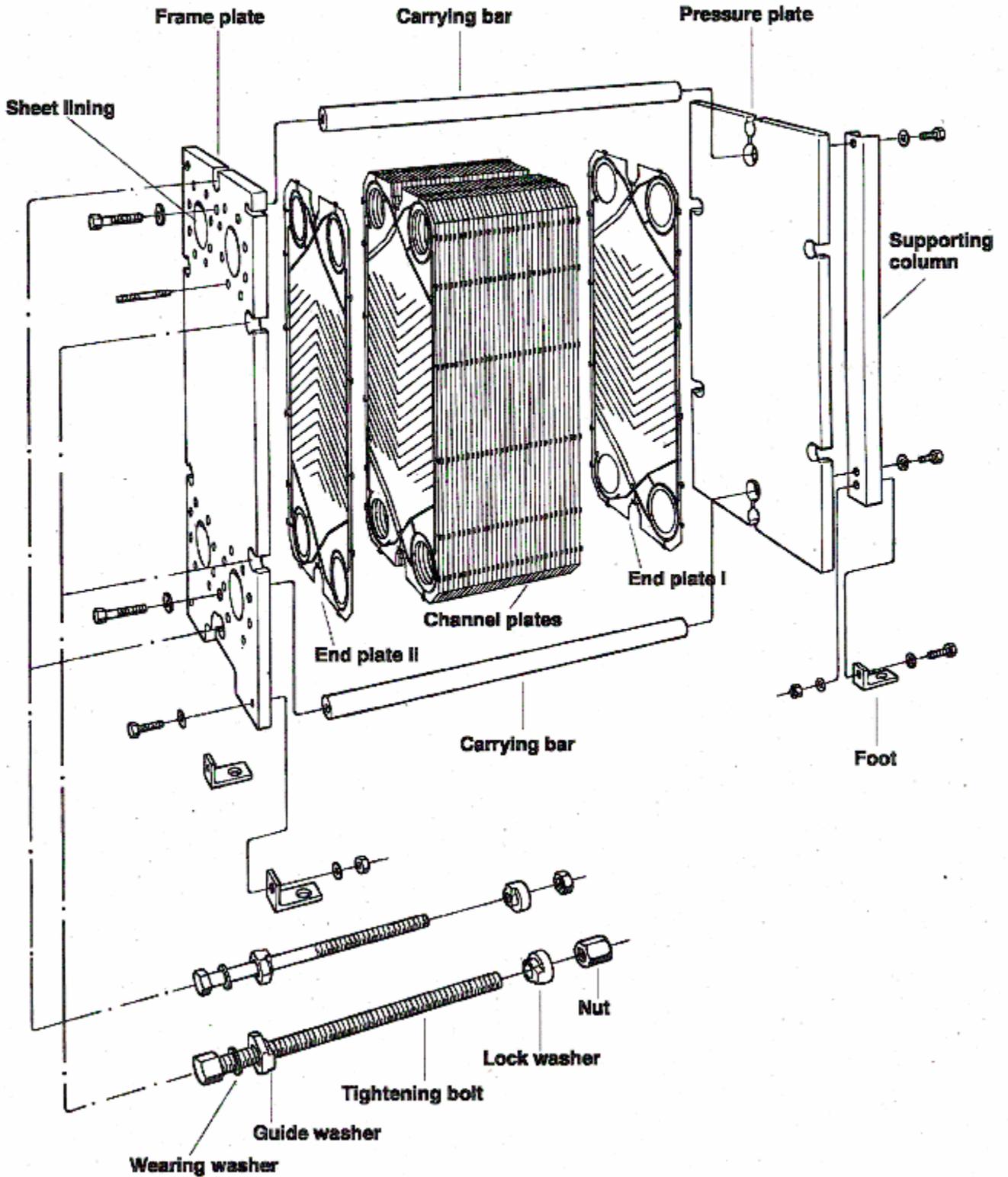


Unit type: **M10-BFM**

Block	Block description	Item no	Item description	Qty
367517 0483	END PLATE II	367517 0003	RAW PLATE	1
		3900840173 06	End Plate Gasket	1
39501453 76	END PLATE I	367517 0076	METALLIC COMPLETE	1
		39001756 07	Field Gasket	1
39510037 03	CHANNEL PLATE	367517 2003	RAW PLATE	109
		39001756 07	Field Gasket	109
M10 BFM FX01	FIXED ITEMS	221736 31	SCREW	2
		223101 52	WEARING WASHER	4
		260001 01	ISO 4017 - M20 X 40 - 8.8	2
		3490020412	INSTRUCTION MANUAL	1
M10 FM BA03	CARRYING BAR	32323 2044 3	L=900	2
M10 FM CF01	CONNECTION			4
M10 FM FO001	FOOT	2210462 10	ISO 4017 - M16 X 40 - 8.8	1
		2210462 32	ISO 4014 - M16 X 80 - 8.8	2
		221803 34	NUT	3
		32323 0069 1	FOOT	3
		70490	BRB 17 X 30 - 8,8	6
M10 FM FP19	FRAME PLATE	1621527 09	M10-FM,ALS	1
		1644184 01	M16,L=90	32
M10 FM NP158	NAME PLATE	1643835 03	"ALFA LAVAL", PLASTIC	1
		3350010477	Special	1
M10 FM PP48	PRESSURE PLATE	1621529 05	PRESSURE PLATE	1
M10 FM SC02	SUPPORTING COLUMN	32322 0030 3	ZINC COATED STEEL	1
M10 FM TB108	TIGHTENING BOLT	1995 101 082	M30,1203-38	4
		32239 1143 1	LOCK WASHER	6
		32239 1145 1	WEARING WASHER	6
		32324 2900 1	GUIDE WASHER	6
		3350026844	M6M,M30	6
		3350027073	M30,L=721,Staked	6
M10 FM YP03	PACKING	32900195 03	Side,L=900	1
		32900196 01	Lid,L=1144	1
		82300257 01	Pallet, lying,L=1250	1



# M10-BFM/MFM -BFMA



**Alfa Laval, Plate Heat Exchanger  
Channel Plate Installation Description**

2020-07-01

Customer: Doedijns Fluid Industry NV/SA      SU Order No: Q20-84264-10  
 Model : M10-BFM      Serial No: 30125-18876  
 Customer PO: CDF20-0466

Plate material and Thickness: ALLOY 316 0.4 mm

A Dimension: 328 mm

	<b>Hot side</b>	<b>Cold side</b>
Grouping:	1*55H	1*55H
Sealing material:	NBRB Clip-on	NBRB Clip-on
Port Locations:	S1->S2	S3->S4

Connection material: Unlined      Unlined

Port hole with flow on the gasketed side: U

Port hole sealed with O-ring: O

Plates are assembled with the gasket side facing the frame plate.

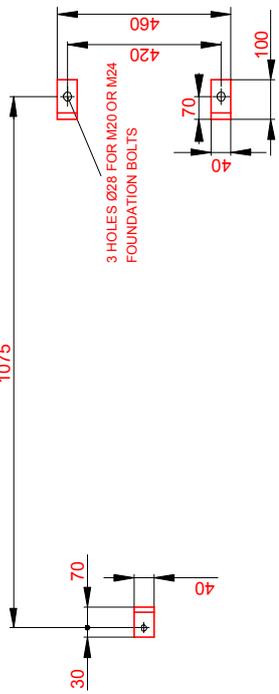
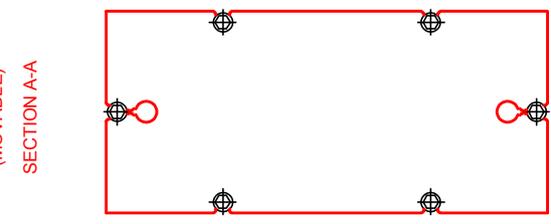
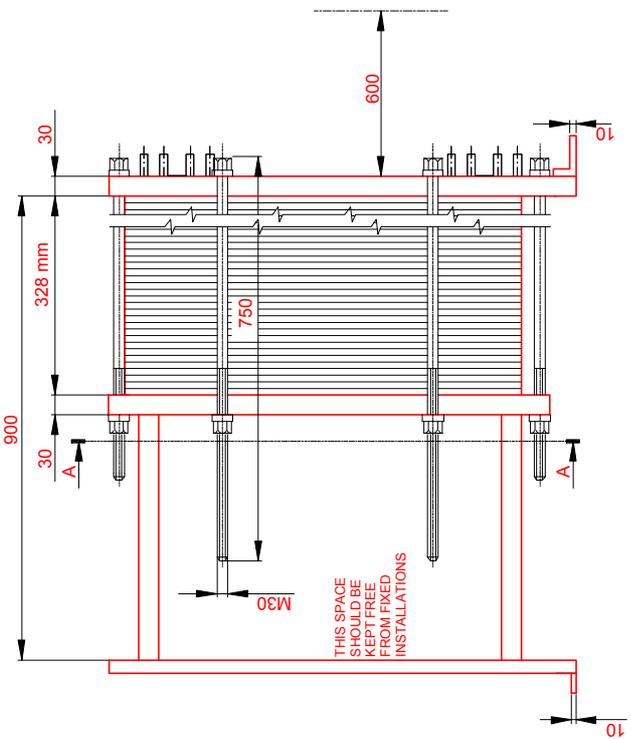
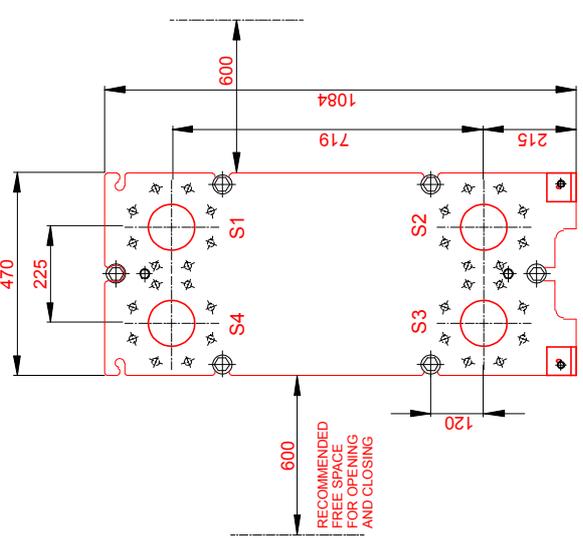
Plate no.	Plate code no.	Plate Pattern	Punched corner of the plate				Flow direction on the gasket side of the plate
			upper left	lower left	lower right	upper right	
			S1	S2	S3	S4	
FRAME PLATE			=>=	=<=	=<=	=>=	
1	367517 0483	M10 B2 A	O	O	O	O	
2	39510037 03	M10 B2 B	U --->--	U	O	O	Down
3	39510037 03	M10 B2 A	O	O	U --->--	U	Up
4	39510037 03	M10 B2 B	U --->--	U	O	O	Down
5	39510037 03	M10 B2 A	O	O	U --->--	U	Up
6,	8, ..., 104	39510037 03	M10 B2	B			
7,	9, ..., 105	39510037 03	M10 B2	A			
106	39510037 03	M10 B2 B	U --->--	U	O	O	Down
107	39510037 03	M10 B2 A	O	O	U --->--	U	Up
108	39510037 03	M10 B2 B	U --->--	U	O	O	Down
109	39510037 03	M10 B2 A	O	O	U --->--	U	Up
110	39510037 03	M10 B2 B	U --->--	U	O	O	Down
111	39501453 76	M10 B2 A			--->--		Up
PRESSURE PLATE							
			T1	T2	T3	T4	

Article No:	Quantity:
367517 0483	1
39510037 03	109
39501453 76	1

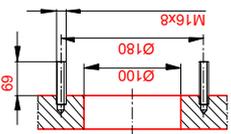
2223 N FOUNDATION LOADS 3712 N

FRAME PLATE (FIXED)

PRESSURE PLATE (MOVABLE)



EN 1092-1 DN100 PN10 UNLINED S1, S2, S3, S4



REMARKS:	SIDE 1	SIDE 2	HEAT LOAD	722 kW
TEST PRESSURE	13 bar	13 bar	GASKET	NBRB Clip-on
DESIGN PRESSURE	10 bar	10 bar	PLATE MATERIAL	ALLOY 316
MIN DESIGN PRESSURE	0 bar	0 bar	PLATE THICKNESS	0.4 mm
MAX TEMPERATURE	60 °C	60 °C	HEATING SURFACE	26.2 m <sup>2</sup>
MIN TEMPERATURE	0 °C	0 °C	PLATE GROUPING	1*55H/1*55H
NETWEIGHT	402 kg		WEIGHT WITH WATER	476 kg

TOTAL LENGTH	1135
TOTAL WIDTH	470
TOTAL HEIGHT	1084

SIDE	MEDIA	F.D.G.	INLET	TEMP.	OUTLET	TEMP.	FLOW RATE	PRESSURE DROP	LIQUID VOL.
1	Water	2	S1	45 °C	S2	30 °C	40 m <sup>3</sup> /h	16.2 kPa	36,8 l
2	Water	2	S3	26 °C	S4	36.4 °C	60 m <sup>3</sup> /h	35.2 kPa	36,8 l

ALL DIMENSIONS IN MILLIMETERS

SUPPLIER	REF.	ITEM NO.
LUND_SEP	Q20-84264-10	
AGENT / REF.		
2369028		
CUSTOMER NAME / REF. NO.		
Doedijns Fluid Industry NV/SA / CDF20-0466		
SIGN.	RISK CATEGORY	
753457	Article 4.3	

PLATE HEAT EXCHANGER

# M10-BFM

PED

SERIAL NUMBER	
30125-18876	
DATE	REV NO.
2020-07-01	0