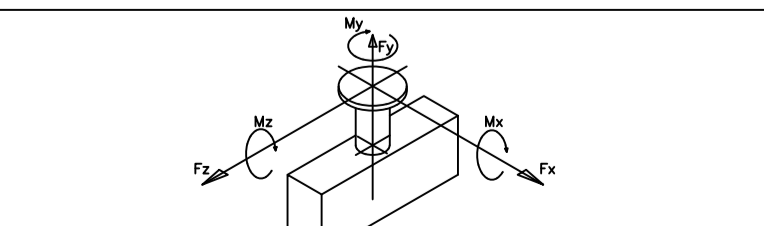


MAX. ALLOWABLE MOMENT AND FORCES FOR NOZZLE



DN	MOMENTS (Nm)			FORCES (N)		
	Mx	My	Mz	Fx	Fy	Fz
12"	5080	6100	3050	8360	13340	13340
10"	4070	6100	2550	6670	13340	10010

POS.	Qty	ND	#	TYPE	SERVICE
N1-2	2	12"	300	ANSI B16.5 - WN-RF	SMOOTH FINISH 125-250 AARH INTERCOOLER INLET
N3-4	2	12"	300	ANSI B16.5 - WN-RF	SMOOTH FINISH 125-250 AARH INTERCOOLER OUTLET
V1	1	1/2"	6000	ANSI B16.11 HALF COUPLING NPT + PLUG	INTERCOOLER VENT
D1	1	1/2"	6000	ANSI B16.11 HALF COUPLING NPT + PLUG	INTERCOOLER DRAIN
N5-6	2	10"	300	ANSI B16.5 - WN-RF	SMOOTH FINISH 125-250 AARH AFTERCOOLER INLET
N7-8	2	10"	300	ANSI B16.5 - WN-RF	SMOOTH FINISH 125-250 AARH AFTERCOOLER OUTLET
V2	1	1/2"	6000	ANSI B16.11 HALF COUPLING NPT + PLUG	AFTERCOOLER VENT
D2	1	1/2"	6000	ANSI B16.11 HALF COUPLING NPT + PLUG	AFTERCOOLER DRAIN

- NOTES
- 1) ALL DIMENSIONS ARE IN mm
 - 2) FLANGES HOLES STRAGGERED RESPECT TO THE MAIN AXES OF THE EQUIPMENT
 - 3) FOR DETAILS ABOUT PAINTING CYCLE SEE PAINTING SPECIFICATION N.PS-230372-01
 - 4) TO DISMANTLE ELECTRIC MOTORS USE A HAND CHAIN HOIST WITH TOP HOOK SUSPENSION MINIMUM RANGE 550 kg (NOT IN BOLDROCCHI SCOPE OF SUPPLY).
 - 5) MOTOR CABLE TRAYS AND ITS SUPPORTS NOT IN BOLDROCCHI SCOPE OF SUPPLY.

DESIGN DATA		E7400	E7401
ITEM		NITROGEN RECYCLE COMPRESSOR INTERCOOLER	NITROGEN RECYCLE COMPRESSOR AFTERCOOLER
SERVICE			
DESIGN CODE		ASME VIII DIV.1 Ed.2021 - AD 2000	
TEST		2014/68/EU "PED"	
HANDLED FLUID		NITROGEN	
DESIGN PRESS.	Bar g	18	31
HYDROSTATIC TEST PRESS.	Bar g	25.74	44.3
DESIGN TEMP.	°C	-25/+130	-25/+150
OPERATING TEMP. IN/OUT	°C	106.0/40.0	126.0/40.0
CORROSION ALLOWANCE	mm	1	1
AIRCOOLER NET WEIGHT	Kg		32.500
AIRCOOLER WEIGHT FULL OF WATER	Kg		36.180
AIRCOOLER WEIGHT IN OPERATING	Kg		32.570
QUANTITY	N.		1

REV.	DATE	DESCRIPTION	ISSUED	CHECKED	APPROV.
OD	06/11/23	ISSUED FOR COMMENTS	PEZZOLI	CERONE	CERONE
OC	17/07/23	ISSUED FOR COMMENTS	PEZZOLI	CERONE	CERONE
OB	17/07/23	ISSUED FOR COMMENTS	PEZZOLI	CERONE	CERONE
OA	09/06/23	ISSUED FOR APPROVAL	PEZZOLI	CERONE	CERONE

THIS DWG can't be reproduced neither transmitted without the FIRM'S permission		ITEM E7400 E7401	
OBJECT	AIRCOOLER GENERAL ARRANGEMENT	SCALE 1:50	
BOLDROCCHI BIASSONO		Dis.n° 252731/SQ230372	

Rev. Nr.	Datum	Beschreibung	erstellt	geprüft	freigegeben	Datum	freigegeben
OD	06.11.2023	ISSUE FOR COMMENTS	PEZZOLI	CERONE	CERONE		
OC	24.08.2023	ISSUE FOR COMMENTS	PEZZOLI	CERONE	CERONE		
OB	17.07.2023	ISSUE FOR COMMENTS	PEZZOLI	CERONE	CERONE		
OA	09.06.2023	ISSUE FOR APPROVAL	PEZZOLI	CERONE	CERONE		

Projekt - Nr.	DG-001115	Standort / Projektname	LNG LIQUEFACTION PLANT
Datum	09.06.2023	Name	PEZZOLI
Erstg.	09.06.2023	Gezeichnet	CERONE
Freig.	09.06.2023	Geprüft	CERONE
Schutzvermerk	ISO 16016 beachten	Blattgr./Maßst. 1/	A1 1:50
Projektnummer OGE	---	Maßnahmenbezeichnung OGE	---
Urspr.*/ Rev.0B		Ers.f.:	
		Ers.d.:	