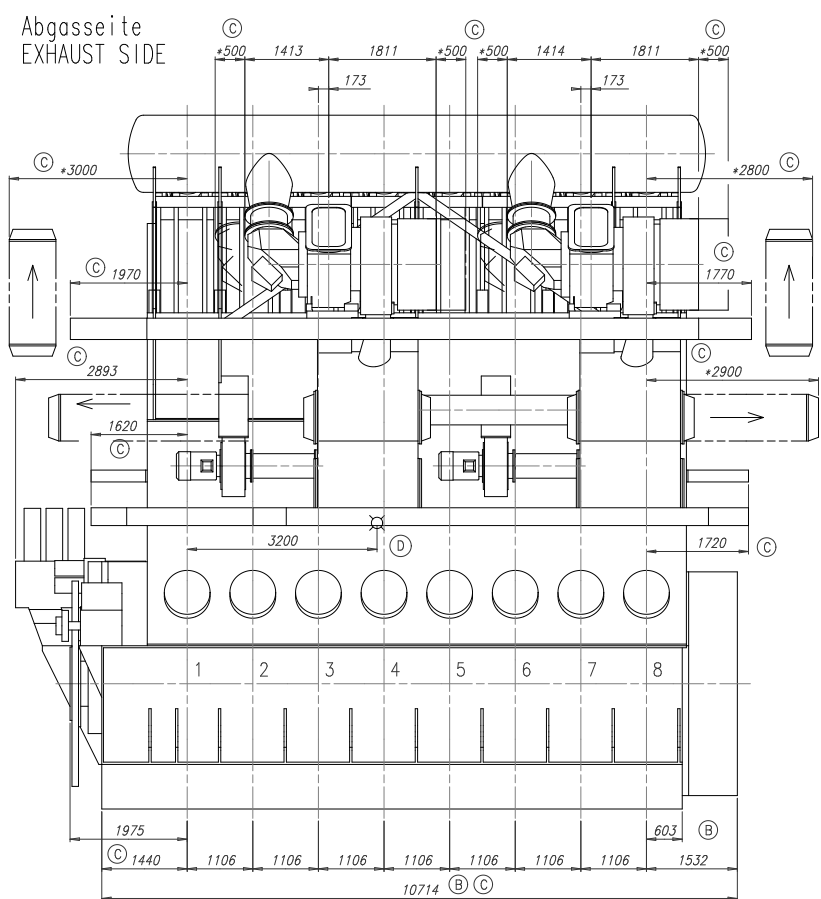
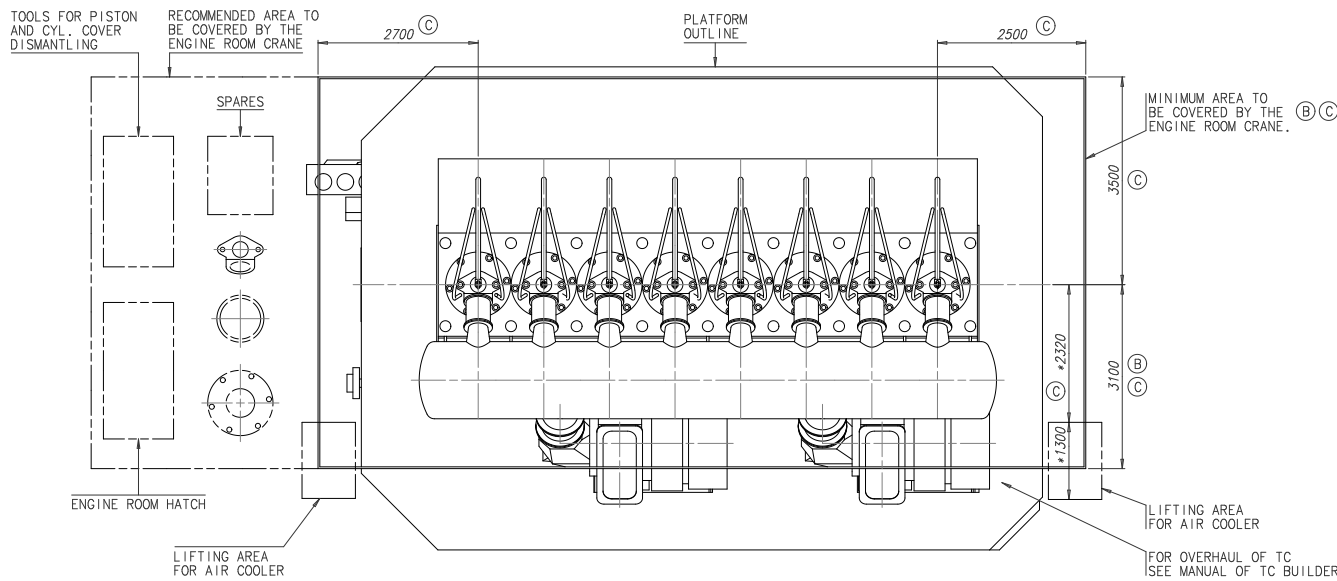
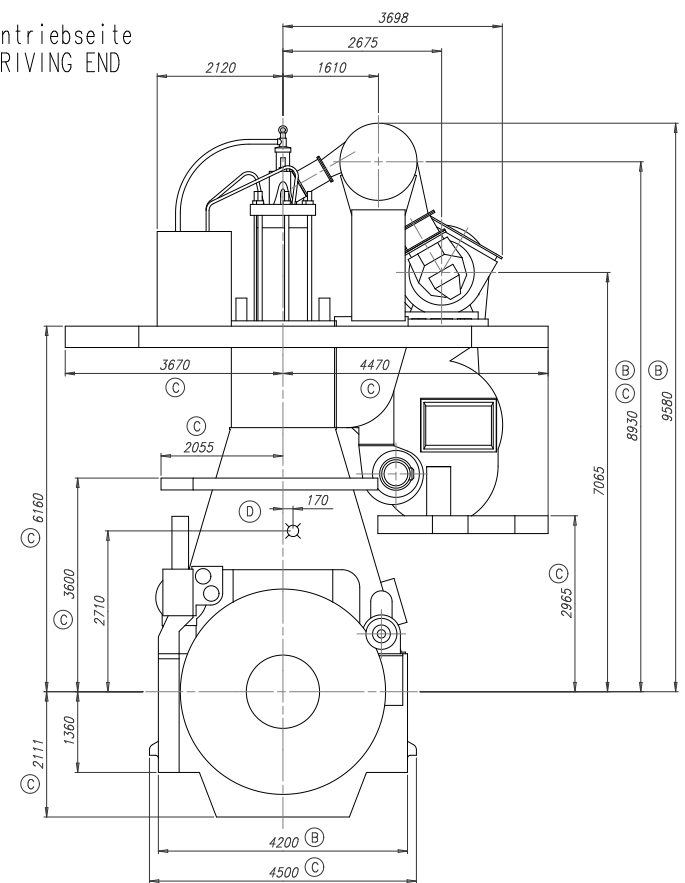


Download
"DXF file"



Antriebsseite
DRIVING END



ca. Schwerpunkt
APPROX. CENTRE OF GRAVITY

Gewicht ohne Wasser und Öl= 482 t
WEIGHT WITHOUT WATER AND OIL

Platz fuer Demontage
* SPACE FOR REMOVAL

TURBOCHARGER A175-L

| 1 | 001 | PAAD082991 | DISMANTLING DIMENSIONS | | DAAD027102 | | 0,001 | | | | |
|--------|------------|-------------|------------------------|-------------------------|---------------------|----------------------------------|----------------|------------|-----------|------------|------------|
| QTY | Std | Material ID | Material Name | Dimension/Qty/Dimension | Standard or Drawing | Basic Material Material Standard | Weight GP./NET | | | | |
| | | | | | | Q-Code XXXXX | Wt. Drw. | | | | |
| | | | | | | Standard ISO JIS | H | | | | |
| 1 | EAAD083762 | 18.04.2012 | B | EAAD084217 | 23.10.2012 | C | EAAD084341 | 11.12.2012 | D | EAAD085447 | 25.09.2014 |
| Number | Draw date | Number | Draw date | Number | Draw date | Number | Draw date | Number | Draw date | Number | Draw date |

Units mm kg IDE Scale 1:45 Size A1 Page 1/1 Material ID PAAD055125

Product WBX62 ENGINE OUTLINE VIEW A175-L Motoransichten A175-L

WARTSILA

Surface protection see group 0344

Tolerancing principle ISO8015

General tolerances according to ISO2768-mK

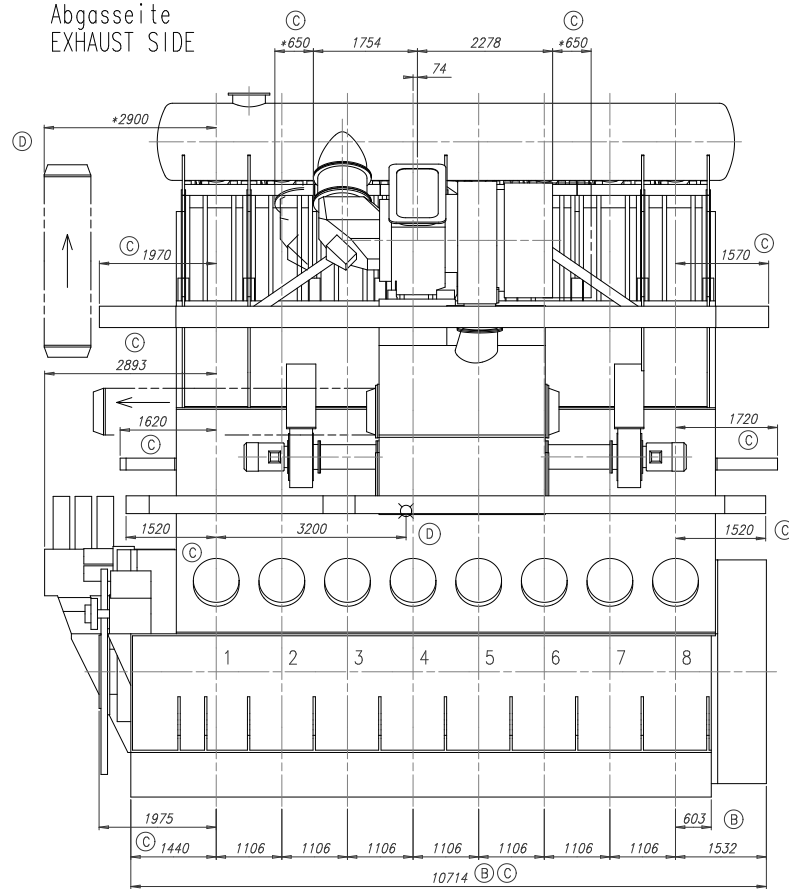
0812

DAAD019096

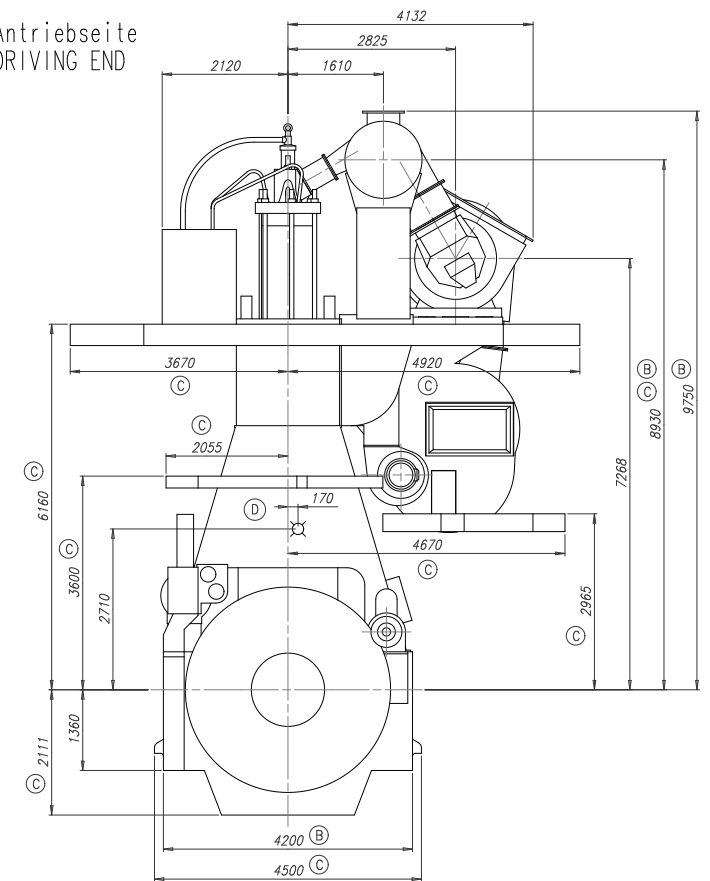
Rev. D

Download
"DXF file"

Abgasseite
EXHAUST SIDE



Antriebsseite
DRIVING END



TOOLS FOR PISTON AND CYL. COVER DISMANTLING

RECOMMENDED AREA TO
BE COVERED BY THE
ENGINE ROOM CRANE

PLATFORM OUTLINE

MINIMUM AREA TO BE COVERED BY THE ENGINE ROOM CRANE. (B) (C)

ENGINE ROOM HATCH

LIFTING AREA FOR
SCAVENGE AIR COOLER


FOR OVERHAUL OF TC
SEE MANUAL OF TC BUILDER

Ⓓ ⓧ ca. Schwerpunkt
APPROX. CENTRE OF GRAVITY

Gewicht ohne Wasser und Oel= 482 t
WEIGHT WITHOUT WATER AND OIL

* Platz fuer Demontage
SPACE FOR REMOVAL

TURBOCHARGER A185-L

| | | | | | | | | | | | | | |
|---|-----------------------------|------------|---------------|---|---|------------|-------------------------|------------|---------------------|----------|----------------------------------|------------|------------------|
| 1 | | 001 | PAAD082991 | | DISMANTLING DIMENSIONS | | | | DAAD027102 | | 0,001 | | |
| For place for Ident. | QTY | SID NO | Material ID | | Material Name | | Dimension/Qty/Dimension | | Standard or Drawing | | Basic Material Material Standard | | Weight GR/MT |
| | | | | | | | | | | | C-Code | XXXXXX | |
| | | | | | | | | | | | Standard | ISO JIS | H |
| | | | | | | | | | | | | | |
| | A | EAAD083762 | 18.04.2012 | B | EAAD084217 | 23.10.2012 | C | EAAD084341 | 11.12.2012 | D | EAAD085447 | 25.09.2014 | |
| | | Number | Drawn date | | Number | Drawn date | | Number | Drawn date | | Number | Drawn date | |
|  | | | Product WBX62 | | ENGINE OUTLINE VIEW A185-L Motoransichten A185-L | | | | | | | | |
| Units | mm | kg | IDE | | Basic Material | | Scale 1:45 | | Size A1 | Page 1/1 | Material ID | PAAD074640 | Net Weight 0,001 |
| Mode | 01.02.2012 cse001 C.Schultz | | | | Design Group | | 0812 | | Drawing ID | | DAAD024736 | | Rev. D |
| App | 20.02.2012 pne001 Nrescher | | | | | | | | | | | | |
| Mod | 20.02.2012 dbf005 Frei | | | | | | | | | | | | |

Download
"DXF file"

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

Zylindereinsatz mit
Wasserleitmantel
CYLINDER LINER WITH
WATER GUIDE JACKET

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

Auslassventil komplett
EXHAUST VALVE COMPLETE

A Gewicht ohne Hebwerkzeug:
WEIGHT WITHOUT LIFTING TOOL:

E 2015 kg

A Gewicht ohne Hebwerkzeug:
WEIGHT WITHOUT LIFTING TOOL:

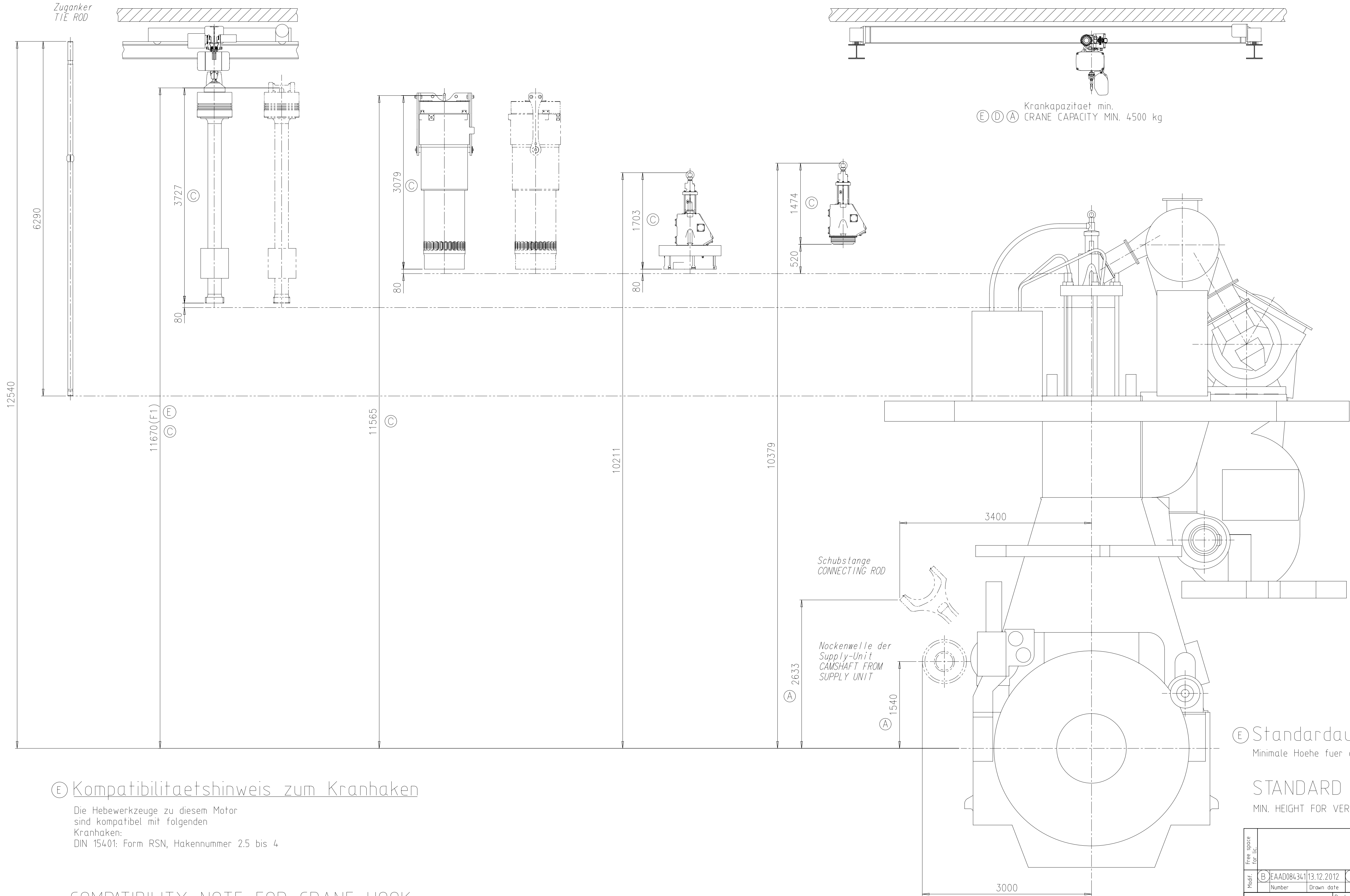
E 3800 kg

A Gewicht ohne Hebwerkzeug:
WEIGHT WITHOUT LIFTING TOOL:

E 2220 kg

A Gewicht ohne Hebwerkzeug:
WEIGHT WITHOUT LIFTING TOOL:

E 675 kg



E Kompatibilitaetshinweis zum Kranhaken

Die Hebwerkzeuge zu diesem Motor
sind kompatibel mit folgenden
Kranhaken:
DIN 15401: Form RSN, Hakennummer 2,5 bis 4

COMPATIBILITY NOTE FOR CRANE HOOK


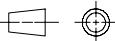
THE LIFTING TOOLS FOR THIS ENGINE
ARE COMPATIBLE WITH FOLLOWING
CRANE HOOK:
DIN 15401: SHAPE RSN, HOOK NUMBER 2.5 TO 4

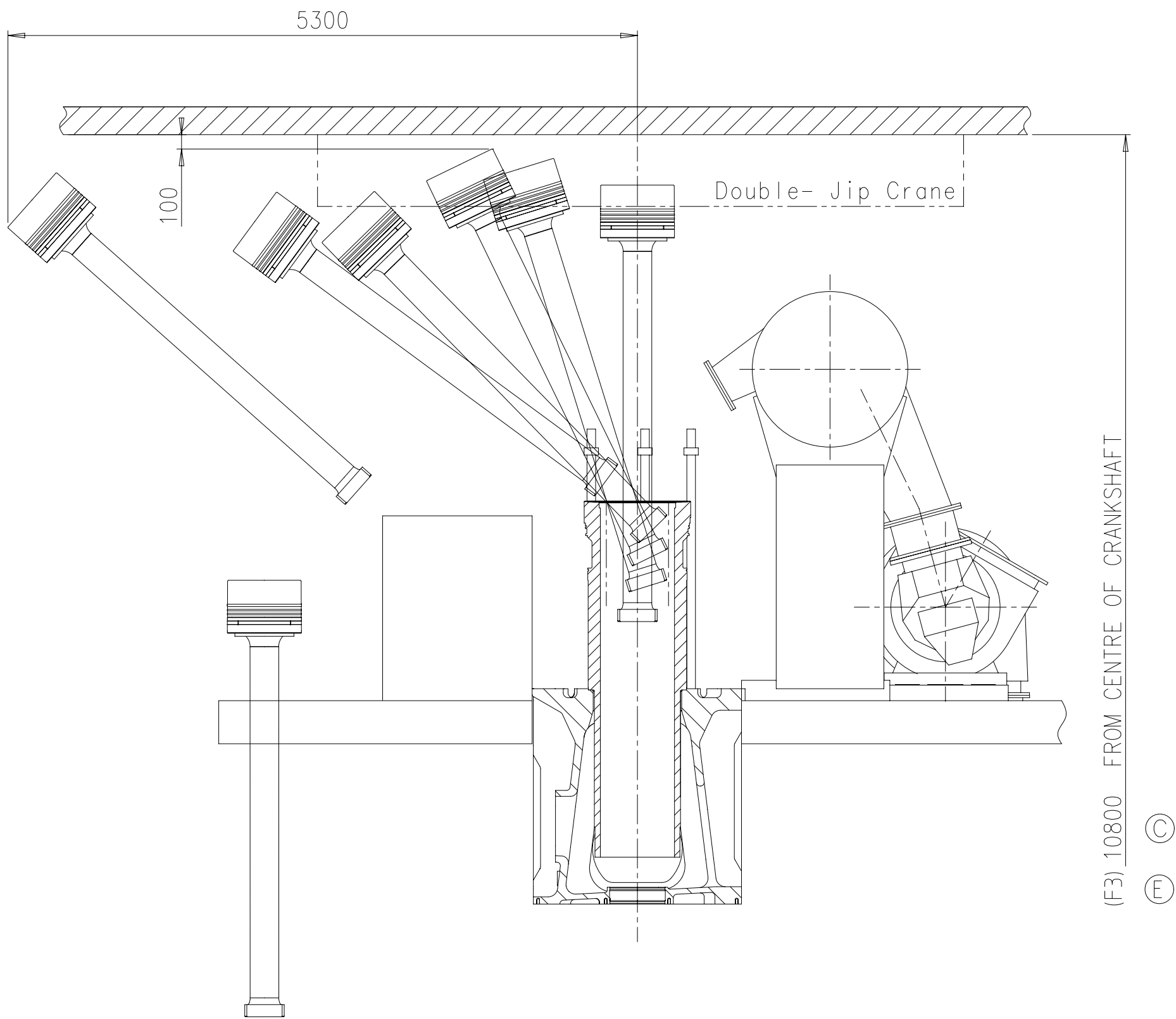
E Standardausbau

Minimale Hoehe fuer den vertikalen Ausbau: F1

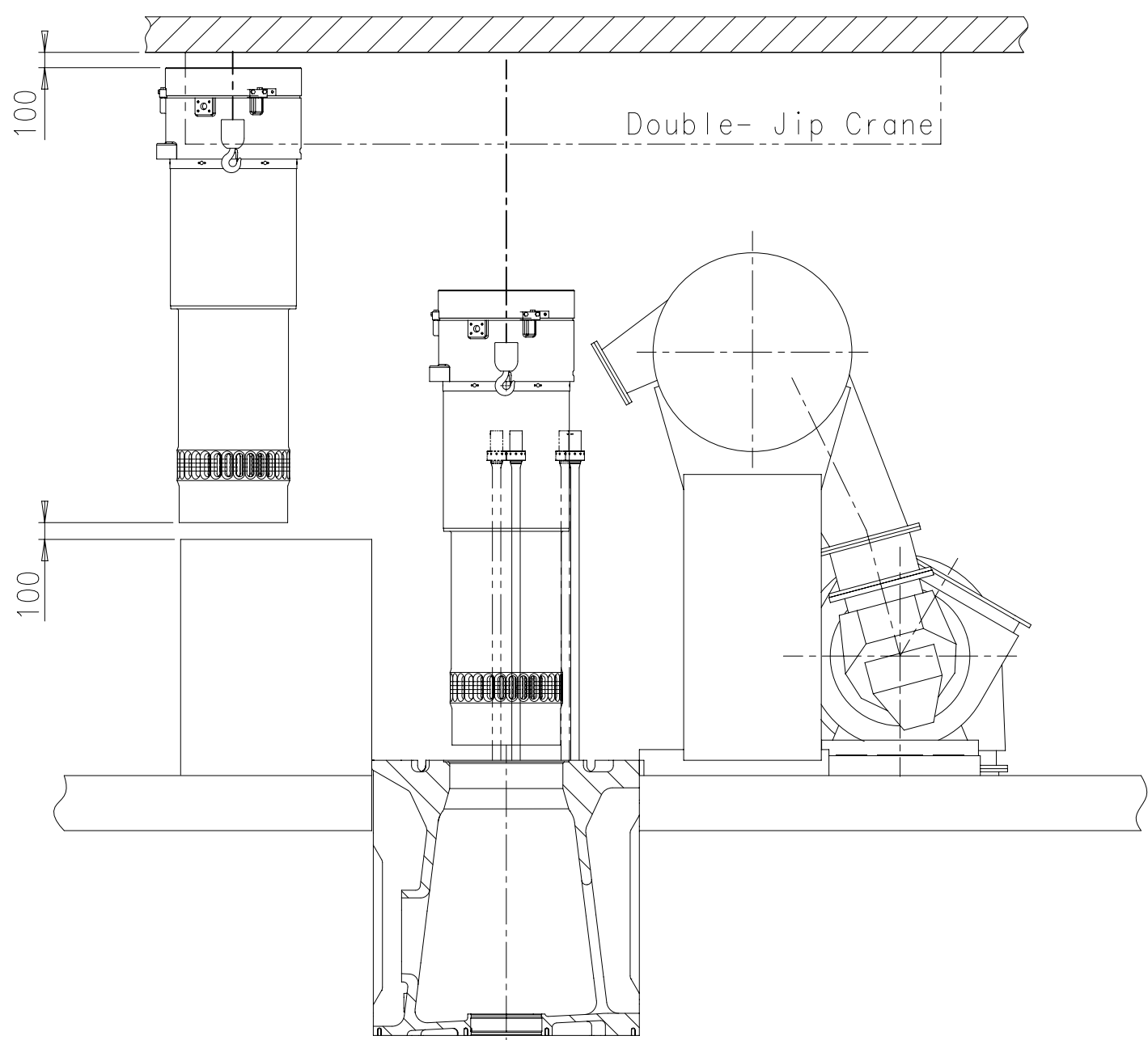
STANDARD DISMANTLING

MIN. HEIGHT FOR VERTICAL REMOVAL: F1

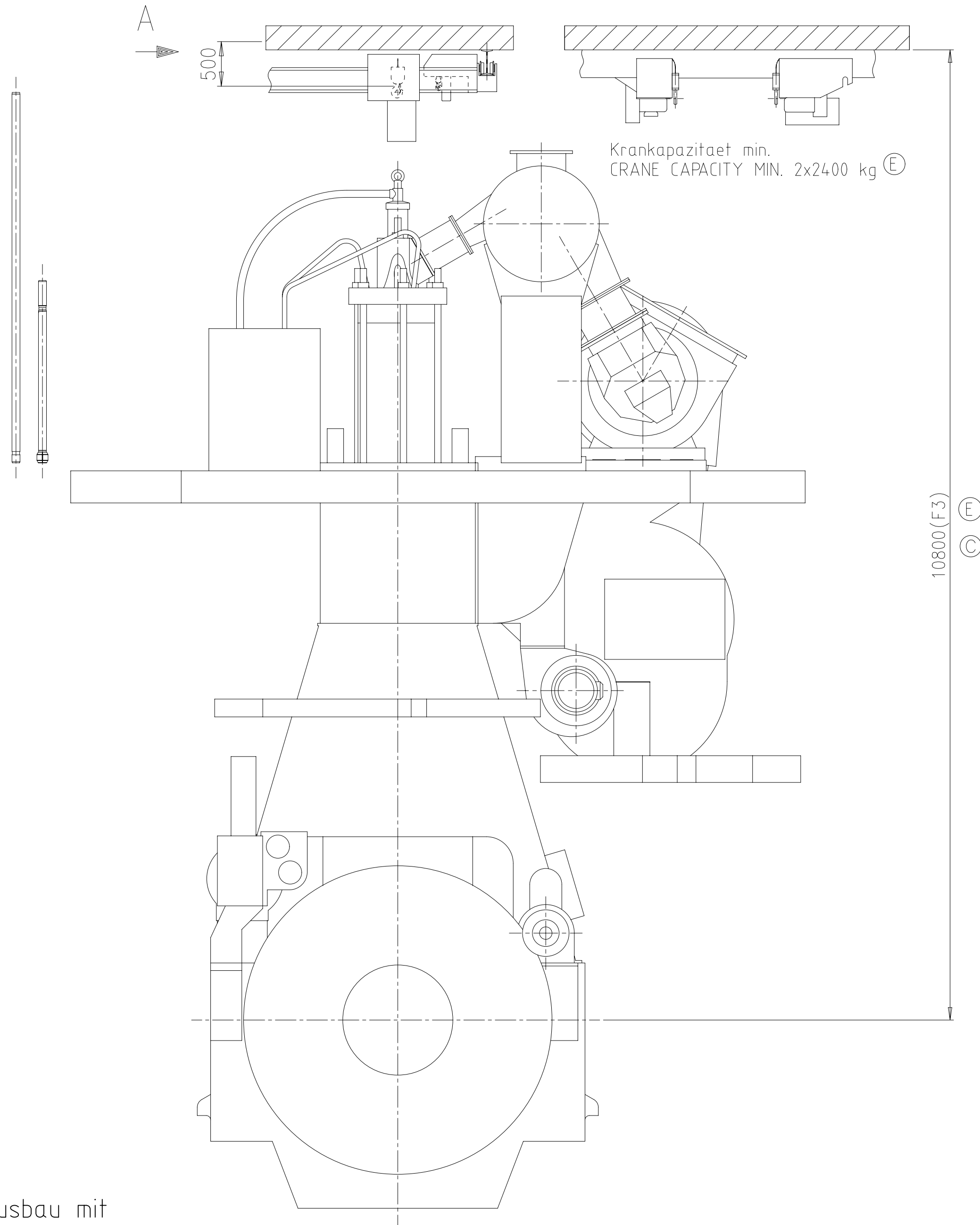
| | | | | | | | | | | | | | | | |
|--|------------|------------|------------|---|------------|---|--------------|----------------|------------|--|------------|------------------|-------------|------------|--|
| Free space for l.c. | | | | | | | | | | D-Code XXXXXX Standard ISO; JIS | | Main Dwg. | | | |
| Modif. | B | EAAD084341 | 13.12.2012 | C | EAAD084682 | 09.07.2013 | D | EAAD085438 | 24.09.2014 | E | EAAD091495 | 22.04.2020 | | | |
| | | Number | Drawn date | | Number | Drawn date | | Number | Drawn date | | Number | Drawn date | | | |
| Product W-X62 | | | | DISMANTLING DIMENSIONS Ausbaumasse | | | | | | | | | | | |
|  Winterthur Gas & Diesel | | | | | | | | | | | | | | | |
| 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 | PAAD082991 | |
| Chkd | 02.05.2012 | | pne001 | | Neracher | | Design Group | | Drawing ID | DAAD027102 | Rev. | E | | | |
| Appd | 03.05.2012 | | bfr005 | | Frei | | 0812 | | | | | | | | |



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



Ⓐ Kompatibilitaetshinweis zum Kranhaken für Double-Jib Kran

Die Hebewerkzeuge zu diesem Motor sind kompatibel mit folgenden Kranhaken:
DIN 15401: Form RSN, Hakennummer 08

COMPATIBILITY NOTE FOR CRANE HOOK FOR DOUBLE-JINB CRANE

THE LIFTING TOOLS FOR THIS ENGINE ARE COMPATIBLE WITH FOLLOWING CRANE HOOK:
DIN 15401: SHAPE RSN, HOOK NUMBER 08

Ⓔ 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

Ⓔ 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 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

| | | | | | | | | | | | | | | |
|--|--|--------|------------|------------|-----------------|---|--------------|------------|------|------------|-------------|---|------------|------------|
| SURFACE PROTECTION SEE GROUP 0344 | | Modif. | B | EAAD084341 | 13.12.2012 | C | EAAD084682 | 09.07.2013 | D | EAAD085438 | 24.09.2014 | E | EAAD091495 | 22.04.2020 |
| TOLERANCING PRINCIPLE ISO8015 | | Chkd | 02.05.2012 | | pne001 Neracher | | Design Group | | 0812 | | DRAFTING ID | | DAAD027102 | |
| GENERAL TOLERANCES ACCORDING TO ISO2768-mK | | Appd | 03.05.2012 | | bfr005 Frei | | | | | | | | Rev. E | |

WinGD-8X62_Engine-outline-views

TRACK CHANGES

| DATE | SUBJECT | DESCRIPTION |
|------------|-------------|--|
| 2018-02-26 | DRAWING SET | First web upload |
| 2020-07-17 | DAAD027102 | Revised Dismantling Dimensions drawing has been updated. |

DISCLAIMER

© Copyright by Winterthur Gas & Diesel Ltd.

All rights reserved. No part of this document may be reproduced or copied in any form or by any means (electronic, mechanical, graphic, photocopying, recording, taping or other information retrieval systems) without the prior written permission of the copyright owner.

THIS PUBLICATION IS DESIGNED TO PROVIDE AN ACCURATE AND AUTHORITATIVE INFORMATION WITH REGARD TO THE SUBJECT-MATTER COVERED AS WAS AVAILABLE AT THE TIME OF PRINTING. HOWEVER, THE PUBLICATION DEALS WITH COMPLICATED TECHNICAL MATTERS SUITED ONLY FOR SPECIALISTS IN THE AREA, AND THE DESIGN OF THE SUBJECT-PRODUCTS IS SUBJECT TO REGULAR IMPROVEMENTS, MODIFICATIONS AND CHANGES. CONSEQUENTLY, THE PUBLISHER AND COPYRIGHT OWNER OF THIS PUBLICATION CAN NOT ACCEPT ANY RESPONSIBILITY OR LIABILITY FOR ANY EVENTUAL ERRORS OR OMISSIONS IN THIS BOOKLET OR FOR DISCREPANCIES ARISING FROM THE FEATURES OF ANY ACTUAL ITEM IN THE RESPECTIVE PRODUCT BEING DIFFERENT FROM THOSE SHOWN IN THIS PUBLICATION. THE PUBLISHER AND COPYRIGHT OWNER SHALL UNDER NO CIRCUMSTANCES BE HELD LIABLE FOR ANY FINANCIAL CONSEQUENTIAL DAMAGES OR OTHER LOSS, OR ANY OTHER DAMAGE OR INJURY, SUFFERED BY ANY PARTY MAKING USE OF THIS PUBLICATION OR THE INFORMATION CONTAINED HEREIN.