

Rev.	Data/Date	Descrizione/Description	Dis/Dwr	Contr/Ckd	Appr/Prp
0	26/06/2023	First emission	Cardia M.	Arseni P.	Roveta M.
3	28/08/2023	Revision following comments	Cardia M.	Arseni P.	Roveta M.
4	26/09/2023	Revision	Cardia M.	Arseni P.	Roveta M.

DATI DI PROGETTO - DESIGN DATA

		CORPO PRINCIPALE
		Main body
Pressione di progetto Ps Design pressure	[barg]	0,49
Pressione di esercizio Operating pressure	[barg]	<0,49
Pressione di prova idraulica Hydraulic test pressure	[barg]	0,70
Temperatura di progetto Design temperature	[°C]	-196 ; +65
Temperatura di esercizio Operating temperature	[°C]	-175,4
Fluido - fluid	[]	Nitrogen
Stato fisico - physic state		liquid - gas
Perdite di carico Pressure drop	[mbar]	<490
Capacità massima Volume	[dm³]	10
Peso a vuoto Empty weight	[kg]	90
NORME		N.A.
CODE		
CATEGORIA GIUNTI SALDATI WELDING JOINT EFFICIENCY	3b	
ENTE ISPETTORE NOTIFIED BODY	TÜVSUD	CLASSE APPARECCHIO CLASS OF EQUIPMENT
		N.A.
SPECIFICA DI SALDATURA WELDING SPECIFICATION		N°MATRICOLA SERIAL NUMBER
WKF/VMP/1		23098
CE MARKING ACCORDING TO PED: Not required.		

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IMPIANTI
CRYOGENIC AND HIGH VACUUM TECHNOLOGIES

AUSRÜSTUNGSTYP
EQUIPMENT TYPE: E7001 (VMP16BV)

MONAT/JAHR
MONTH/YEAR: MATR. NO. 23098

FLÜSSIGKEIT
FLUID: LN2 PED Gr. 2 SCOPE Nm³/h 150

AUSLEGUNGSDRUCK (PS)
PRESSURE DESIGN: barg 0.49

PRÜFDRUCK (PT)
TEST PRESSURE: barg 0.70

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

VOLUME lt. 10 TARA Kg. 90 PSY Satz /

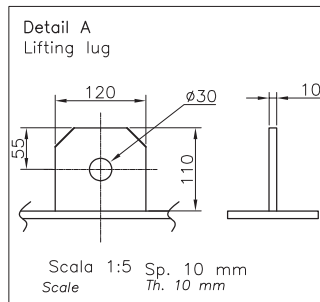
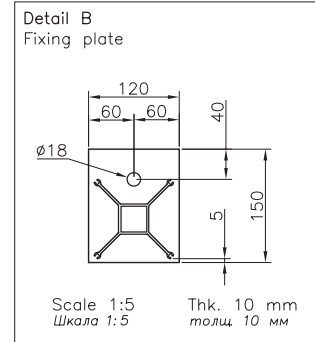
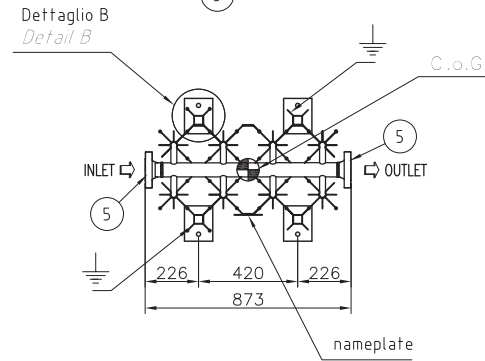
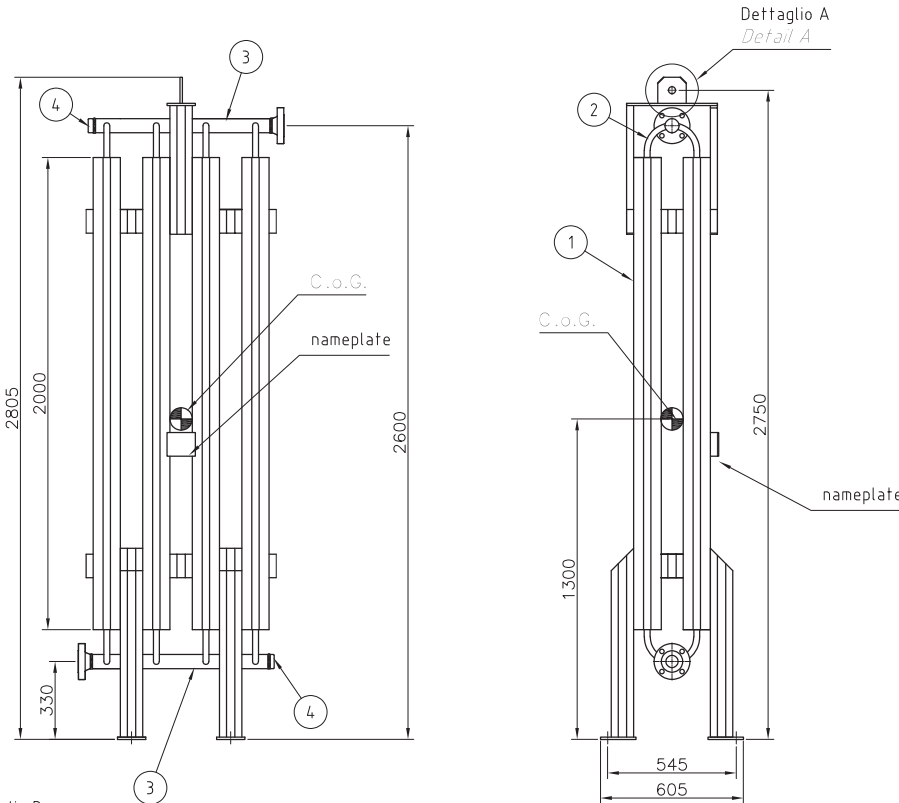
TOLLERANZE / Tolerances
DOVE NON DIVERSAMENTE INDICATO / Unless otherwise specified

- 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' ± 5mm PER METRO CON MASSIMO DI ± 25mm
- The linear tolerance is ± 5mm 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



Ref.	Description	Q.ty	Material
5	Flange 2" #150 WN RF	2	EN AW 6082/6061 T6
4	Cap 60	2	EN AW 6082 T6
3	Tube 60x5 - 4 holes on 2 axes	2	EN AW 6060/6063 T4/T6
2	Elbow	8	EN AW 5754 H111
1	Extruded finned pipe L=2000 mm	8	EN AW 6060/6063 T4

Bill of materials

Projektnummer OGE	Maßnahmenzeichnung OGE
—	—
—	—

- Notes:
- Flange holes straddling axes;
 - 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.

SIAD MI Tag No.	E7001	SIAD MACCHINE IMPIANTI S.P.A.
SIAD MI Project No.	L43374	
SIAD MI Project Name	LNG 140 TDP	SIAD MI Dwg No.
TITOLO / Title E7001 - VMP16BV		
IMPIANTO o ASSEMBLY / Plant or Assembly LIN drain vaporizer: VMP16BV		MATERIALE / Material EN AW6060/6063
CLIENTE / Client SIAD MI		QTA' / Qty 1
PESO / Weight 90 kg		COMMESSA / Job 5619
DISEGNATO / Drawn Cardia M. Arseni P. Roveta M.		REVISIONI / No drawing 4
DATA / Date 26/09/23		SCALE / Scale 1:16
FORMATO / Format 1/1		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 Cartello M.
Date 31.07.2023		Name Arseni P.
Date 31.07.2023		Name Roveta M.
Schutz- vermerk: ISO 15016 beschrieben		Blatt-Nr. A2
Maßst. / 1:16		Blatt 01-0B
Urspr.: EST106186 Rev. 0B		Ers.f.:
		Ers.f.: