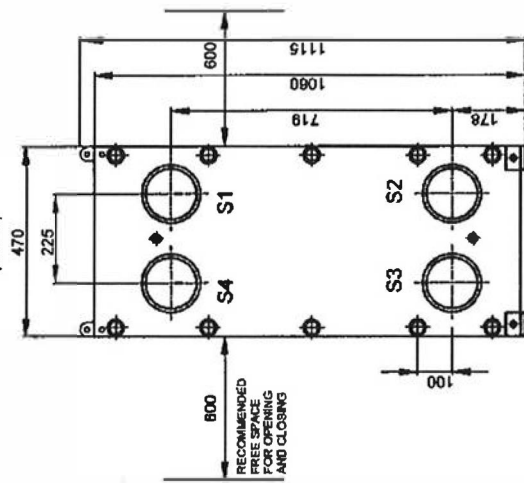
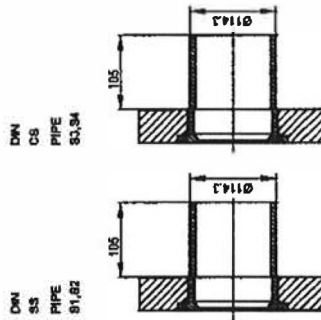
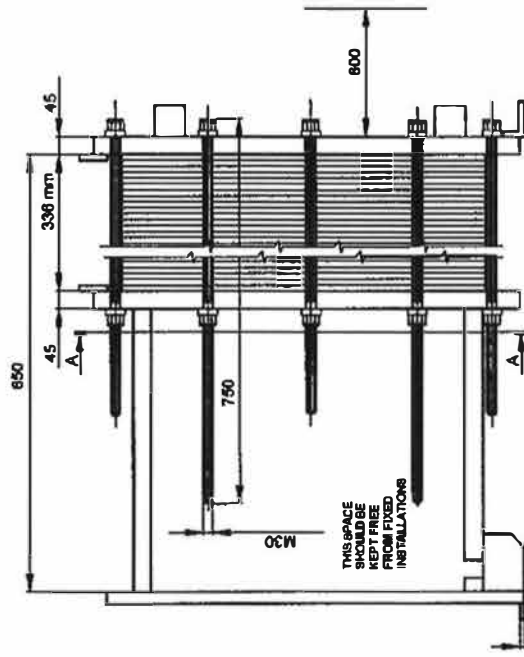
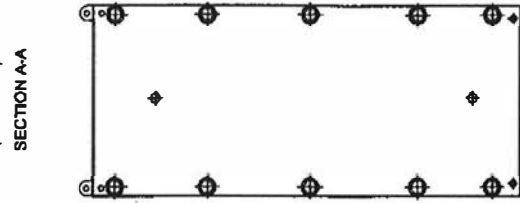


3108 N FOUNDATION LOADS 4087 N V

FRAME PLATE (FIXED)



PRESSURE PLATE (MOVABLE) SECTION A-A



REMARKS:	SIDE 1	SIDE 2	HEAT EXCHANGED GASKET	300 kW NBRP/CR CLIP-ON
TEST PRESSURE	35,8 bar	22,9 bar	PLATE MATERIAL	ALLOY 304
DESIGN PRESSURE	25 bar	16 bar	PLATE THICKNESS	0.60 mm
MIN DESIGN PRESSURE	-1 bar	-1 bar	HEATING SURFACE	28.4 m <sup>2</sup>
MAX TEMPERATURE	100 °C	60 °C	PLATE GROUPING	1*55HW1*56HG
MIN TEMPERATURE	0 °C	0 °C	WEIGHT WITH WATER	630 kg
NETWEIGHT	560 kg			

TOTAL LENGTH 905  
TOTAL WIDTH 470  
TOTAL HEIGHT 1115

SIDE	MEDIA	F.D.G.	INLET	TEMP.	OUTLET	TEMP.	FLOW RATE	PRESSURE DROP	LIQUID VOL.
1	Ammonia	1	S4	80.0 °C	S3	27.0 °C	826.4 kg/h	0.3910 kPa	35.7 l
2	40.0% Prop.glycol	2	S2	20.0 °C	S1	25.0 °C	57100 kg/h	37.83 kPa	38.3 l

ALL DIMENSIONS IN MILLIMETERS

ITEM NO.

PLATE HEAT EXCHANGER

**M10-BWREF**

SERIAL NUMBER  
30106-48610  
DATE  
2011-08-13  
REV NO. 0

RISK CATEGORY  
3

PED

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

2011-06-13

Customer:  
Model :

Plate material and Thickness: ALLOY 304 0.60 mm

A Dimension: 336 mm

	<b>Hot side</b>	<b>Cold side</b>
Grouping:	1*55HW	1*56HG
Sealing material:	CR CLIP-ON	NBRP CLIP-ON
Port Locations:	S4 -> S3	S2 -> S1

Connection material: Carbon steel Stainless steel

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 pressure 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	
				=<=	=>=	=>=	=<=	
1	39500449 63	M10 BW-REF	A	U --<--	U	O	O	Up
	W	M10 BW4		O	O	U --<--	U	Down
2	379907 8003	M10 BW4	A	U --<--	U	O	O	Up
	W	M10 BW4		O	O	U --<--	U	Down
3	379907 8003	M10 BW4	A	U --<--	U	O	O	Up
4,	5, ..., 54	379907 8003	M10 BW4	A				
	W	M10 BW4		O	O	U --<--	U	Down
55	379907 8003	M10 BW4	A	U --<--	U	O	O	Up
	W	M10 BW4		O	O	U --<--	U	Down
56	379907 8003	M10 BW4	A	U --<--	U	O	O	Up
57	39500449 96	M10 BW-REF	B					
		PRESSURE PLATE		T1	T2	T3	T4	

Article No:	Quantity:
39500449 63	1
379907 8003	55
39500449 96	1

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57

# PARTS LIST



Unit type: **M10-BWREF**

Sidan 1 av 2

Block	Block description	Item no	Item description	Qty
379907 8003	CASSETTE	32330 1614 6	Field Gasket	55
		32330 1619 5	Ring Gasket Field/End Plate	110
		32330 8407 1	ADHESIVE TRANSFER TAPE	1
		377020 0003	RAW CASSETTE	55
39500449 63	END PLATE I	1641057 01	Ring Gasket	2
		1641059 03	CR 3032-79	2
		32330 1614 6	Field Gasket	1
		32330 1619 5	Ring Gasket Field/End Plate	2
		39000678 03	RAW PLATE	1
39500449 96	END PLATE 2	39000678 16	RAW PLATE	1
		M10 REF BA11	BARS	1644919 02
M10 REF CF07	L=150-CARBON STEEL	32323 2044 2	L=650	1
		1642589 01	CARBON STEEL	2
M10 REF CF08	L=150-STAINLESS STEEL	1642589 02	STAINLESS STEEL	2
M10 REF FP01	FRAME PLATE	1640713 01	S1,S2,S3,S4	1
M10 REF FX01		1640140 14	MOUNT.DETAILS M10-REF	1
M10 REF MI20	MISCELLANEOUS	1644725 01	INSTRUCTION MANUAL T2, M3, T5,	1
		1641152 01	M10-REF	2
		1641605 01	HOSE CLAMP	2
M10 REF NP20	NAME PLATE	31801 2720 1	VALVE	2
		1639001 01	ENGLISH TEXT, SS, CE-MARK	1
		1643835 03	"ALFA LAVAL", PLASTIC	1
M10 REF NP49	AMMONIA IN - OUT-ENGLISH,GERMA	66169	DRIVE SCREW	4
		1629044 03	AMMONIA IN	1
M10 REF NP52	GLYCOL IN - OUT-ENGLISH,GERMAN	1629044 04	AMMONIA OUT	1
		1629044 09	GLYCOL IN	1
M10 REF PP01	PRESSURE PLATE	1629044 10	GLYCOL OUT	1
		1640720 01	BLANK	1
M10 REF SC01	SUPPORTING COLUMN	1641219 01	L=985	1
M10 REF TB02	L=750 , M30 TEMPERATURE RANGE	1995 101 082	PLASTIC TUBE	10
		32239 1143 1	LOOK WASHER	10
M10 REF YP02	PACKEGING TYPE	32239 1145 1	WEARING WASHER	10
		32324 1102 2	L=750	10
		32324 2003 1	M30, 8/2H	10
		32324 2900 1	GUIDE WASHER	10
		32900225 02	LC=650 / PLYW.	1
ZC02	CERTIFICATES			1
ZI10	INSPECTION			1
ZO80	DRYING			1
ZO81	N2 FILLING			1
ZO82	HELIUM TESTING			1



# M10-BWREF

