

Rev.	Data/Date	Descrizione/Description	Dis/Dwr	Contr/Ckd	Appr/Apr
0	26/06/2023	First emission	Cardia M.	Arseni P.	Roveta M.
1	21/07/2023	Revision following comments	Cardia M.	Arseni P.	Roveta M.
2	31/07/2023	Revision following comments	Cardia M.	Arseni P.	Roveta M.

DATI DI PROGETTO - DESIGN DATA

CORPO PRINCIPALE Main body	
Pressione di progetto Ps Design pressure	[bar] 16
Pressione di esercizio Operating pressure	[bar] 0.5
Pressione di prova idraulica Hydraulic test pressure	[bar] 22.9
Temperatura di progetto Design temperature	[°C] -196 ; +65
Temperatura di esercizio Operating temperature	[°C] -166.5
Fluido - fluid Stato fisico - physic state	[-] NG gas
Perdite di carico Pressure drop	[mbar] <100
Capacità massima Volume	[dm³] 34
Peso a vuoto Empty weight	[kg] 190
NORME CODE	EN13445 + PED 2014/68/EU
CATEGORIA GIUNTI SALDATI WELDING JOINT EFFICIENCY	3
ENTE ISPETTORE NOTIFIED BODY	TÜV0948
CLASSE APPARECCHIO CLASS OF EQUIPMENT	III
SPECIFICA DI SALDATURA WELDING SPECIFICATION	N°MATRICOLA SERIAL NUMBER 23099
CE MARKING ACCORDING TO PED: Required.	

Criotec Chivasso (TO) - ITALY
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CRYOGENIC AND HIGH VACUUM TECHNOLOGIES

CE
TUV 0948

AUSRÜSTUNGSTYP
EQUIPMENT TYPE: E7002 (VMP300D)

MONAT/JAHR
MONTH/YEAR: [] []

MATR. NO.
SERIAL NUM.: 23099

FLOSSIGKEIT
FLUID: LNG PED Gr. 1 SCOPE Nm³/h 200

AUSLEGUNGSDRUCK (PS)
PRESSURE DESIGN: bar 16

PRÜFDRUCK (PT)
TEST PRESSURE: bar 22.9

AUSLEGUNGSTEMPERATUR (TS)
TEMPERATURE DESIGN: °C -196/+65

VOLUME it. 34 TARA Kg. 190 PSV Satz /

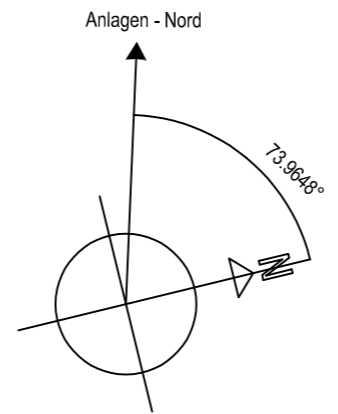
TOLLERANZE / Tolerances
DOVE NON DIVERSAMENTE INDICATO / Unless otherwise specified

- LA TOLLERANZA SULLE DIMENSIONI ANGOLARI E' ± 2° (RILEVABILI TRAMITE MISURA DELLE COORDINATE LINEARI)
- The angular tolerance is ± 2° (measurable by means linear coordinates)
- LA TOLLERANZA SULLE DIMENSIONI LINEARI E' ± 3mm PER METRO CON MASSIMO DI ± 25mm
- The linear tolerance is ± 3mm per meter up to ± 25mm maximum

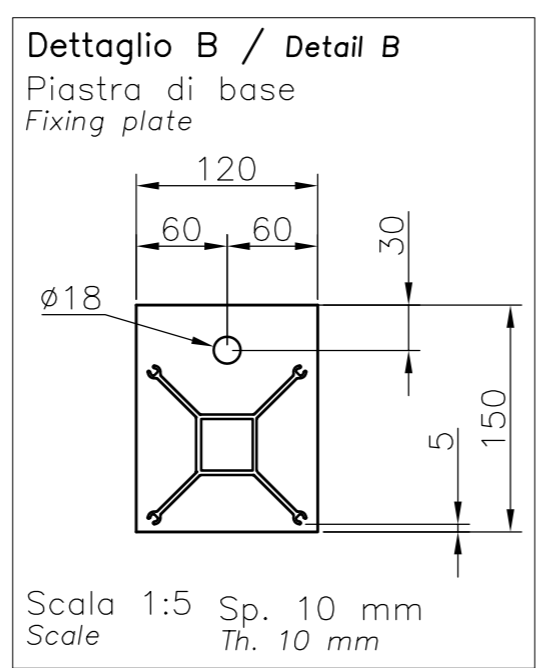
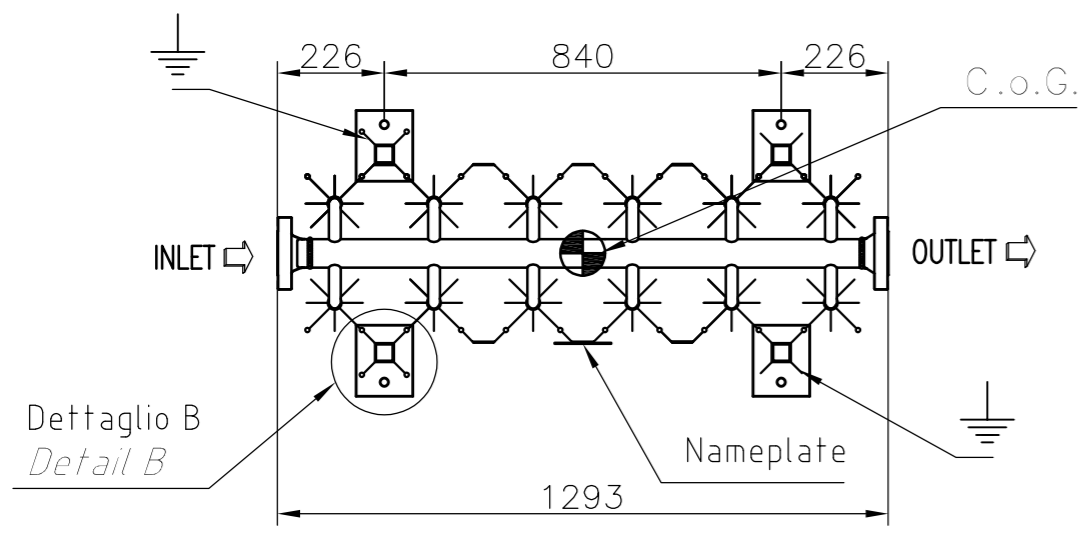
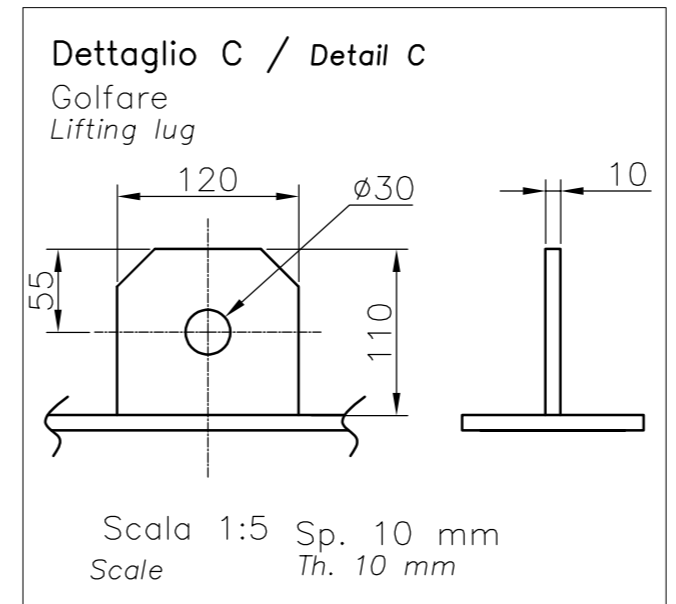
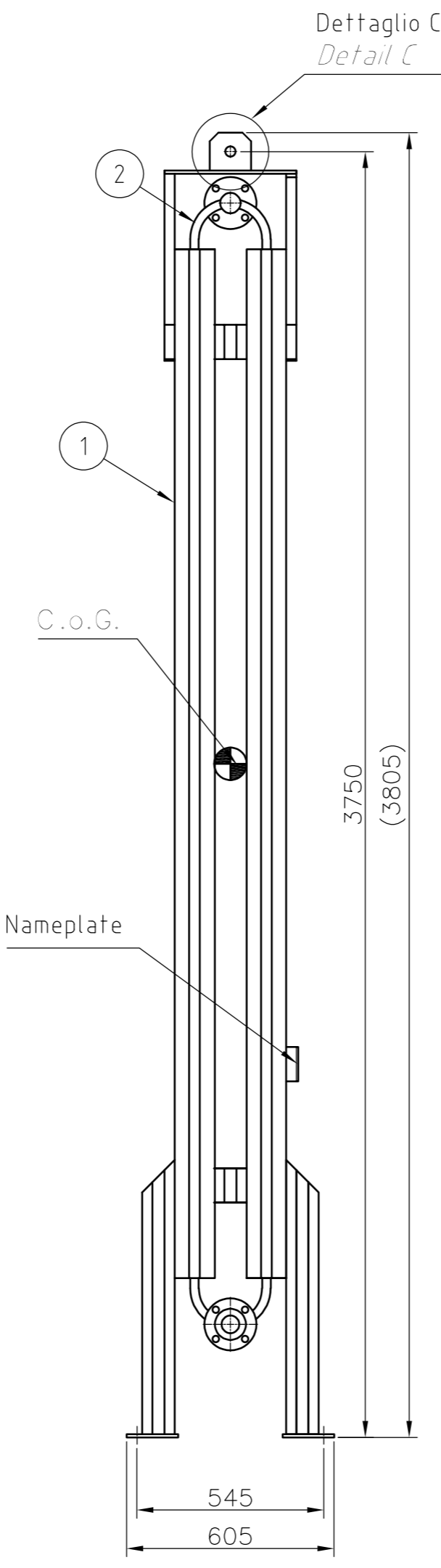
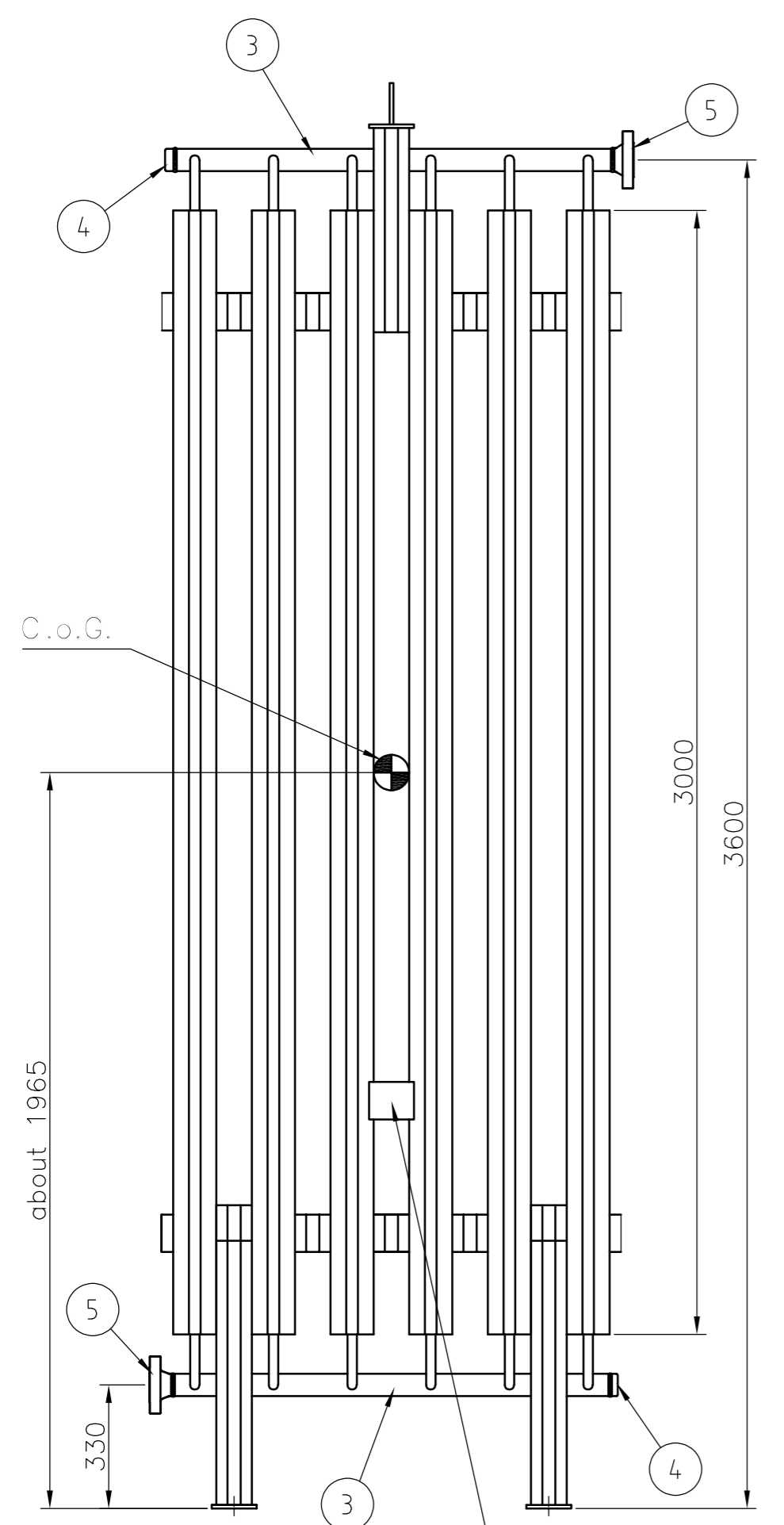
Nozzles list

Item	ND	Rating	Service
INLET	2"	#150 RF (*)	LIQUID FLUID INLET
OUTLET	2"	#150 RF (*)	GAS FLUID OUTLET

(*) FLANGE COMPATIBLE WITH STANDARD ANSI 16.5



- Notes:
- Flange holes straddling axles;
 - Foundation bolts not included in scope of supply;
 - Commissioning spare parts included in scope of supply;
 - No. 2 grounding for each item;
 - All dimensions in millimeters, unless otherwise indicated.



Bill of materials

Ref.	Description	Q.ty	Material
5	Flange 2" #150 WN RF	2	EN AW 6082/6061 T6
4	Cap Ø60	2	EN AW 6082 T6
3	Tube Ø60x5 - 6 holes on 2 axes	2	EN AW 6060/6063 T4
2	Elbow	12	EN AW 5754 H111
1	Extruded finned pipe L=3000 mm	12	EN AW 6060/6063 T4

Projektnummer OGE	Maßnahmenbezeichnung OGE
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SIAD MI Tag No.	E7002	SIAD MACCHINE IMPIANTI S.P.A.
SIAD MI Project No.	L43374	
SIAD MI Project Name	LNG 140 TDP	SIAD MI Dwg No.
TITOLO / Title E7002 - VMP300D		
IMPIANTO o ASSEMBL / Plant or Assembly LNG drain vaporizer: VMP300D		MATERIALE / Material EN AW 6060/6063 T4
QTA' / Qty 1		PESO / Weight 190 kg
CLIENTE / Client SIAD MI		COMMESSA / Job 5619
DISEGNATO / Drawn Cardia M.	CONTROLLATO / Checked Arseni P.	APPROVATO / Approved Roveta M.
DATA / Date 31/07/2023	SCALA / Scale 1:16	FOGLIO / Sheet 1 of 1
FORMATO / Format A2		

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Rev. Nr.	Datum	Beschreibung	erstellt	geprüft	freigegeben	Datum	freigegeben
Projekt - Nr. DG-001115				Standort / Projektname LNG LIQUEFACTION PLANT			
Datum 31.07.2023				Name Cardia M.			
Gepr. 31.07.2023				Arseni P.			
Freig. 31.07.2023				Roveta M.			
Schutzvermerk ISO 16016 beachten				Blattgr. Maßst. 1/ A2 1:16			
Urspr.: EST 109806 Rev.0A				Ers.f.: 520			
Ers.f.:				Ers.f.:			

bioplusLNG

OGE

LNG DRAIN VAPORIZER E7002 - ASSEMBLY DRAWING
LNG ABFLUSSVERDAMPFER E7002 - MONTAGEZEICHNUNG

F-Tech	Standortkurzname	A-Art	Anl-Nr	A-Teil	D-Art	Lfd.-Nr	Blatt	Änd
520							01-	0A