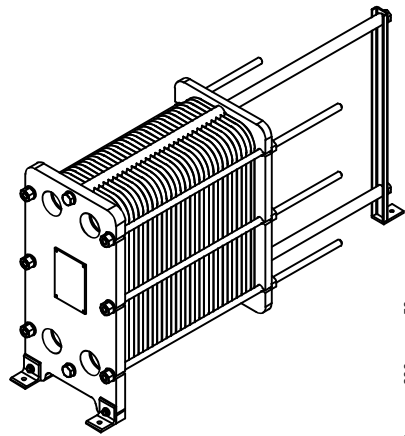
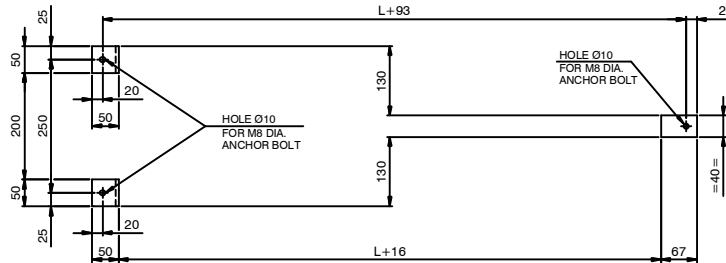
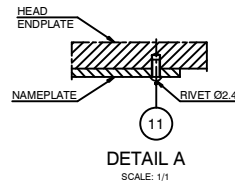
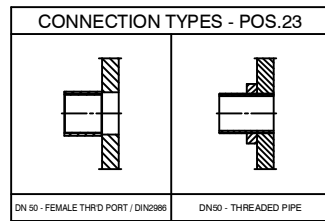
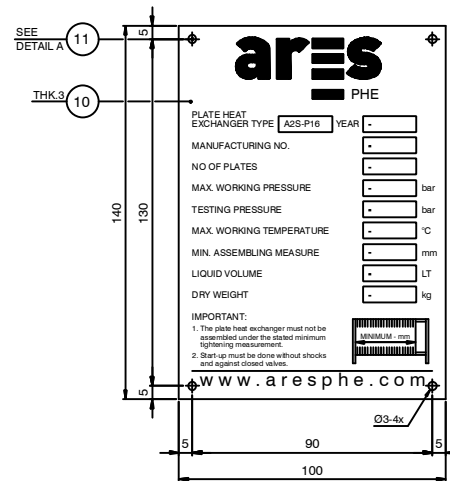




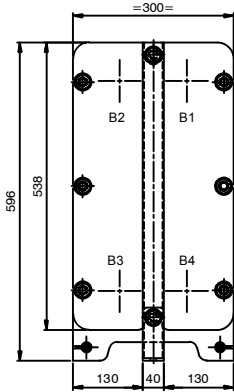
ISO VIEW



FOUNDATION PLAN

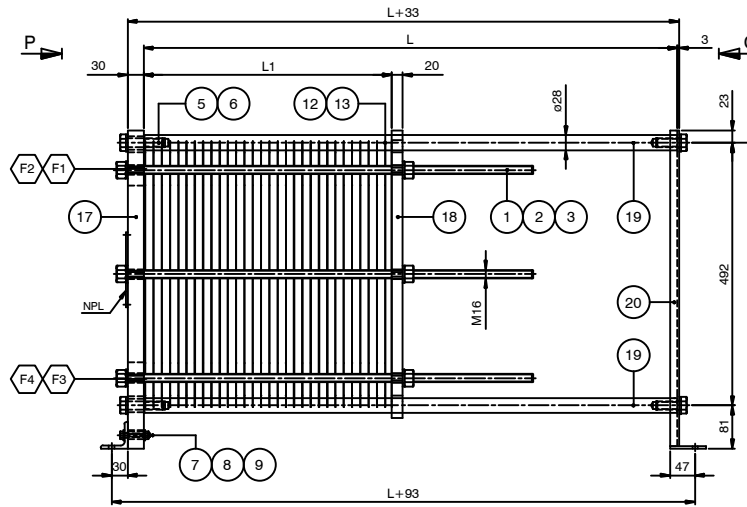


DETAIL NAMEPLATE



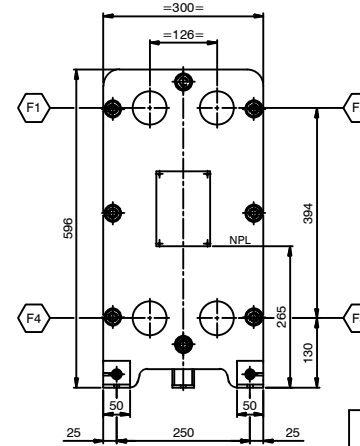
VIEW Q

SCALE: 1/5



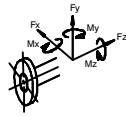
ELEVATION

SCALE: 1/5



VIEW P

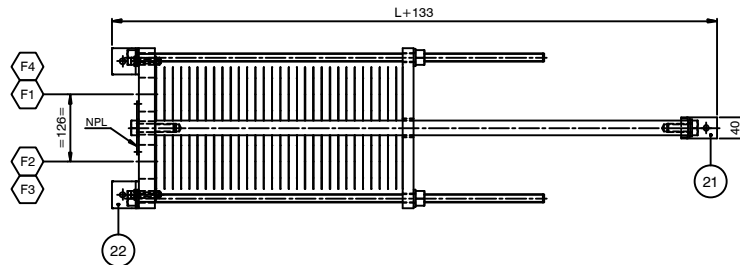
SCALE: 1/5



MAX. ALLOWABLE FORCES AND MOMENTS ON NOZZLES						
NOZZLE	Forces (N)			Moments (Nm)		
	Longitud. Fx	Circum. Fy	Axial Fz	Longitud. Mx	Circum. My	Torsional Mz
F1, F2, F3, F4	199	199	199	75	75	75

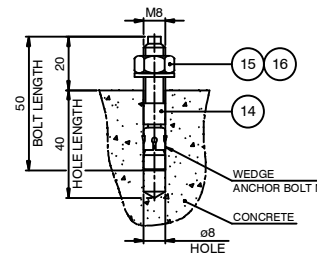
NOZZLE LOADS ACCORDING TO API 662, TABLE 1

FOUNDATION LOADS		
	FRONT SIDE (N)	REAR SIDE (N)
DEAD LOAD (DL)	1517.5	561.5
OPERATING LOAD (DL + NOZZLE LOAD)	2825.9	1073.9



TOP VIEW

SCALE: 1/5



DETAIL ANCHOR BOLT

SCALE: 1/1

DESIGN DATA

DESIGN ACC. TO	AD 2000 - Merkblatt / PED 97/23/EG	
MEDIUM	-	
CATEGORY	SEP	
OPERATING DATA	HOT SIDE	COLD SIDE
PRODUCT	-	-
TEST PRESSURE (AD2000 / PED)	Barg	- / -
MIN. / MAX. ALL. PRESSURE (PS)	Barg	- / -
MIN. / MAX. ALL. TEMPERATURE (TS)	°C	- / -
CONTENT (V)	L	-
HE-SURFACE	m²	-
WEIGHT NETTO	kg	-
INLET TEMPERATURE	°C	-
OUTLET TEMPERATURE	°C	-

LENGTH OF PACK	a _{max} = L1
	a _{min} = L1
LENGTH OF CARRY BAR	b = L

NOZZLE CONNECTIONS

POS	DIR	MEDIA	TYPE	
F1	IN	HOT SIDE	-	50
F2	OUT	COLD SIDE	-	50
F3	IN	COLD SIDE	-	50
F4	OUT	HOT SIDE	-	50

REFERENCE DRAWINGS & DOCUMENTS

DESCRIPTION	ARES PHE DRAWING
DETAILS	A2S-10016-02
CALCULATION	A2S-10016-00-CAL

GENERAL NOTES

- ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE STATED
- FLANGE BOLT HOLES STRADDLE CENTERLINES
- NOZZLE FLANGE FACES SMOOTH FINISH 3.2-6.4 um Ra
- ROUGHNESS OF GASKETS SURFACE SHALL BE Ra 3.2...6.3 um MAX, UNLESS NOTED OTHERWISE

23	4	NOZZLE CONNECTION	-	-	-	3.1
22	2	ANGLE	L50x50x6 L=50	S235JR	-	-
21	1	BASE PLATE	67x40x5	S235JR	-	-
20	1	SUPPORT COLUMN	591x68x3	S235JR	-	-
19	2	CARRY/GUIDE BAR	Ø28	S235JR	-	-
18	1	FOLLOWER ENDPLATE	538x300x20	S355J2G3	-	3.1
17	1	HEAD ENDPLATE	596x300x30	S355J2G3	-	3.1
16	3	FLAT WASHER	M8	CS	-	-
15	3	NUT	M8	.B	-	-
14	3	WEDGE ANCH. BOLT	M8 L=50	8.8	-	-
13	-	GASKET	-	-	-	-
12	-	HE PLATE	-	-	-	3.1
11	4	RIVET	Ø2.4 L=8	SS	-	-
10	1	NAMEPLATE ARES	140x100x3	SS	-	-
9	4	WASHER	M8	CS	-	-
8	2	HEX NUT	M8	.B	-	-
7	2	BOLT	M8x50	8.8	-	-
6	2	BOLT	M16x70	8.8	-	-
5	4	WASHER	M16	CS	-	-
4	2	BOLT	M16x45	8.8	-	-
3	12	WASHER	M16	CS	-	-
2	12	HEX NUT	M16	.B	-	-
1	6	DOUBLE-END STUD	M16	8.8	-	3.1

PART LIST

Designed by	Date	Approved by	Date	Rev. no.	Revision Text	Format	Scale
ARES		ARES		0	FOR APPROVAL	A1	1:5+VAR.
Description:				Rev. date	Rev. by	Drawing no.	Sheet
PHE MODEL: A2S PN16 L=100 + 1000 MM GENERAL ARRANGEMENT				18-06-12	HE	A2S-10016-01	1 OF 1