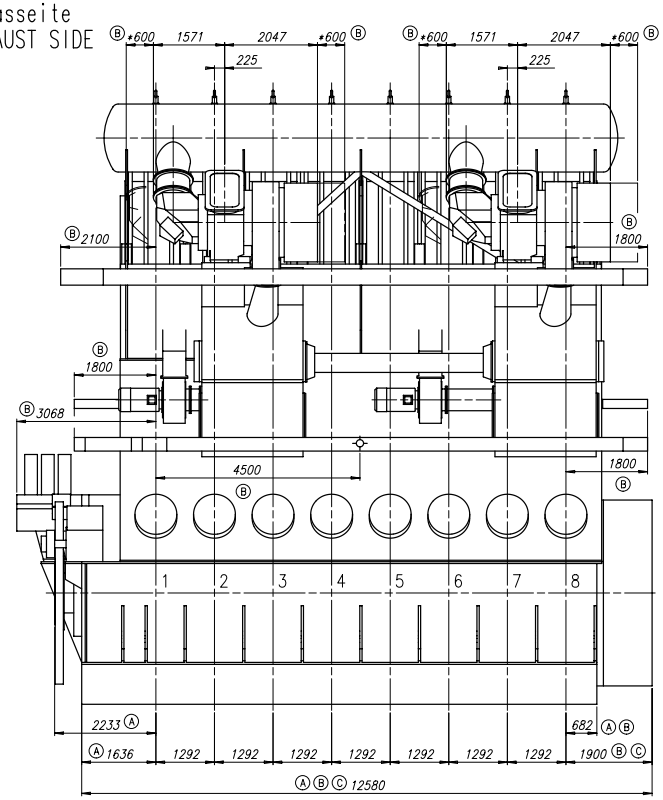
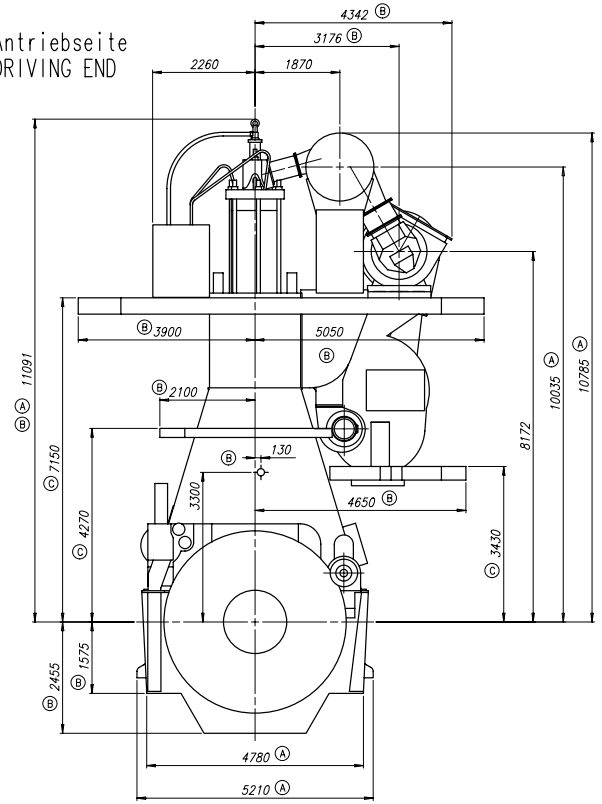
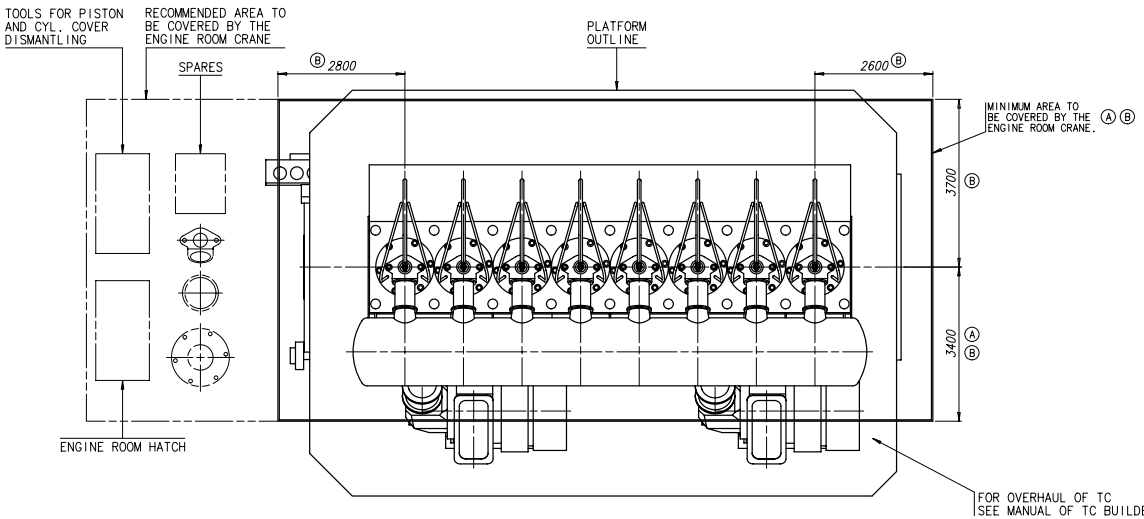
Abgasseite
EXHAUST SIDE



Antriebseite
DRIVING END





Gewicht ohne Wasser und Oel= 716 t
WEIGHT WITHOUT WATER AND OIL

* Platz fuer Demontage
SPACE FOR REMOVAL

ca. Schwerpunkt
APPROX. CENTRE OF GRAVITY

TURBOCHARGER A180-L Ⓓ

QTY	SEQ NO	Material ID	Material Name	Dimension/Occ.Dimension	Standard or Drawing	Basic Material Material Standard	Weight DR./NET
1	001	PAAD082970	DISMANTLING DIMENSIONS		DAAD027096		0.001

Free space for Lic.

Q-Code XXXXX
Standard ISO JIS
Main Drw. H

Mod'l

	Number	Drawn date	Number	Drawn date	Number	Drawn date	Number	Drawn date
A	EAAD084216	23.10.2012	B EAAD084357	19.12.2012	C EAAD084419	21.01.2013	D EAAD085139	26.03.2014

WÄRTSILÄ

Product W8X72

ENGINE OUTLINE VIEW
A180

Motoransichten
A180

Units mm kg | IDE | Basic Material | Net Weight 0.001

SURFACE PROTECTION SEE GROUP 0344	Mod	17.04.2012 csc001 C.Schmutz	Scale 1:55	Size A1	Page 1/1	Material ID PAAD082916
TOLERANCING PRINCIPLE ISO8015	Chkd	20.04.2012 pne001 Neracher	Design Group 0812	Drawing ID DAAD027095		Rev. D
GENERAL TOLERANCES ACCORDING TO ISO2768-mK	Appd	30.01.2013 bha009 Haag				

DTD - DIMENSIONAL DRAWING - Confidential

Download "DXF file"

Kolben mit Stange komplett und Stopfbuechse
PISTON WITH ROD COMPLETE AND GLAND BOX

Ⓐ *Gewicht ohne Hebewerkzeug:*
WEIGHT WITHOUT LIFTING TOOL:

2800 kg

Ⓓ *Zylindereinsatz mit Wasserleitmantel*
CYLINDER LINER WITH WATER GUIDE JACKET

Ⓐ *Gewicht ohne Hebewerkzeug:*
WEIGHT WITHOUT LIFTING TOOL:

Ⓓ *5850 kg*

Zylinderdeckel mit Auslassventil komplett und Wasserleitmantel
CYLINDER COVER WITH EXHAUST VALVE COMPLETE AND WATER GUIDE JACKET

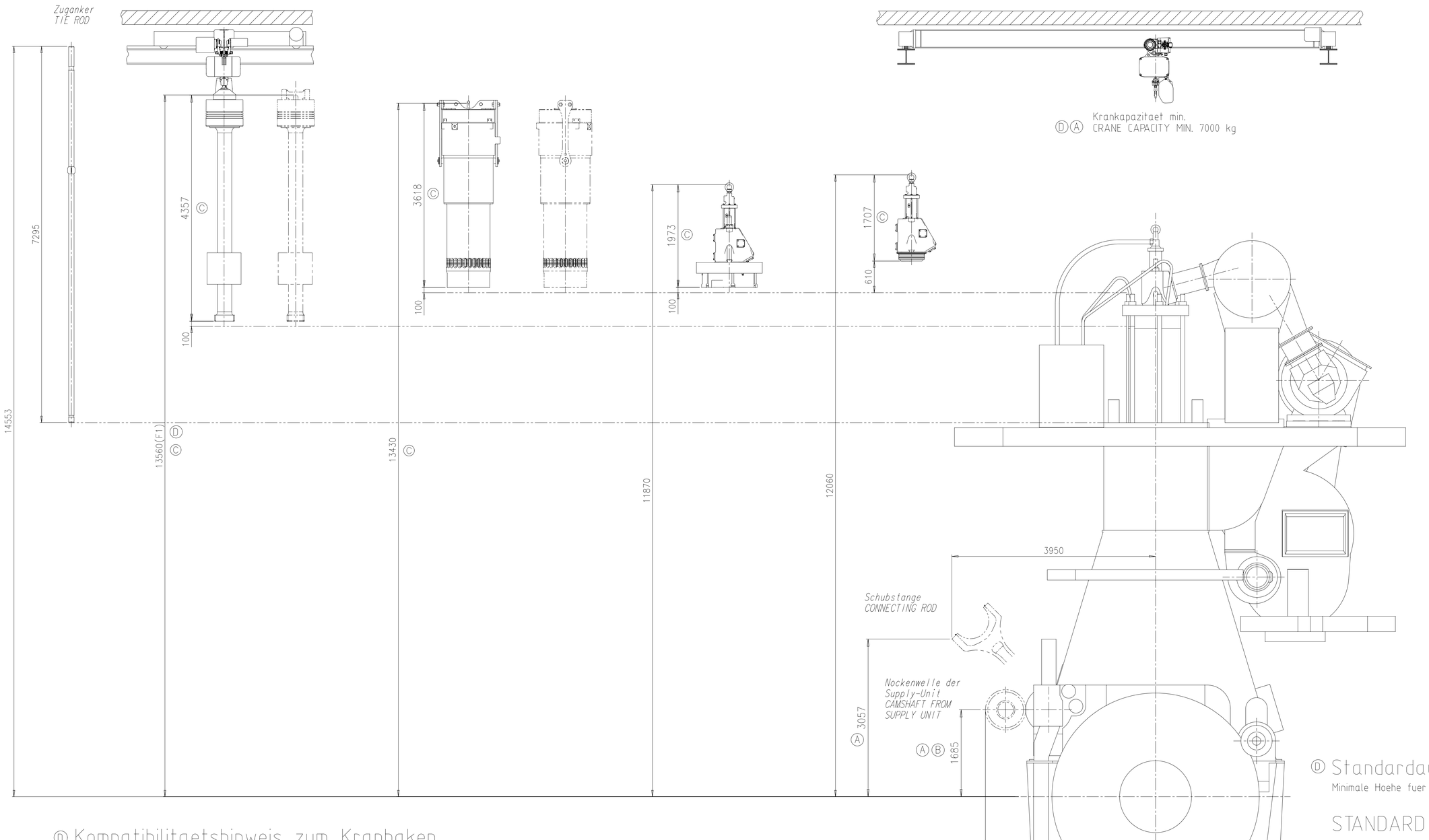
Ⓐ *Gewicht ohne Hebewerkzeug:*
WEIGHT WITHOUT LIFTING TOOL:

Ⓓ *3615 kg*

Auslassventil komplett
EXHAUST VALVE COMPLETE

Ⓐ *Gewicht ohne Hebewerkzeug:*
WEIGHT WITHOUT LIFTING TOOL:

Ⓓ *1060 kg*



Krankapazitaet min.
ⒹⒶ CRANE CAPACITY MIN. 7000 kg

Ⓓ Standardausbau

Minimale Hoehe fuer den vertikalen Ausbau: F1

STANDARD DISMANTLING

MIN. HEIGHT FOR VERTICAL REMOVAL: F1

Ⓓ Kompatibilitaetshinweis zum Kranhaken

Die Hebewerkzeuge zu diesem Motor
sind kompatibel mit folgenden
Kranhaken:
DIN 15401: Form RSN, Hakennummer 4 bis 5

COMPATIBILITY NOTE FOR CRANE HOOK

THE LIFTING TOOLS FOR THIS ENGINE
ARE COMPATIBLE WITH FOLLOWING
CRANE HOOK:
DIN 15401: SHAPE RSN, HOOK NUMBER 4 TO 5

Modif.								
	Number	Drawn date	Number	Drawn date	Number	Drawn date	Number	Drawn date
A	EAAD084216	01.11.2012	B EAAD084357	11.01.2013	C EAAD084682	09.07.2013	D EAAD091495	22.04.2020

Free space for lic.

Q-Code XXXXX

Standard ISO; JIS

Main Drw.

WIN GD Winterthur Gas & Diesel

Product W-X72

DISMANTLING DIMENSIONS

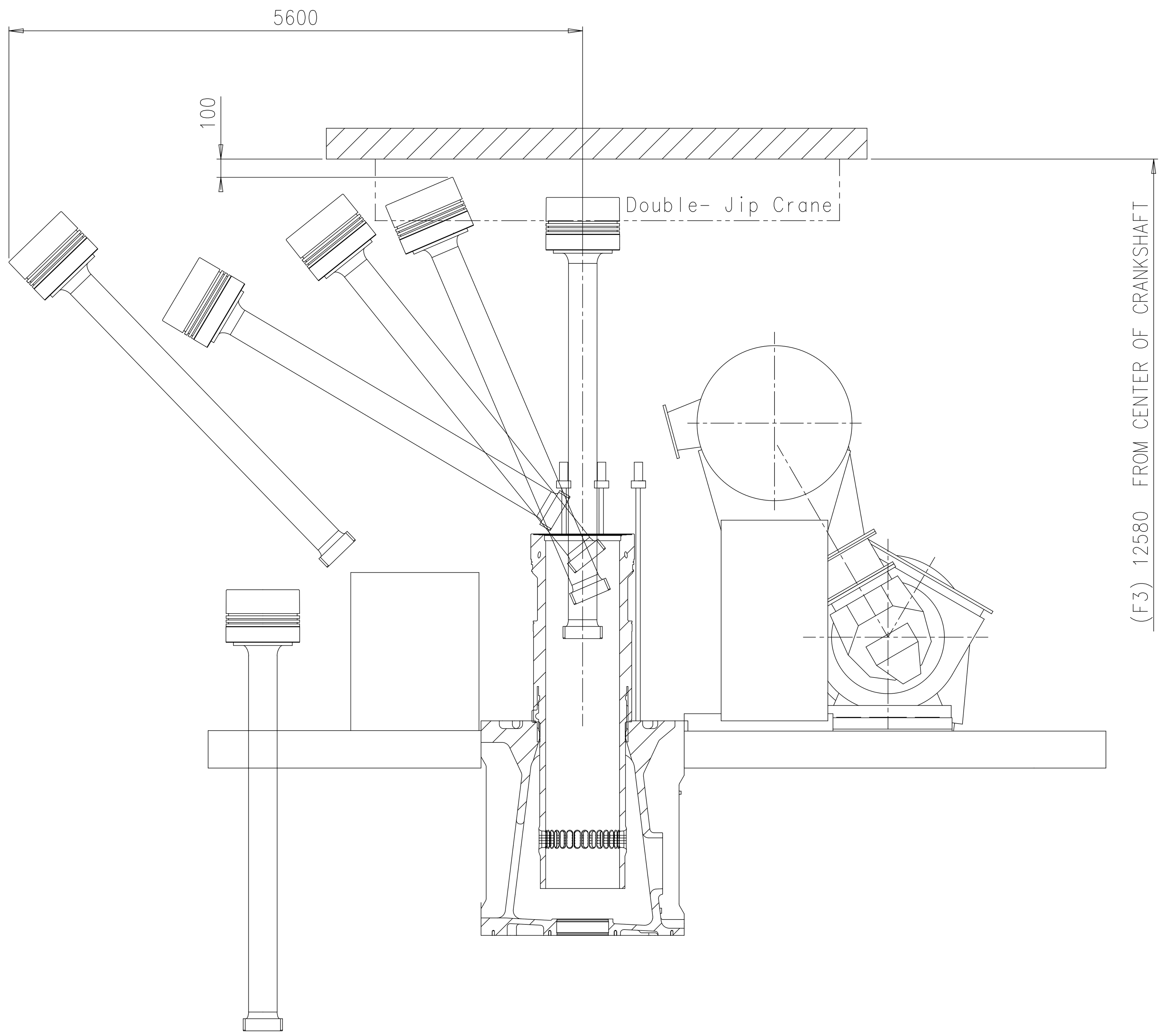
Ausbaumasse

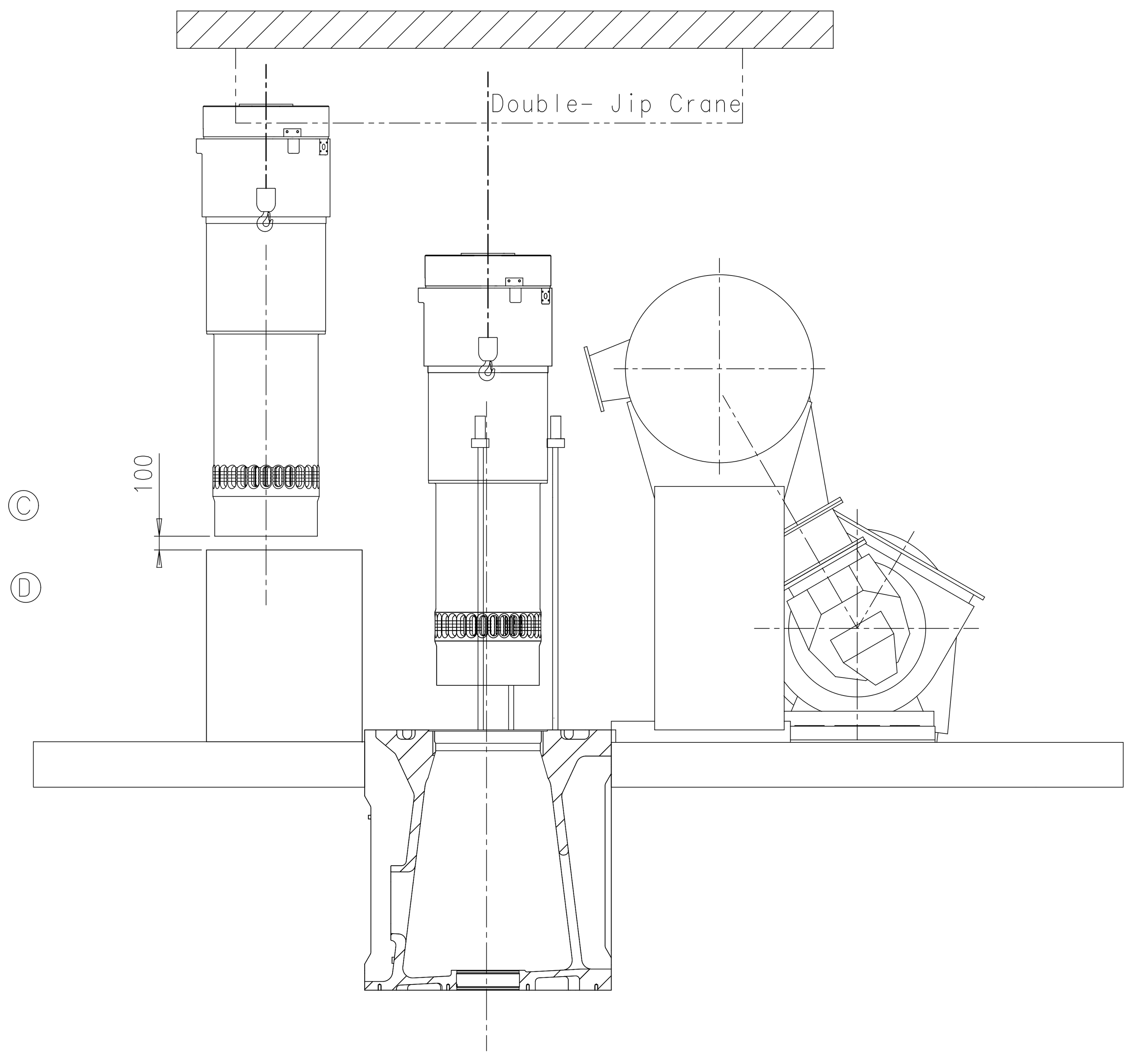
Units mm kg	NX		Basic Material		Net Weight 0,001
Made	17.04.2012 csc001 C.Schmutz		Scale 1:35	Size A1	Page 1/2	Material ID PAAD082970
Chkd	20.04.2012 pne001 Neracher		Design Group 0812	Drawing ID DAAD027096	Rev. D
Appd	23.04.2012 bfr005 Frei				

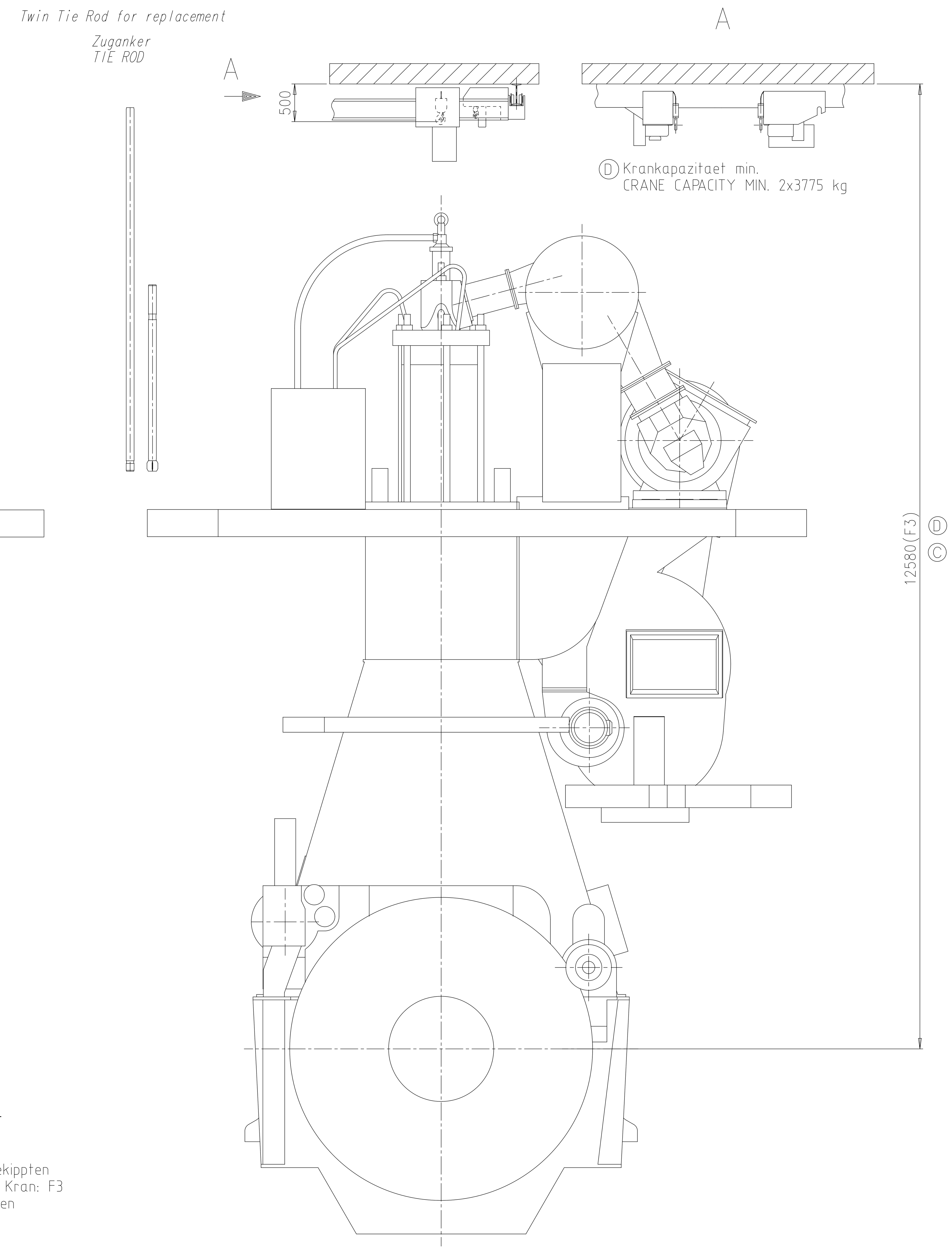
SURFACE PROTECTION SEE GROUP 0344	
TOLERANCING PRINCIPLE ISO8015	
GENERAL TOLERANCES ACCORDING TO ISO2768-mK	

Approved

DD - DIMENSIONAL DRAWING - Confidential







1. *Disassembly of exhaust valve cage, cylinder cover and upper water guide jacket*
2. *Disassemble three cylinder cover bolts on fuel side*
3. *Pull out the piston with standard piston disassembly tool, then attach tool for further lifting*
4. *Proceed with tilted piston removal*
5. *Place piston on support for overhaul*
6. *Put the pins for liner lifting into designated holes*
7. *Attach crane hooks for lifting*
8. *Pull out the liner until over top of rail unit*
9. *Move liner over rail unit and put in designated place for overhaul*

Ⓓ Standardausbau mit Double-Jib Kran

Minimale Hoehe fuer den gekippten Ausbau mit dem Double-Jib Kran: F3
Die Distanz von der obersten Hakenposition bis zur Decke varriert je nach der ausgewaehlten Kranausfuehrung

Für gekippten Ausbau mit Double-Jib E/R Kran von Fuchs Foerdertechnik AG

STANDARD DISMANTLING WITH DOUBLE-JIB CRANE

MIN. HEIGHT FOR TILTED REMOVAL WITH DOUBLE-JIB CRANE: F3
DISTANCE BETWEEN TOP POSITION OF HOOK AND ENGINE ROOM CEILING VARIES DEPENDING ON CRANE TYPE.

FOR TILTED REMOVAL WITH DOUBLE JIB E/R CRANE BY FUCHS FOERDERTECHNIK AG

Ⓓ Voraussetzungen fuer diese Ausbauart

- zweiteilige Zylinderdeckel-Dehnbolzen auf der Brennstoffseite
- zweiteilige Zuganker im Reparaturfall
- Spezialkran (DOUBLE-JIB)
- spezielle Hebewerkzeuge fuer den Zylindereinsatz und den Kolben

REQUIREMENTS FOR THIS DISMANTLING METHOD

- TWO-PIECE ELASTIC STUDS FOR CYLINDER COVER ON FUEL SIDE
- TWO-PART TIE ROD IN CASE OF REPAIR
- SPECIAL CRANE (DOUBLE-JIB)
- SPECIAL LIFTING TOOLS FOR CYLINDER LINER AND PISTON

Modif.	Number	Drawn date
A	EAAD084216	01.11.2012
B	EAAD084357	11.01.2013
C	EAAD084682	09.07.2013
D	EAAD091495	22.04.2020

Free space for lic.

Q-Code XXXXX
Standard ISO; JIS
Main Drw.

WIN GD Winterthur Gas & Diesel

Product W-X72

DISMANTLING DIMENSIONS
Ausbaumasse

Units	mm kg
	NX
Basic Material	
Net Weight	0,001
Made	17.04.2012 csc001 C.Schmutz
Chkd	20.04.2012 pne001 Neracher
Appd	23.04.2012 bfr005 Frei
Scale	1:35
Design Group	0812
Size	A1
Page	2/2
Material ID	PAAD082970
Drawing ID	DAAD027096
Rev.	D

SURFACE PROTECTION SEE GROUP 0344
TOLERANCING PRINCIPLE ISO8015
GENERAL TOLERANCES ACCORDING TO ISO2768-mK

Approved

DID - DIMENSIONAL DRAWING - Confidential

WinGD-8X72_Engine-outline-views

TRACK CHANGES

DATE	SUBJECT	DESCRIPTION
2018-02-26	DRAWING SET	First web upload
2020-07-17	DAAD027096	Revised Dismantling Dimensions drawing has been updated.