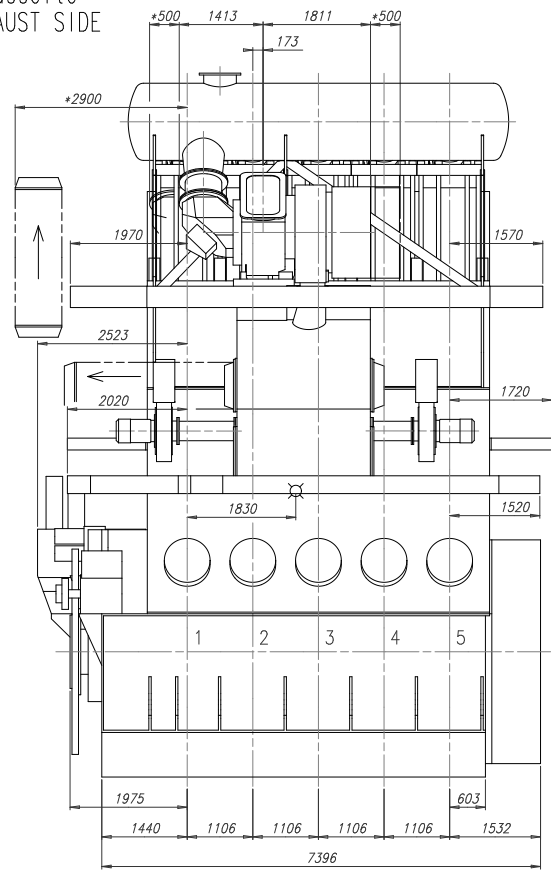
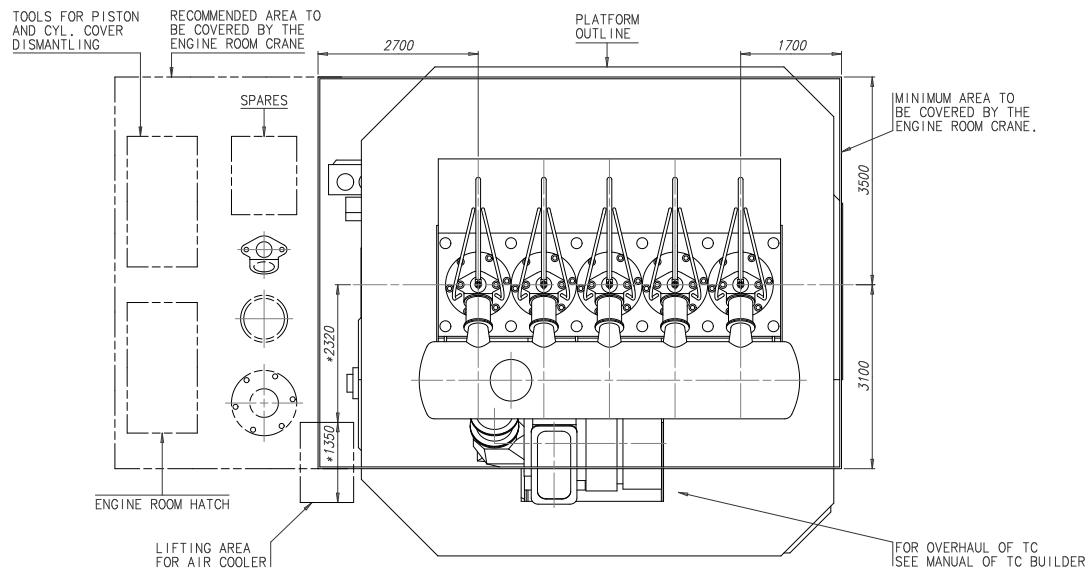
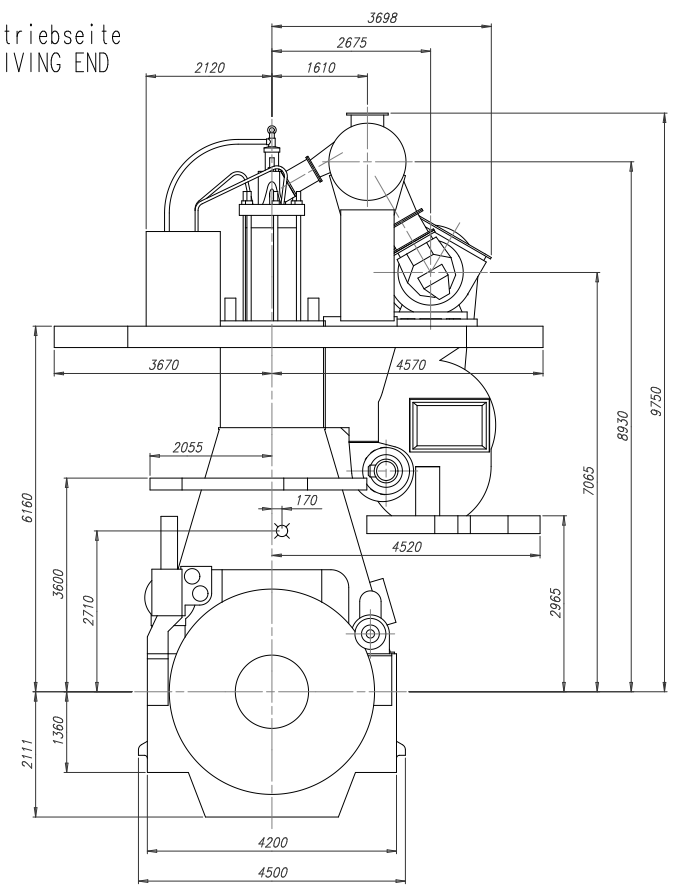


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Abgasseite  
EXHAUST SIDE



Antriebsseite  
DRIVING END



ca. Schwerpunkt  
APPROX. CENTRE OF GRAVITY

Gewicht ohne Wasser und Öl = 325 t  
WEIGHT WITHOUT WATER AND OIL

Platz fuer Demontage  
\* SPACE FOR REMOVAL

**TURBOCHARGER A175-L**

1	001	PAAD082991	DISMANTLING DIMENSIONS	DAAD027102		0.001
QTY	SID NO	Material ID	Material Name	Dimension/Qty/Dimension	Standard or Drawing	Basic Material Material Standard
						O-Code XXXXX
						Weight GR./NET
						Max. Draw. Standard ISO JIS
						H

Units	mm	kg	IDE	Basic Material	Net Weight	0.001
Surface Protection	SEE GROUP 0344					
Tolerancing Principle	ISO 8015					
General Tolerances	ACCORDING TO ISO 2768-MK					

WARTSILA

Product W5X62

ENGINE OUTLINE VIEW  
A175-L  
Motoransichten  
A175-L

Scale 1:45

Size A1

Page 1/1

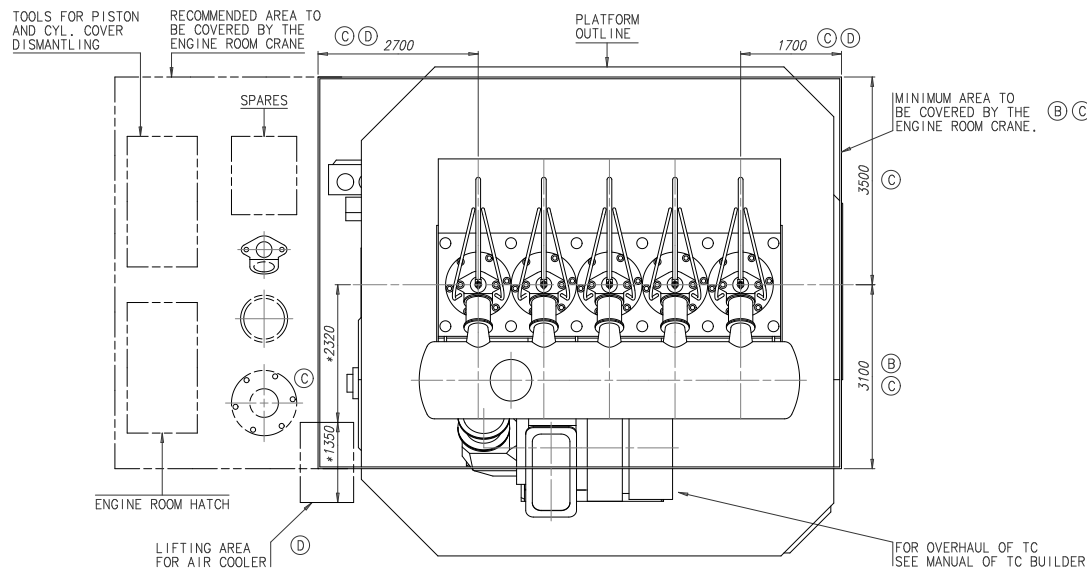
Material ID PAAD172125

Design Group 0812

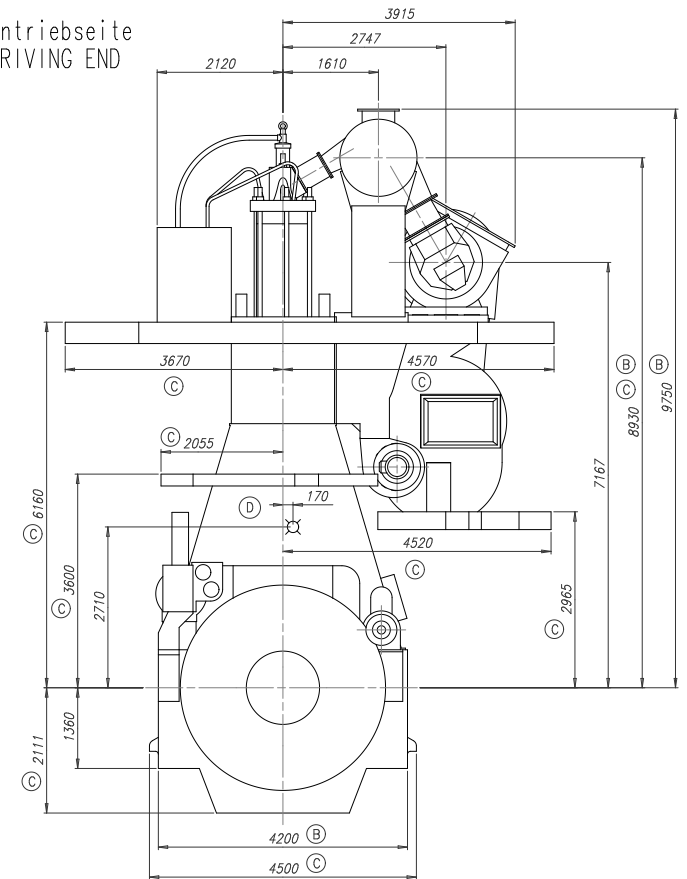
Drawing ID DAAD054608

Rev. -

Abgasseite  
EXHAUST SIDE



Antriebsseite  
DRIVING END





ca. Schwerpunkt  
APPROX. CENTRE OF GRAVITY

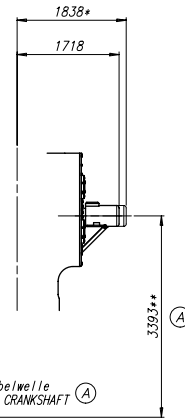
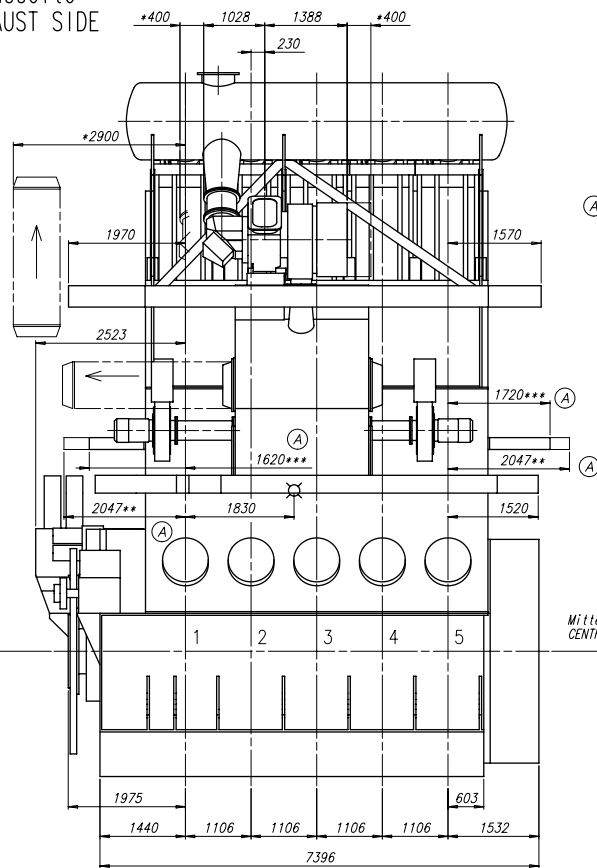
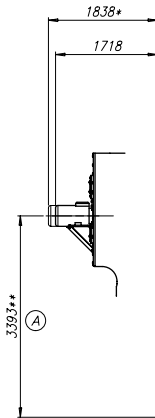
Gewicht ohne Wasser und Oel= 325 t  
WEIGHT WITHOUT WATER AND OIL

\* Platz fuer Demontage  
SPACE FOR REMOVAL

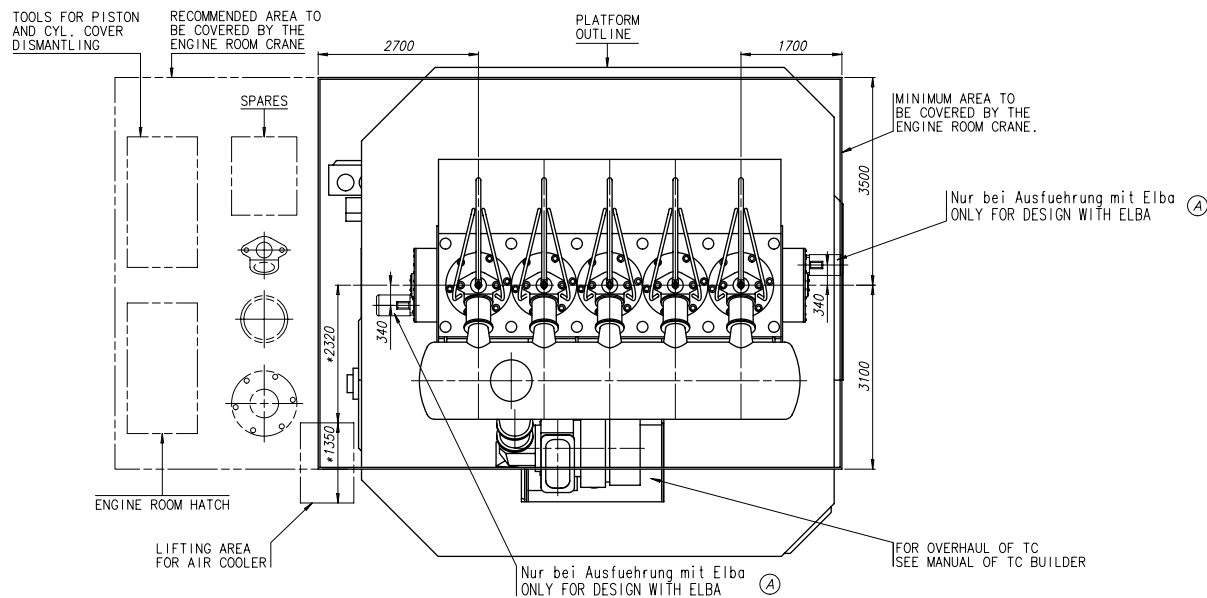
TURBOCHARGER A180-L

1	001	PAAD082991	DISMANTLING DIMENSIONS				DAAD0227102			0,001										
QTY	SIG	Material ID	Material Name		Dimension/Occ. Dimension		Standard or Drawing	Basic Material Material Standard		Net Weight										
Free space for list.	Modif.	A	EAAD083762	B	EAAD084217	23.10.2012	C	EAAD084541	11.12.2012	D	EAAD085447	25.09.2014								
													Number	Drawn date	Number	Drawn date	Number	Drawn date	Number	Drawn date
			Product W5X62		ENGINE OUTLINE VIEW A180-L Motorsansichten A180-L															
Units	mm kg	IDE			Basic Material				Net Weight 0,001											
Mode	18.07.2011 csc001 C. Schmitz				Scale 1:45		Size	Page 1/1	Material	PAAD055119										
Chk	20.02.2012 pne001 Nreacher				Design Group															
Appt	20.02.2012 bfr005 Feri				0812		Drawing ID	DAAD019094	Rev.	D										

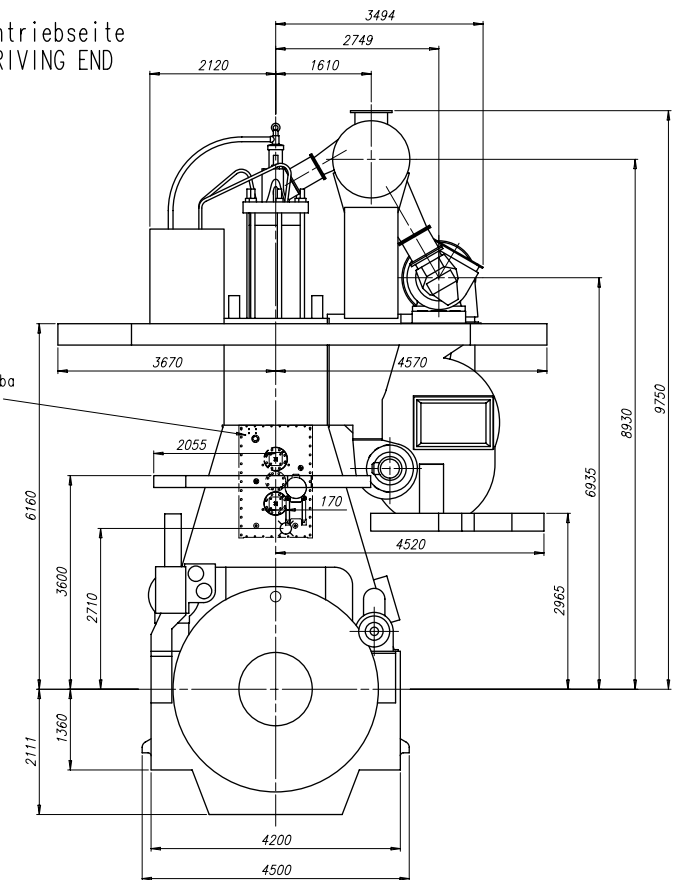
Abgasseite  
EXHAUST SIDE



Mitte Kurbelwelle (A)



Antriebsseite  
DRIVING END



\* Platz fuer Demontage  
SPACE FOR REMOVAL


\* Nur bei Ausfuehrung mit Elba  
ONLY FOR DESIGN WITH ELBA

\* Nur bei Standard Ausfuehrung  
ONLY FOR STANDARD DESIGN

ca. Schwerpunkt  
APPROX. CENTRE OF GRAVITY

Gewicht ohne Wasser und Öl= 325 t  
WEIGHT WITHOUT WATER AND OIL

① TURBOCHARGER A165-L/A265-L

1	001	PAAD082991	DISMANTLING DIMENSIONS		DAAD027102		0.001
QTY	ISO ID	Material ID	Material Name	Dimension/Occ.Dimension	Standard or Drawing	Basic Material Material Standard	Weight kg / NET
						G-code XXXXX Standard ISO JIS	Unit H
Modell	A EAAD086336 18.12.2015						
	Number	Draw date	Number	Draw date	Number	Draw date	
Product W5X62			ENGINE OUTLINE VIEW A165-L/A265-L Motoransichten A165-L/A265-L				
 Winnener Glas & Schmelz							
Units	mm kg	IDE		Basic Material		Net Weight 0.001	
Mode	07.07.2014 csc001 C.Schultz		Scale 1:45		Size A1	Page 1/1	Material PAAD197021
Mod	07.07.2014 aDu05 Furrer		Design Group 0812		Drawing ID	DAAD052710	
Ok	22.12.2015 bha009 Hoag						Rev. A

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

⑤ 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

Ⓐ Gewicht ohne Hebwerkzeug:  
WEIGHT WITHOUT LIFTING TOOL:

Ⓐ Gewicht ohne Hebwerkzeug:  
WEIGHT WITHOUT LIFTING TOOL:

Ⓐ Gewicht ohne Hebwerkzeug:  
WEIGHT WITHOUT LIFTING TOOL:

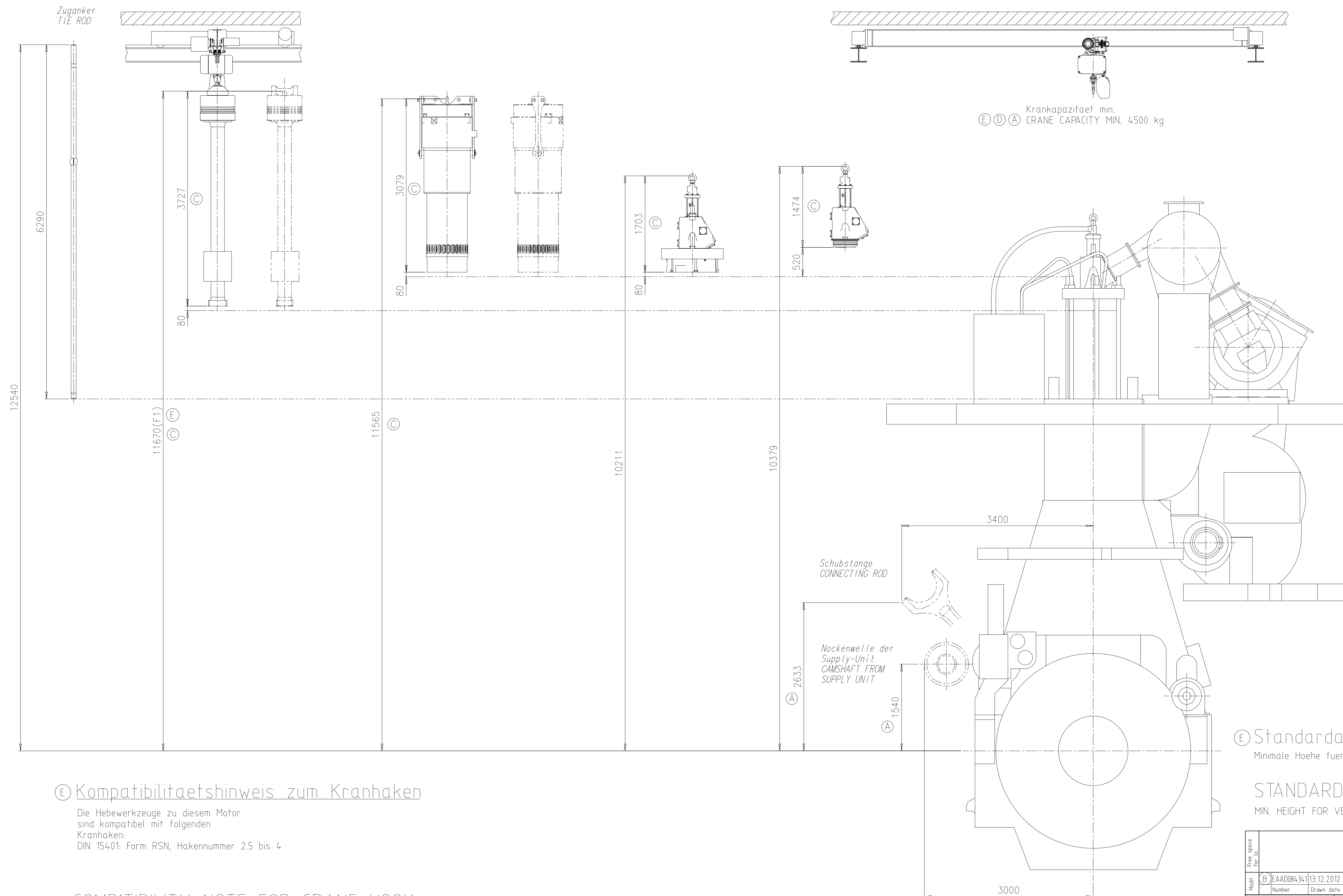
Ⓐ Gewicht ohne Hebwerkzeug:  
WEIGHT WITHOUT LIFTING TOOL:

Ⓔ 2015 kg

3800 kg

(E) 2220 kg

Ⓔ 675 kg



⑤ 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


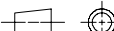
THE LIFTING TOOLS FOR THIS ENGINE  
ARE COMPATIBLE WITH FOLLOWING  
CRANE HOOK:  
DIN 15401: SHAPE RSN, HOOK NUMBER 2.5 TO 4

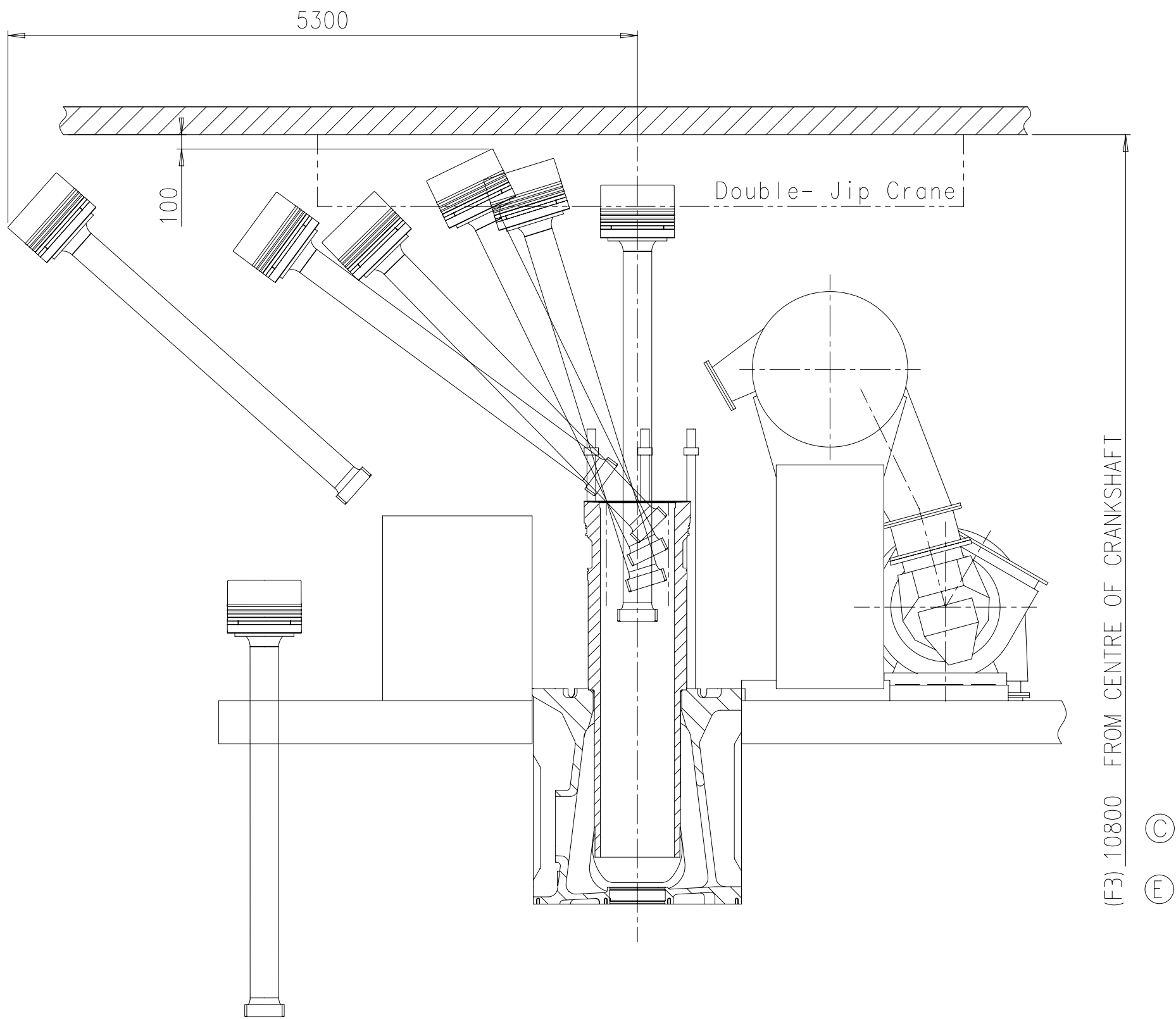
© Standardausbau

Minimale Hoehe fuer den vertikalen Ausbau: F1

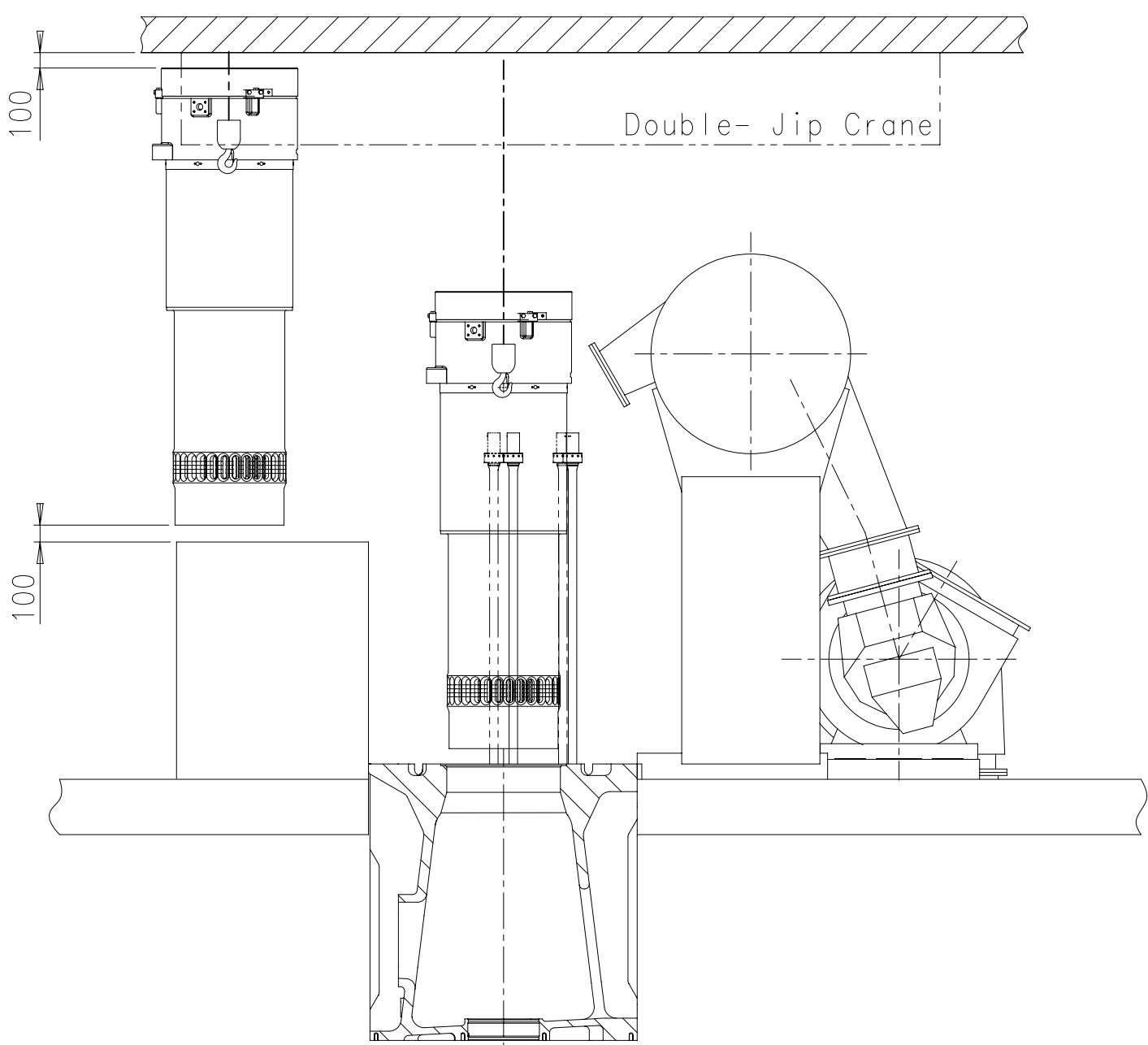
## STANDARD DISMANTLING

MIN. HEIGHT FOR VERTICAL REMOVAL: F1

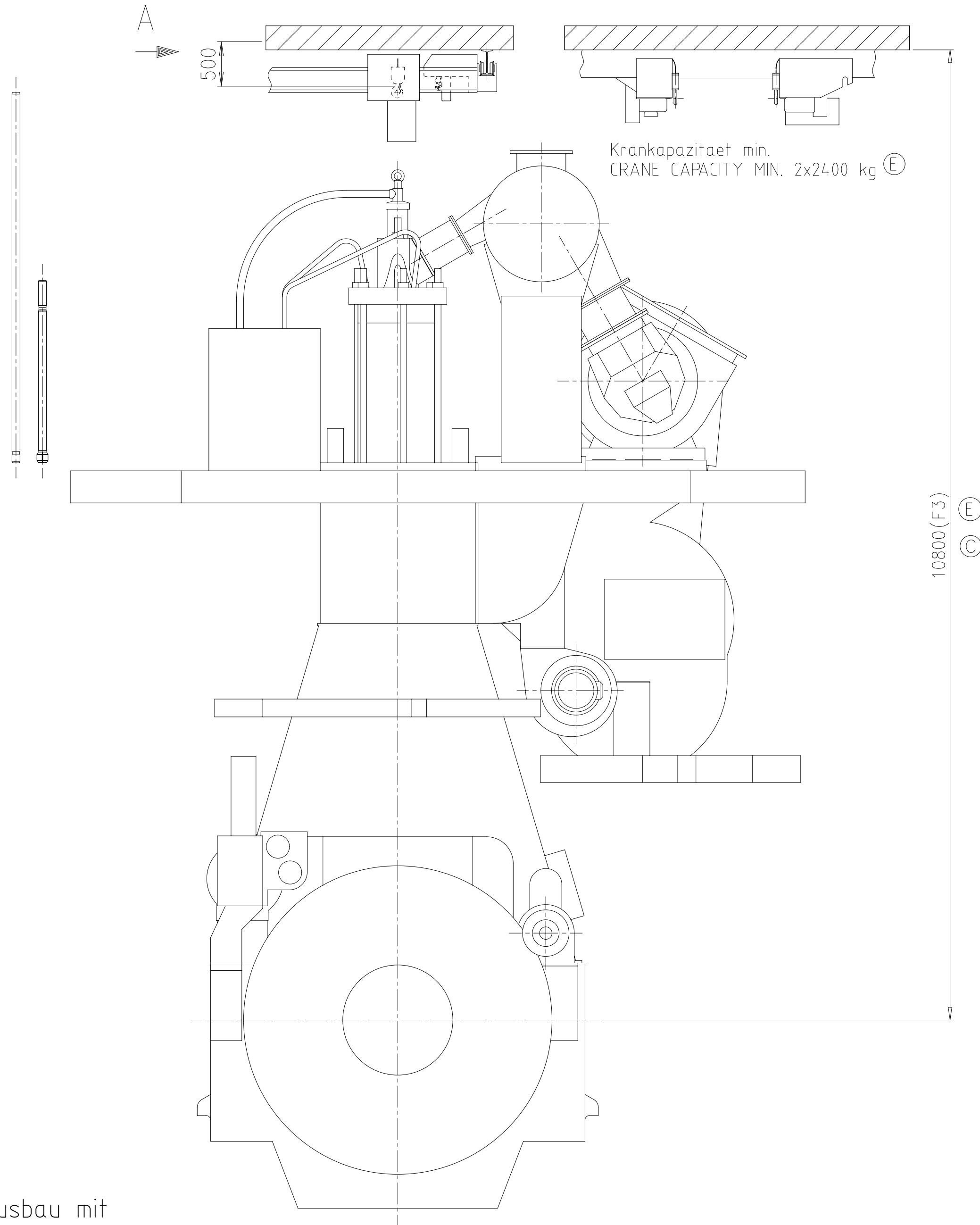
Free space for list										Q-Code XXXXXX		Main Draw.
										Standard ISO: JIS		
Modif.	B	EAAD084341	13.12.2012	C	EAAD084682	09.07.2013	D	EAAD085438	24.09.2014	E	EAAD091495	22.04.2020
		Number	Drawn date		Number	Drawn date		Number	Drawn date		Number	Drawn date
			Product W-X62			DISMANTLING DIMENSIONS						
 Wintertur Gas & Diesel			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 PAAD082991		
Chkd	02.05.2012	pne001 Neracher		Design Group 0812		Drawing ID DAAD027102				Rev. E		
Appd	03.05.2012	brf005 Freier										



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 Hebwerkzeuge 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 Hebwerkzeuge 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

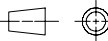
Für gekippten Ausbau mit Double-Jib E/R Kran von Fuchs Foerdertechnik AG

## 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	Number			Drawn date	Number			Drawn date	Number			Drawn date	
GENERAL TOLERANCES ACCORDING TO ISO2768-mK	Appd				Appd				Appd				

Free space for file		G-Code XXXXXX		Main Drw.									
		Standard ISO; JIS											
Modif.	B	E	AAD08434	13.12.2012	C	EAD084682	09.07.2013	D	EAD085438	24.09.2014	E	EAD091495	22.04.2020
	Number	Drawn date	Number	Drawn date	Number	Drawn date	Number	Drawn date	Number	Drawn date	Number	Drawn date	
Product W-X62			DISMANTLING DIMENSIONS										
WIN GD Winterthur Gas & Diesel			Ausbaumasse										
Units	mm kg	NX				Basic Material						Net Weight 0,001	
Made	17.04.2012	csc001 C.Schmutz		Scale 1:25		Size A1		Page 2/2		Material ID		PAAD082991	
Chkd	02.05.2012	pne001 Neracher		Design Group		Drawing ID		DAAD027102		Rev.		E	
Appd	03.05.2012	bf0005 Frei		0812									

## WinGD-5X62\_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

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