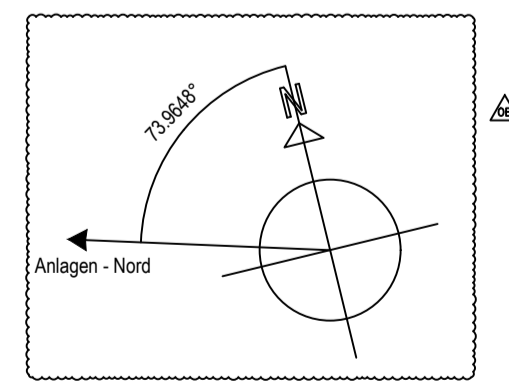


MANUAL PITCH FAN  
 FAN Ø3048 mm  
 MOTORS 18.5 kw  
 4 POLES  
 400 V. 50Hz 3-PHASE  
 TEFC - IP 55  
 (CON PTC)



MAX. ALLOWABLE MOMENT AND FORCES FOR NOZZLE

DN	MOMENTS (Nm)			FORCES (N)		
	Mx	My	Mz	Fx	Fy	Fz
10"	4070	6100	2550	6670	13340	10010
8"	3050	6100	2240	5690	13340	8010

POS.	Qty	ND	#	TYPE	SERVICE
N1	1	10"	600	ANSI B16.5 - WN-RF SMOOTH FINISH 125-250 AARH	WARM BOOSTER AFTER. INLET
N2	1	10"	600	ANSI B16.5 - WN-RF SMOOTH FINISH 125-250 AARH	WARM BOOSTER AFTER. OUTLET
V1	1	1/2"	6000	ANSI B16.11 HALF COUPLING INPT- PLUG	WARM BOOSTER AFTER. VENT
D1	1	1/2"	6000	ANSI B16.11 HALF COUPLING INPT- PLUG	WARM BOOSTER AFTER. DRAIN
N3	1	8"	600	ANSI B16.5 - WN-RF SMOOTH FINISH 125-250 AARH	COLD BOOSTER AFTER. INLET
N4	1	8"	600	ANSI B16.5 - WN-RF SMOOTH FINISH 125-250 AARH	COLD BOOSTER AFTER. OUTLET
V2	1	1/2"	6000	ANSI B16.11 HALF COUPLING INPT- PLUG	COLD BOOSTER AFTER. VENT
D2	1	1/2"	6000	ANSI B16.11 HALF COUPLING INPT- PLUG	COLD BOOSTER AFTER. 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-230372-02

DESIGN DATA	E7500	E7600
ITEM SERVICE	WARM BOOSTER AFTERCOOLER	COLD BOOSTER AFTERCOOLER
DESIGN CODE	ASME VIII DIV.1 Ed.2021 - AD 2000	
TEST	2014/68/EU "PED"	
HANDLED FLUID	NITROGEN	
DESIGN PRESS.	Bar g	50
HYDROSTATIC TEST PRESS.	Bar g	71.5
DESIGN TEMP.	°C	-25/+120
OPERATING TEMP. IN/OUT	°C	89.2/40.0
CORROSION ALLOWANCE	mm	1
AIRCOLER NET WEIGHT	Kg	18.800
AIRCOLER WEIGHT FULL OF WATER	Kg	20.740
AIRCOLER WEIGHT IN OPERATING	Kg	18.910
QUANTITY	N.	1

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

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OBJECT	AIRCOLER GENERAL ARRANGEMENT	ITEM E7500 E7600
SCALE	1:50	Dis.n° 252746/SQ230372

**BOLDROCCHI** BIASSONO

OB	17.07.2023	ISSUE FOR COMMENTS	PEZZOLI	CERONE	CERONE
OA	09.06.2023	ISSUE FOR APPROVAL	PEZZOLI	CERONE	CERONE

Rev	Datum	Beschreibung	erstellt	geprüft	freigegeben	Datum	freigegeben
Nr.							

Projekt - Nr.	DG-001115	Standort / Projektname	LNG LIQUEFACTION PLANT
Datum	09.06.2023	Name	PEZZOLI
Erstl.	09.06.2023	CERONE	
Freigebl.	09.06.2023	CERONE	

Schutzvermerk	Blattgr./Maßst. 1/	F-Tech	Standortkurzname	A-Art	Art-Nr	A-Teil	D-Art	Lfd.-Nr	Blatt	And
ISO 18016 beachten	A1 1:50									

Urspr.: Rev.0B Ers.f.: Ers.d.: 520REZH599001005PLG00101-08.dwg