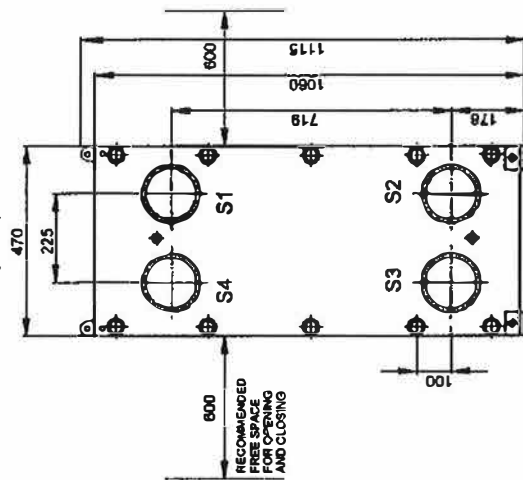
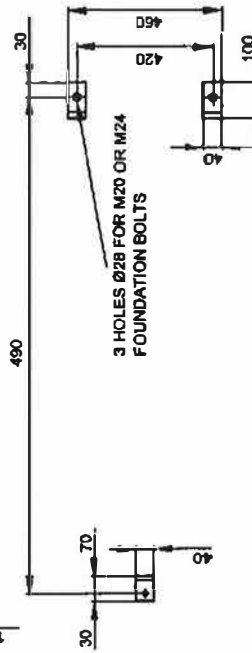
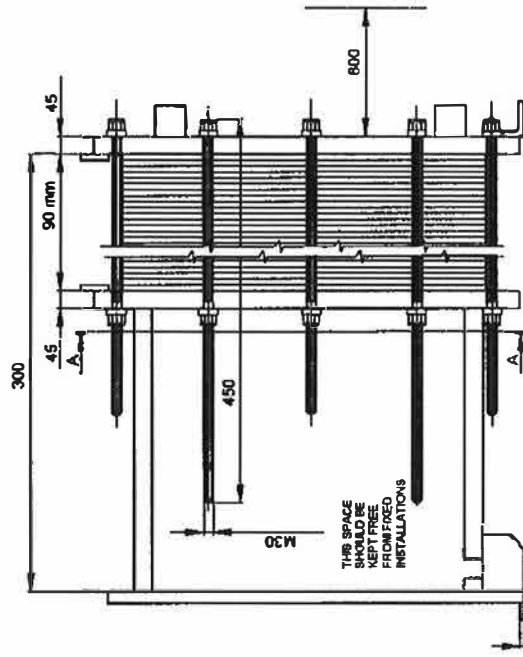
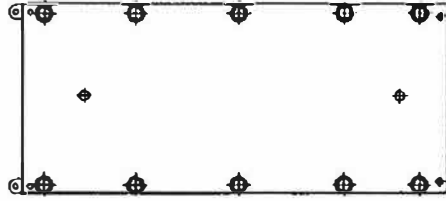


2171 N FOUNDATION LOADS 3009 N V

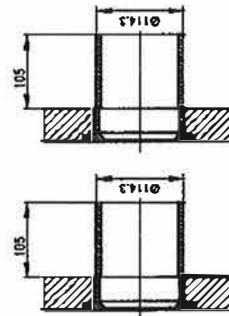
FRAME PLATE (FIXED)



PRESSURE PLATE (MOVABLE)
SECTION A-A



DIN 65 CS PIPE S1,S2
DIN 65 CS PIPE S3,S4



REMARKS:	SIDE 1	SIDE 2
TEST PRESSURE	35,8 bar	22,9 bar
DESIGN PRESSURE	25 bar	16 bar
MIN DESIGN PRESSURE	-1 bar	-1 bar
MAX TEMPERATURE	100 °C	60 °C
MIN TEMPERATURE	0 °C	0 °C
NETWEIGHT	413 kg	

HEAT EXCHANGED GASKET
 PLATE MATERIAL
 PLATE THICKNESS
 HEATING SURFACE
 PLATE GROUPING
 WEIGHT WITH WATER

75 kW
 NBRP/CR CLIP-ON
 ALLOY 304
 0.60 mm
 6.7 m²
 1*14HW1*15HG
 431 kg



TOTAL LENGTH 565
 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	25.0 °C	204.5 kg/h	0.4460 kPa	9.82 l
2	40.0% Prop. glycol	2	S2	10.0 °C	S1	23.0 °C	5506 kg/h	6.263 kPa	10.45 l

ALL DIMENSIONS IN MILLIMETERS

SUPPLIER	REF.	ITEM NO.
AGENT / REF.		
4098781		
SIGN. HWP		RISK CATEGORY 3

PLATE HEAT EXCHANGER

M10-BWREF

PED

SERIAL NUMBER 30106-48611	
DATE 2011-06-13	REV NO. 0

**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: 90 mm

	Hot side	Cold side
Grouping:	1*14HW	1*15HG
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	O	Up
	W	M10 BW4		O	O	U --< U	U	Down
2	379907 8003	M10 BW4	A	U --< U	O	O	O	Up
	W	M10 BW4		O	O	U --< U	U	Down
3	379907 8003	M10 BW4	A	U --< U	O	O	O	Up
4,	5, ..., 13	379907 8003	M10 BW4	A				
	W	M10 BW4		O	O	U --< U	U	Down
14	379907 8003	M10 BW4	A	U --< U	O	O	O	Up
	W	M10 BW4		O	O	U --< U	U	Down
15	379907 8003	M10 BW4	A	U --< U	O	O	O	Up
16	39500449 96	M10 BW-REF	B					
		PRESSURE PLATE		T1	T2	T3	T4	

Article No:	Quantity:
39500449 63	1
379907 8003	14
39500449 96	1

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	14
		32330 1619 5	Ring Gasket Field/End Plate	28
		32330 8407 1	ADHESIVE TRANSFER TAPE	1
		377020 0003	RAW CASSETTE	14
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
		39000678 16	RAW PLATE	1
39500449 96	END PLATE 2	39000678 16	RAW PLATE	1
M10 REF BA10	BARS	1644919 01	LC=300	1
		32323 2044 10	L=300	1
M10 REF CF07	L=150~CARBON STEEL	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
		1644725 01	INSTRUCTION MANUAL T2, M3, T5,	1
M10 REF MI20	MISCELLANEOUS	1641152 01	M10-REF	2
		1641605 01	HOSE CLAMP	2
		31801 2720 1	VALVE	2
		1639001 01	ENGLISH TEXT, SS, CE-MARK	1
M10 REF NP20	NAME PLATE	1643835 03	"ALFA LAVAL", PLASTIC	1
		66169	DRIVE SCREW	4
M10 REF NP49	AMMONIA IN - OUT~ENGLISH,GERMA	1629044 03	AMMONIA IN	1
		1629044 04	AMMONIA OUT	1
M10 REF NP52	GLYCOL IN - OUT~ENGLISH,GERMAN	1629044 09	GLYCOL IN	1
		1629044 10	GLYCOL OUT	1
M10 REF PP01	PRESSURE PLATE	1640720 01	BLANK	1
M10 REF SC01	SUPPORTING COLUMN	1641219 01	L=985	1
M10 REF TB01	L=450 , M30 TEMPERATURE RANGE	1995 101 082	PLASTIC TUBE	10
		32239 1143 1	LOOK WASHER	10
		32239 1145 1	WEARING WASHER	10
		32324 1102 1	L=450	10
		32324 2003 1	M30, 8/2H	10
		32324 2900 1	GUIDE WASHER	10
		32900225 01	LC=500 / PLYW.	1
M10 REF YP01	PACKEGING TYPE			
ZC02	CERTIFICATES			1
ZI10	INSPECTION			1
ZO80	DRYING			1
ZO81	N2 FILLING			1
ZO82	HELIUM TESTING			1



M10-BWREF

