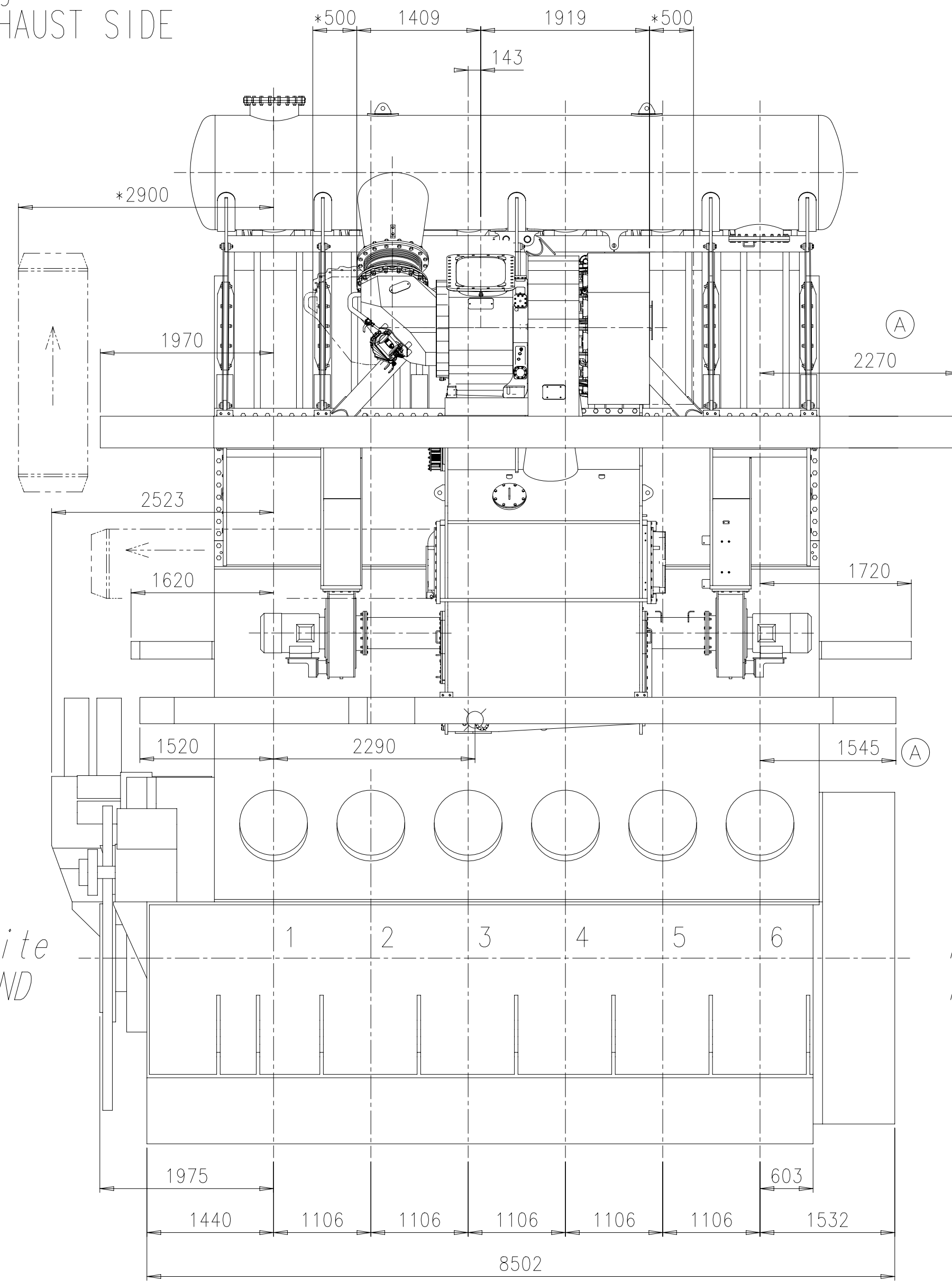


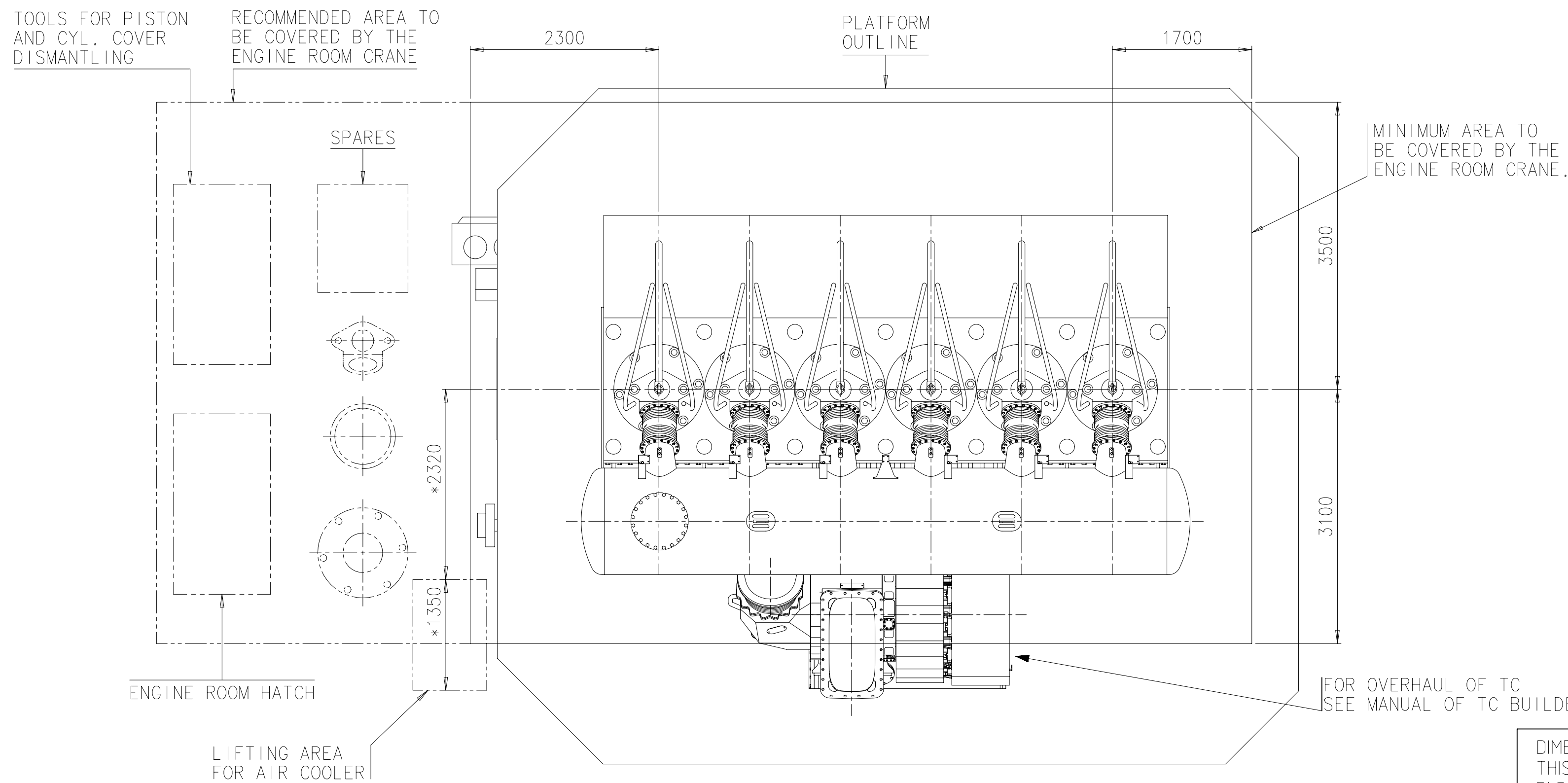
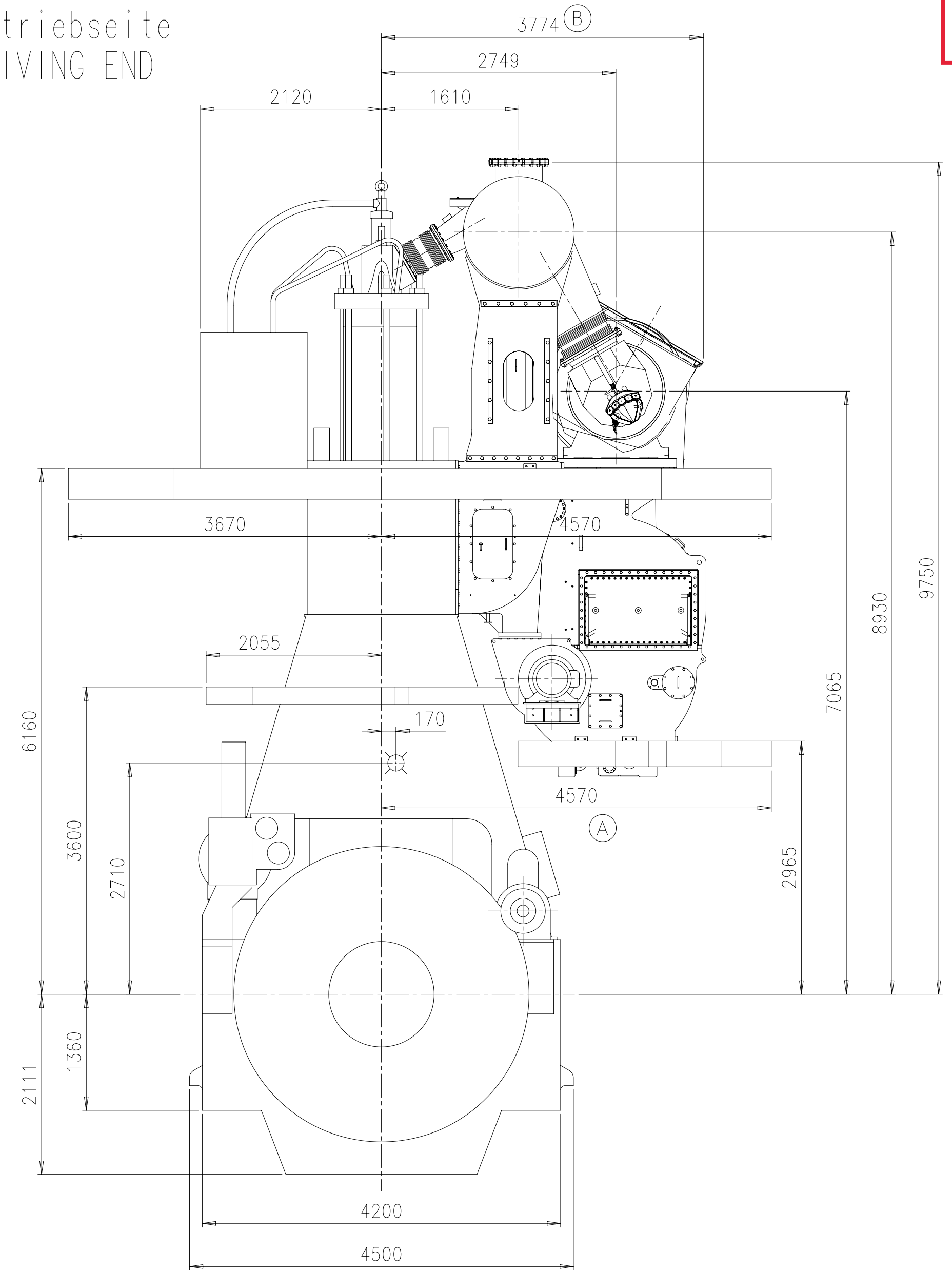
Abgasseite  
EXHAUST SIDE



Antriebsseite  
DRIVING END

Freies Ende  
FREE END

Antriebsseite  
DRIVING END



ca. Schwerpunkt  
APPROX. CENTRE OF GRAVITY

Gewicht ohne Wasser und Öl= 377 t  
WEIGHT WITHOUT WATER AND OIL

\* Platz fuer Demontage  
SPACE FOR REMOVAL

TURBOCHARGER A175-L

Net Weight  
0,001

1	001	PAAD185792	DISMANTLING DIMENSIONS		DAAD064309		0,001
Quantity PER ENGINE	SEQ. NO.	Material ID	Material Name	Dimension, Occ.	Standard or Drawing	Basic Material Material Standard	Weight GR/NET
PAAD170965	Free space for TC					XXXXX Standard ISO; JIS	Main Drw. H
Modif. A	EAAD086058	26.09.2016	Modif. B	EAAD094154	31.07.2020		
Material	Number	Drawn date	Number	Drawn date	Number	Drawn date	Number

WINGD  
Winterthur Gas & Diesel

Product  
W6X62DF (STD)

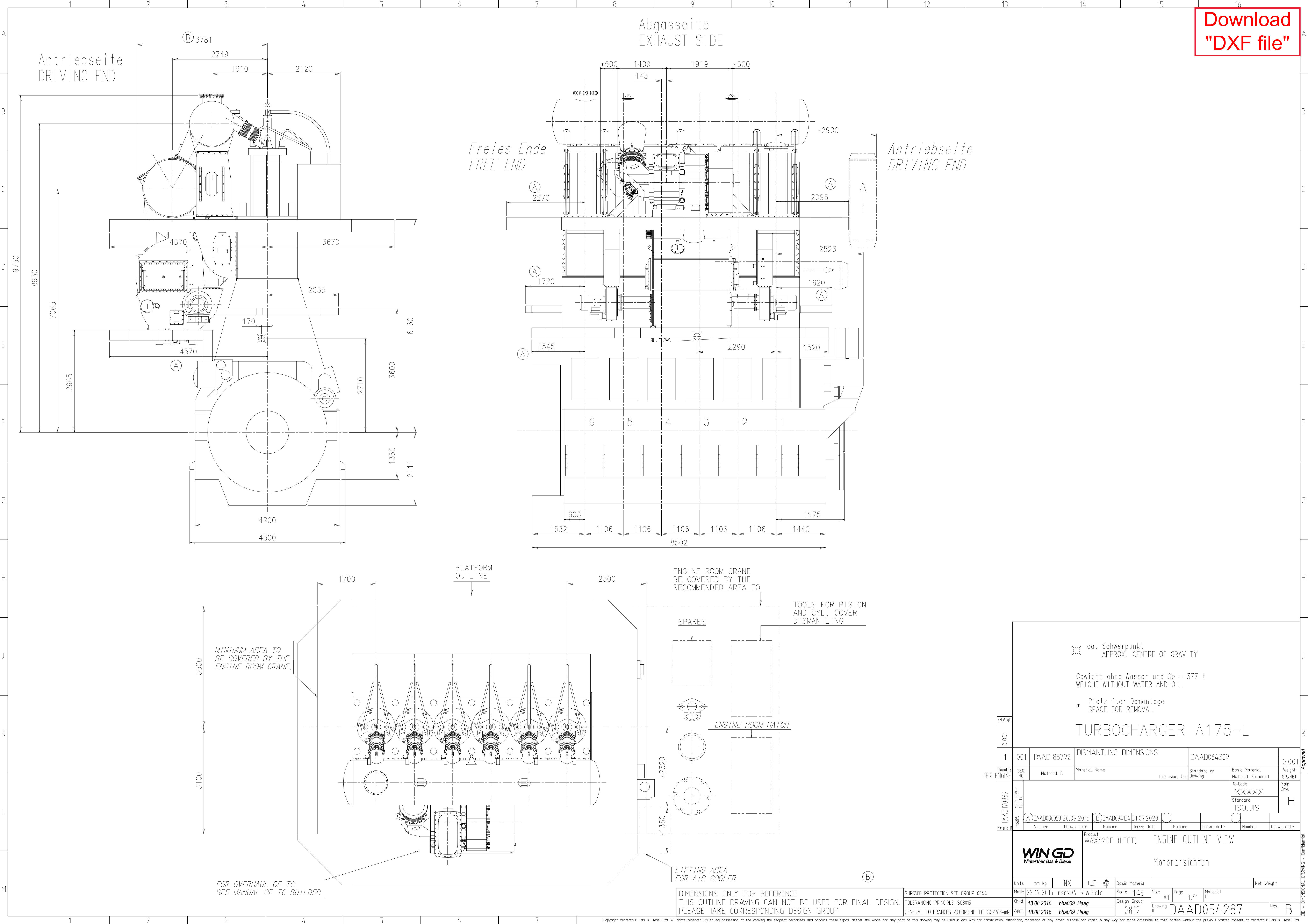
ENGINE OUTLINE VIEW

Motoransichten

Units	mm kg	NX	Basic Material	Net Weight
Made	22.12.2015	rs0x04	R.W.Sola	Scale 1:45
Chkd	18.08.2016	bha009	Haag	Design Group
Appd	18.08.2016	bha009	Haag	0812
Drawing ID	DAAD054272			Rev. B

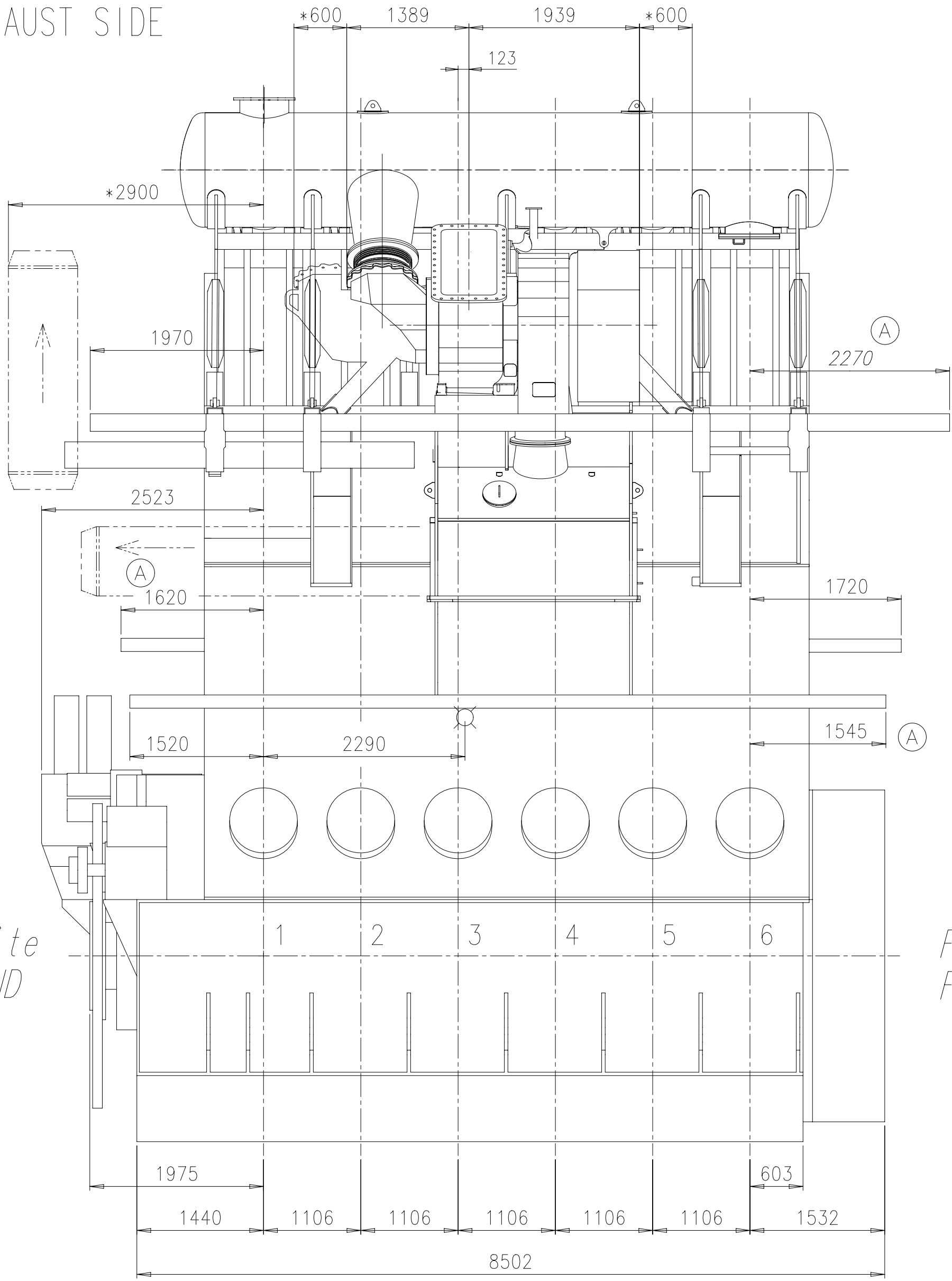
DIMENSIONS ONLY FOR REFERENCE  
THIS OUTLINE DRAWING CAN NOT BE USED FOR FINAL DESIGN.  
PLEASE TAKE CORRESPONDING DESIGN GROUP

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





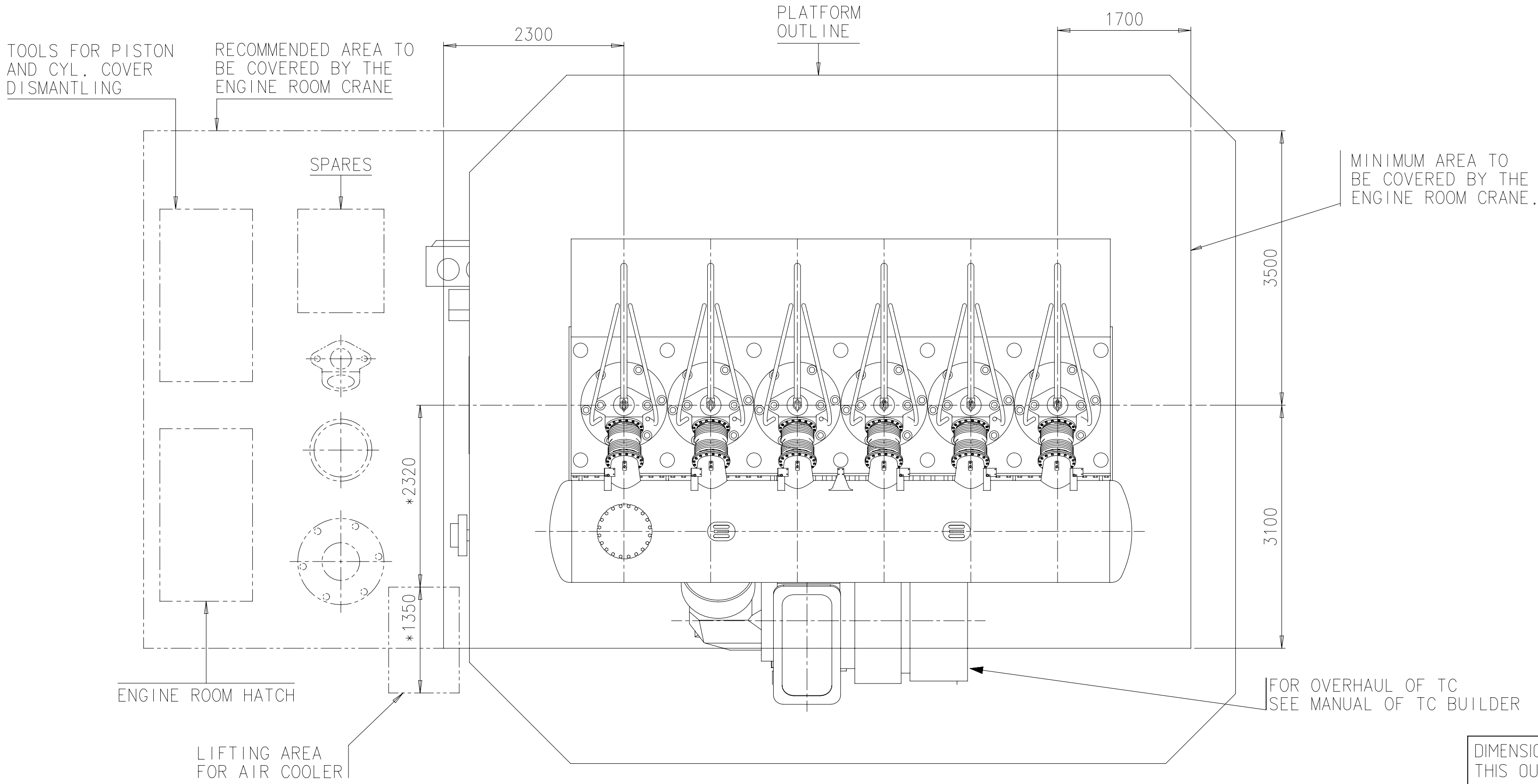
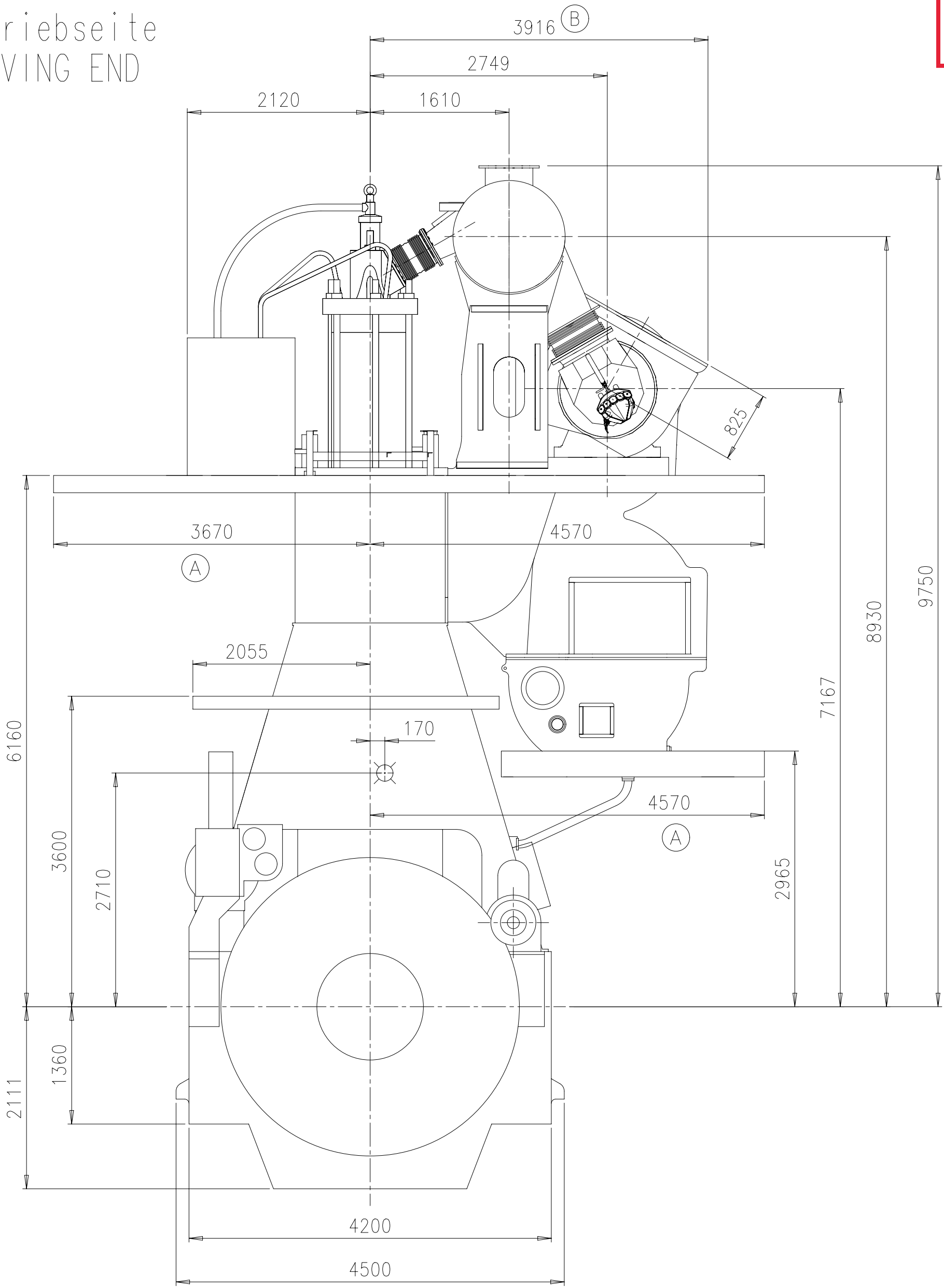
Abgasseite  
EXHAUST SIDE



Antriebsseite  
DRIVING END

Freies Ende  
FREE END

Antriebsseite  
DRIVING END



ca. Schwerpunkt  
APPROX. CENTRE OF GRAVITY  
Gewicht ohne Wasser und Öl= 377 t  
WEIGHT WITHOUT WATER AND OIL

\* Platz fuer Demontage  
SPACE FOR REMOVAL

TURBOCHARGER A180-L

Net Weight	0,001	1	001	PAAD185792	DISMANTLING DIMENSIONS			DAAD064309		0,001
Quantity PER ENGINE	SEQ. NO.	Material ID	Material Name			Dimension, Occ.	Standard or Drawing	Basic Material Material Standard	Weight GR/NET	
PAAD177600	Free space for TC							XXXXX Standard ISO, JIS	Main Drw.	H
Modif.	EAAD086058	26.09.2016	EAAD094154	29.07.2020						
Material	Number	Drawn date	Number	Drawn date	Number	Drawn date	Number	Drawn date	Number	Drawn date
Units			mm	kg	NX	Basic Material			Net Weight	
Made			28.11.2014	A.Chiwacumar			Scale	1:45	Size	A1
Chkd			17.03.2015	ast044 Stephan			Design Group		Page	1/1
Appd			17.03.2015	bha009 Haag			Drawing ID		DAAD056500	
								Rev.		B

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SURFACE PROTECTION SEE GROUP 034.4  
TOLERANCING PRINCIPLE ISO8015  
GENERAL TOLERANCES ACCORDING TO ISO2768-mK

Product W6X62DF (STD)  
ENGINE OUTLINE VIEW  
Motoransichten

WINGD  
Winterthur Gas & Diesel

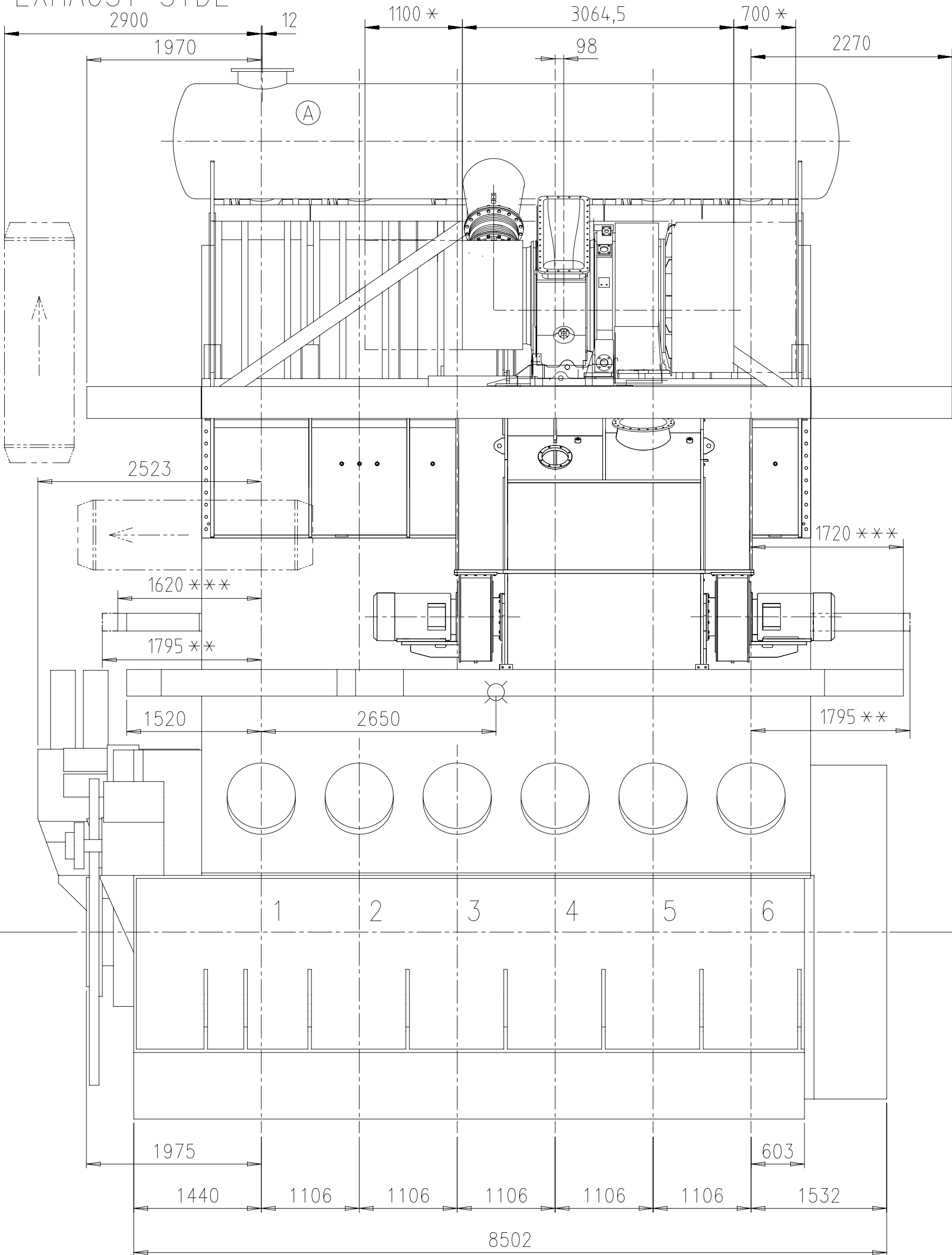
Approved

		ca. Schwerpunkt APPROX. CENTRE OF GRAVITY									
		Gewicht ohne Wasser und Öl= 377 t WEIGHT WITHOUT WATER AND OIL									
		* Platz fuer Demontage SPACE FOR REMOVAL									
Net Weight		0.001									
Quantity ENGINE		SEQ NO	Material ID	Material Name		Dimension, Occ		Standard or Drawing		Basic Material Material Standard	
1		001	PAAD185792	DISMANTLING DIMENSIONS		DAAD064309				0,001 Weight GR./NET	
PAAD171615		Free state for "K"								Q-Code XXXXXX Standard ISO, JIS	
Material		Mod.	A	EAAD094154	30.07.2020						
		Number	Drawn date	Number	Drawn date	Number	Drawn date	Number	Drawn date	Main Drw. H	
		Product W6X62DF (LEFT)		ENGINE OUTLINE VIEW							
		WINGD Winterthur Gas & Diesel		Motoransichten							
Units		mm kg	NX			Basic Material				Net Weight	
Made		28.11.2014	A.Chiwacumar	Scale		1:45		Size		A1	
Chkd		10.06.2015	bha009 Haag	Design Group		0812		Page		1/1	
Appd		10.06.2015	bha009 Haag	Drawing ID		DAAD056507		Material ID		Rev.	
										A	



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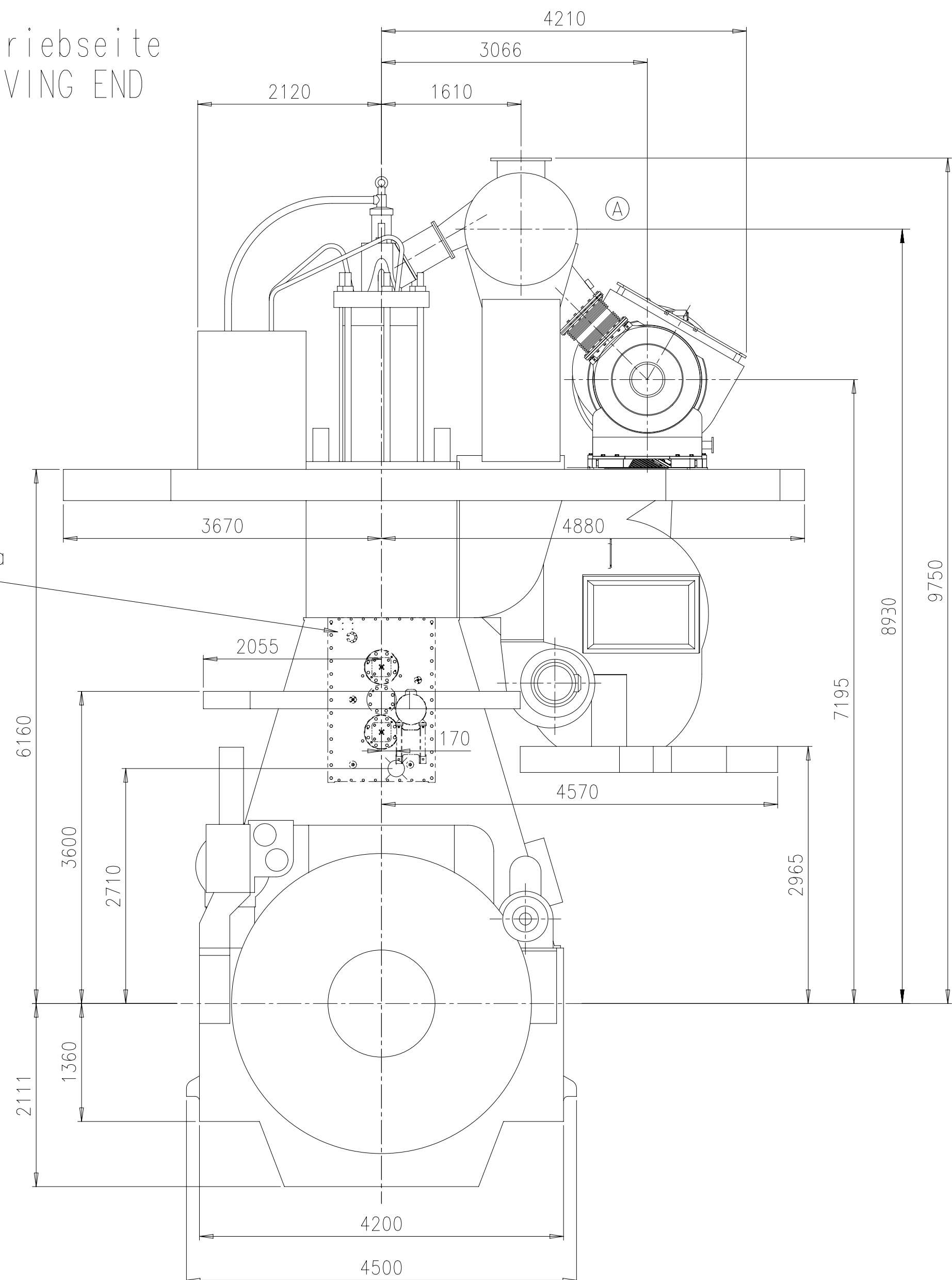
Abgasseite  
EXHAUST SIDE



Nur bei Ausfuehrung mit Elba  
ONLY FOR DESIGN WITH ELBA

Nur bei Ausfuehrung mit Elba  
ONLY FOR DESIGN WITH ELBA

Antriebsseite  
DRIVING END



Nur bei Ausfuehrung mit Elba  
ONLY FOR DESIGN WITH ELBA

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.

Nur bei Ausfuehrung mit Elba  
ONLY FOR DESIGN WITH ELBA

ENGINE ROOM HATCH

LIFTING AREA FOR  
SCAVENGE AIR COOLER

Nur bei Ausfuehrung mit Elba  
ONLY FOR DESIGN WITH ELBA

FOR OVERHAUL OF TC  
SEE MANUAL OF TC BUILDER

- \* 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 Oel= 377 t  
WEIGHT WITHOUT WATER AND OIL

TURBOCHARGER 1x MET66MB

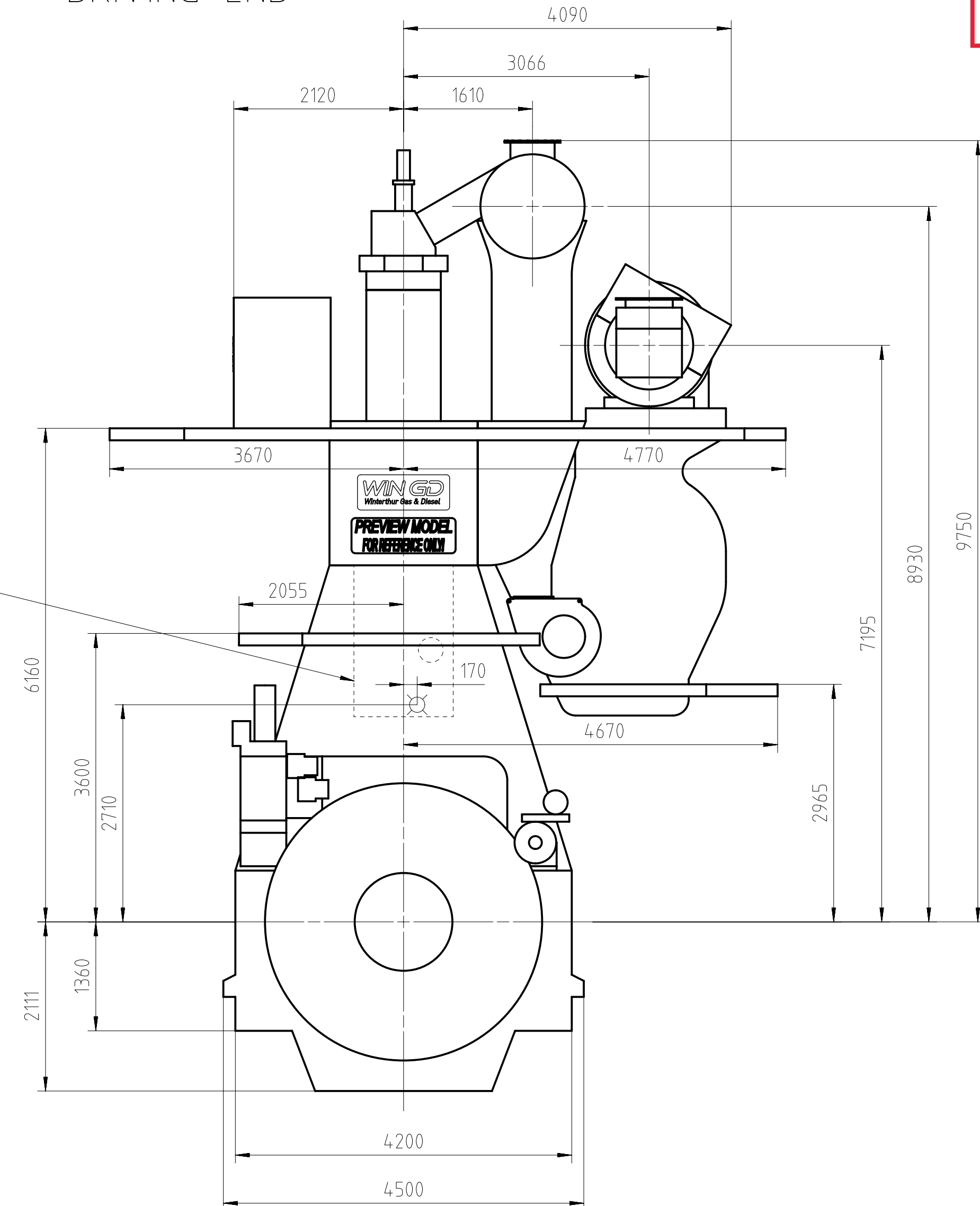
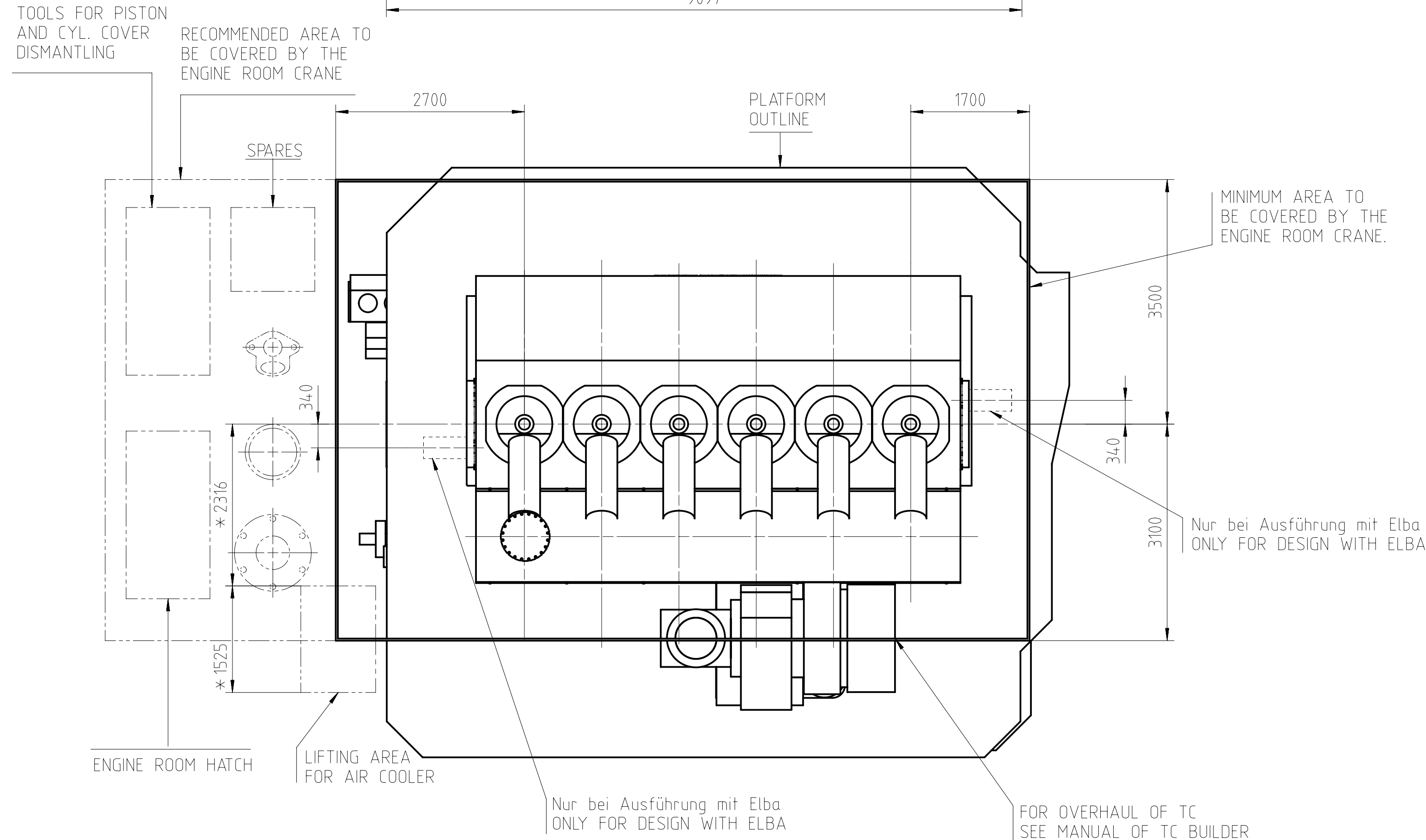
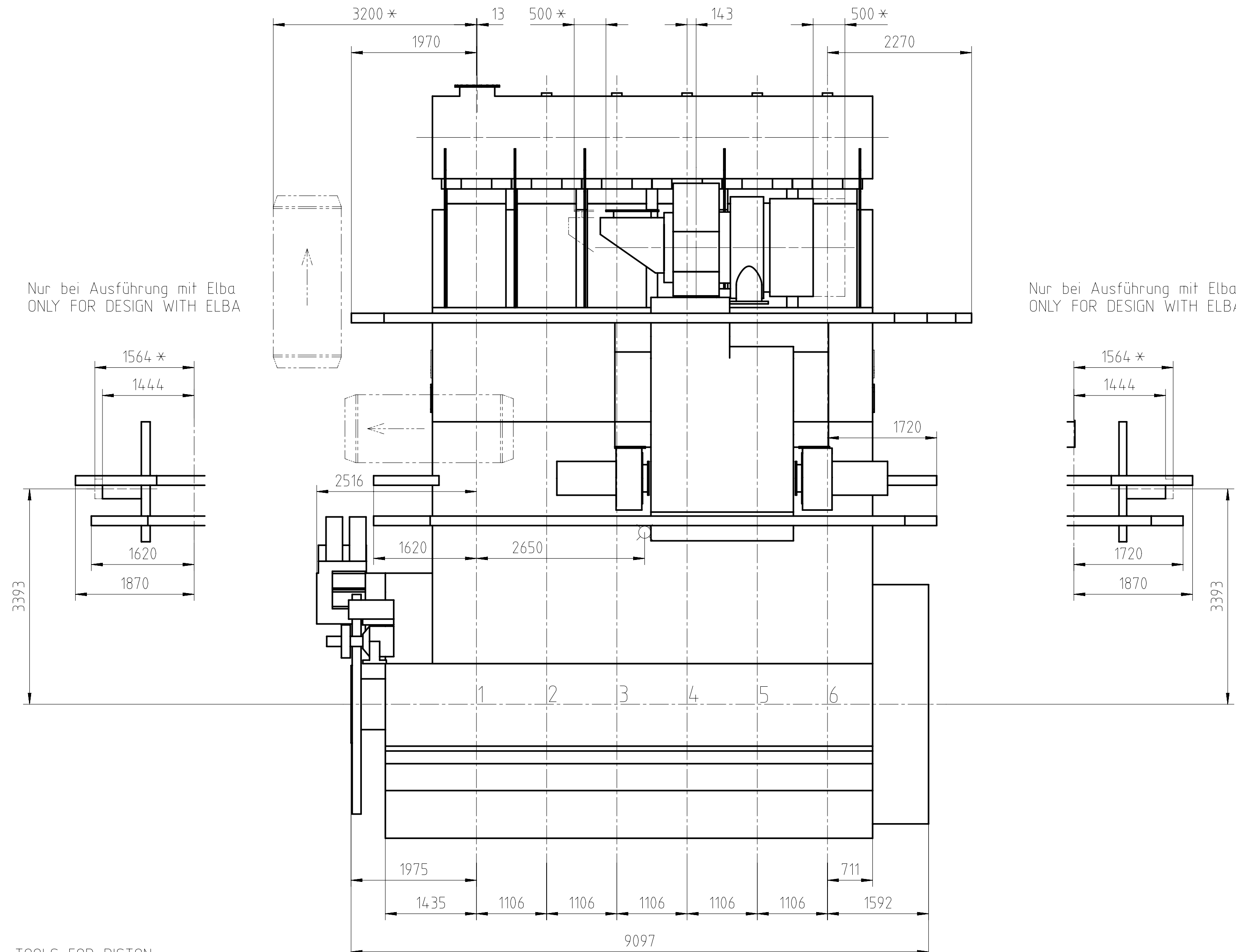
Net Weight	0,001
Quantity PER ENGINE	1
SEQ. NO.	001
Material ID	PAAD185792
Material Name	DISMANTLING DIMENSIONS
Dimension, Occ.	DAAD064309
Basic Material	
Material Standard	
Q-Code	XXXXX
Standard	ISO, JIS
Main Drw.	H
Modif.	EAAD092030
Number	21.01.2020
Drawn date	17.01.2020
Modif.	EAAD096542
Number	27.04.2021
Drawn date	
Product	6X62DF
ENGINE OUTLINE VIEW	
Motoransichten	
Units	mm kg NX
Made	05.12.2019 pgu101 Gut
Scale	1:45
Size	A1
Page	1/1
Material ID	DAAD124998
Rev.	A
Design Group	0812
Appd	17.01.2020 sth017 Thalmann
GENERAL TOLERANCES ACCORDING TO ISO2768-mK	
SURFACE PROTECTION SEE GROUP 0344	
TOLERANCING PRINCIPLE ISO8015	
Chkd	17.01.2020 ihe003 Herceg
Appd	17.01.2020 sth017 Thalmann

DIMENSIONS ONLY FOR REFERENCE  
THIS OUTLINE DRAWING CAN NOT BE USED FOR FINAL DESIGN.  
PLEASE TAKE CORRESPONDING DESIGN GROUP

Abgasseite  
EXHAUST SIDE

Antriebsseite  
DRIVING END

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\* Platz fuer Demontage  
SPACE FOR REMOVAL

WITH EXHAUST WASTE GATE (OPTIONAL)

ca. Schwerpunkt  
APPROX. CENTRE OF GRAVITY

Gewicht ohne Wasser und Oel= 377 t  
WEIGHT WITHOUT WATER AND OIL

TURBOCHARGER 1xA175-L

Net Weight		TURBOCHARGER 1x A175-L										
0.001												
1	001	PAAD185792		DISMANTLING DIMENSIONS				DAAD064309				0.001
Quantity	SEQ NO	Material ID		Material Name		Dimension, Dcc		Standard or Drawing		Basic Material Material Standard		Weight GR./NET
PER												
PAAD363196		Free space for I.C.								Q-Code XXXXXX Standard ISO; JIS		Main Drw. H
Material	Prod.	Number	Drawn date	Number	Drawn date	Number	Drawn date	Number	Drawn date	Number	Drawn date	
WIN GD Winterthur Gas & Diesel		Product W6X62DF		ENGINE OUTLINE VIEW  Motoransichten								
Units	mm kg	NX				Basic Material					Net Weight	
Made	28.08.2020	tch101 Chen		Scale 1:50		Size	Page	Material ID				
Ckcd	16.10.2020	ffa015 Fauler		Design Group		A1	1/1					
Appd	16.10.2020	sth017 Thalmann		0812		Drawing ID		DAAD134299		Rev.	-	
ISO 7267-mkC												

DIMENSIONS ONLY FOR REFERENCE  
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PLEASE TAKE CORRESPONDING DESIGN GROUP

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

Made	28.08.2020	fch101 Chen	Scale	1:50	Size	A1	Page	1/1	Material	ID	
Chkd	16.10.2020	ffa015 Fauler	Design Group		Drawing ID	DAAD134299					Rev.
Appd	16.10.2020	eth017 Thalmann	0812								-



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

Gewicht ohne Hebwerkzeug:  
WEIGHT WITHOUT LIFTING TOOL:

1820 kg

Zylindereinsatz mit  
Wasserleitmantel  
CYLINDER LINER WITH  
WATER GUIDE JACKET

Gewicht ohne Hebwerkzeug:  
WEIGHT WITHOUT LIFTING TOOL:

3830 kg

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

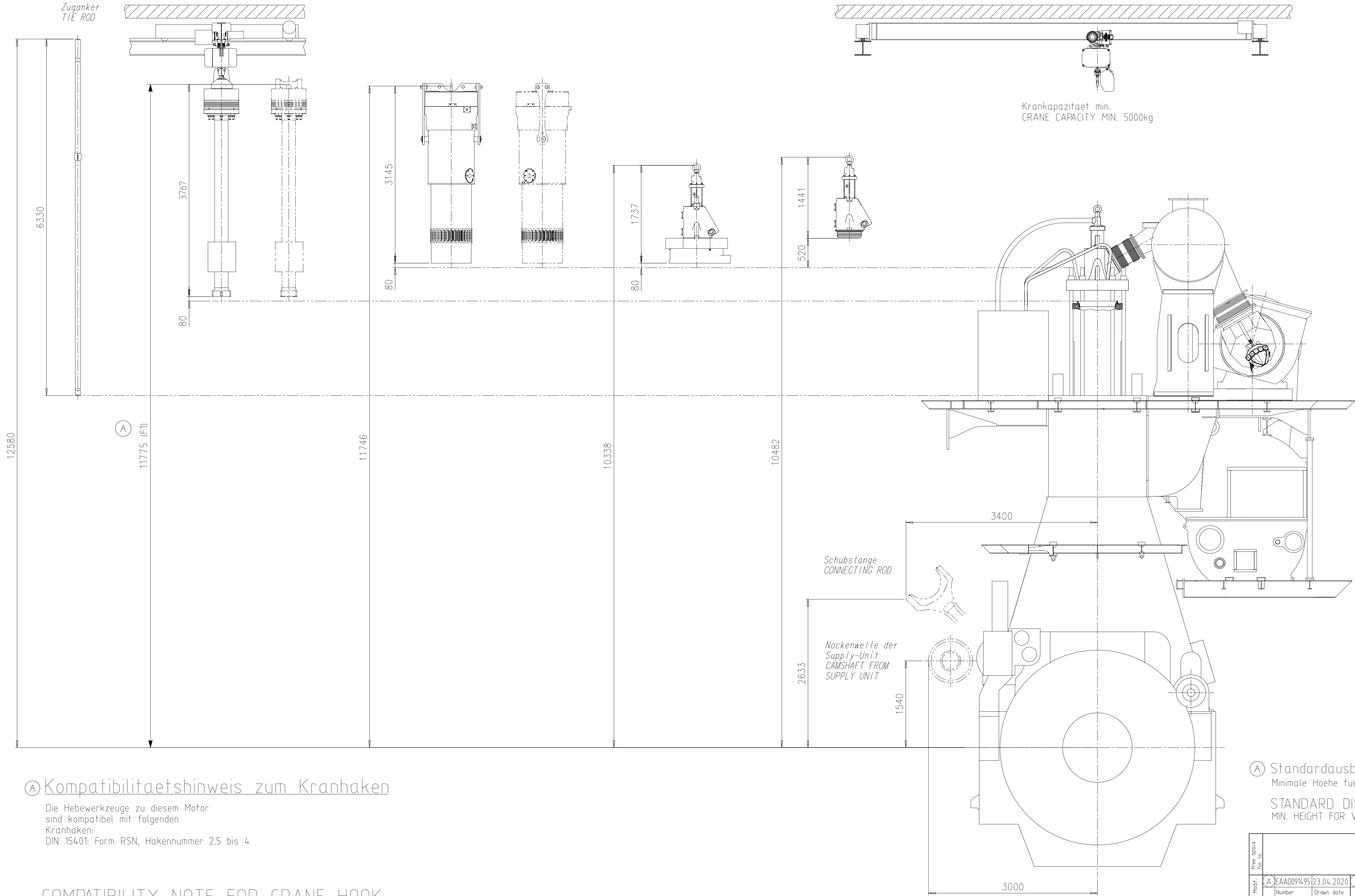
Gewicht ohne Hebwerkzeug:  
WEIGHT WITHOUT LIFTING TOOL:

2675 kg

Auslassventil komplett  
EXHAUST VALVE COMPLETE

Gewicht ohne Hebwerkzeug:  
WEIGHT WITHOUT LIFTING TOOL:

680 kg



### Ⓐ Kompatibilitaetshinweis zum Kranhaken

Die Hebwerkzeuge zu diesem Motor  
sind kompatibel mit folgenden  
Kranhaken:  
DIN 15401: Form RSN, Hakennummer 2.5 bis 4

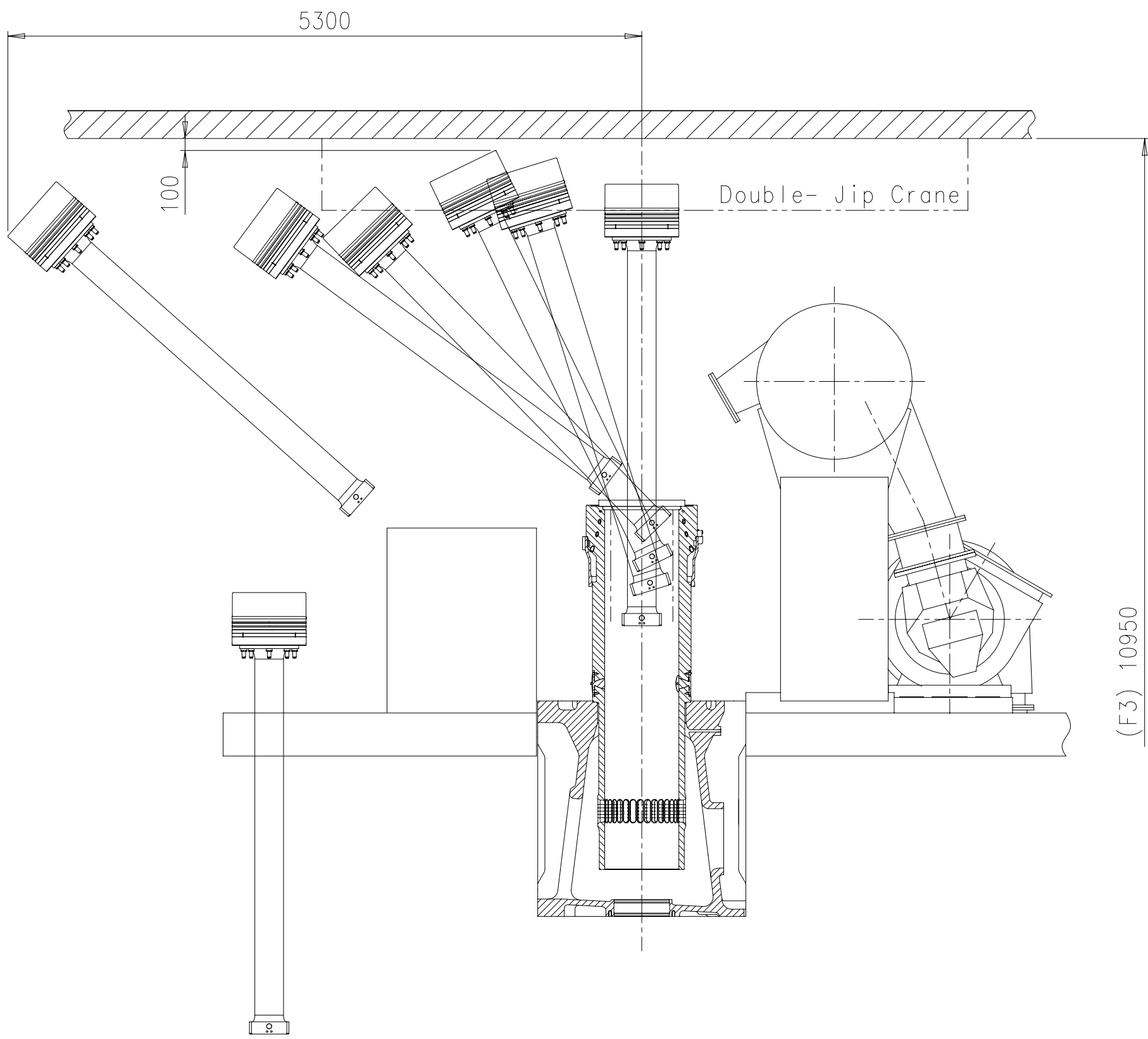
### COMPATIBILITY NOTE FOR CRANE HOOK

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

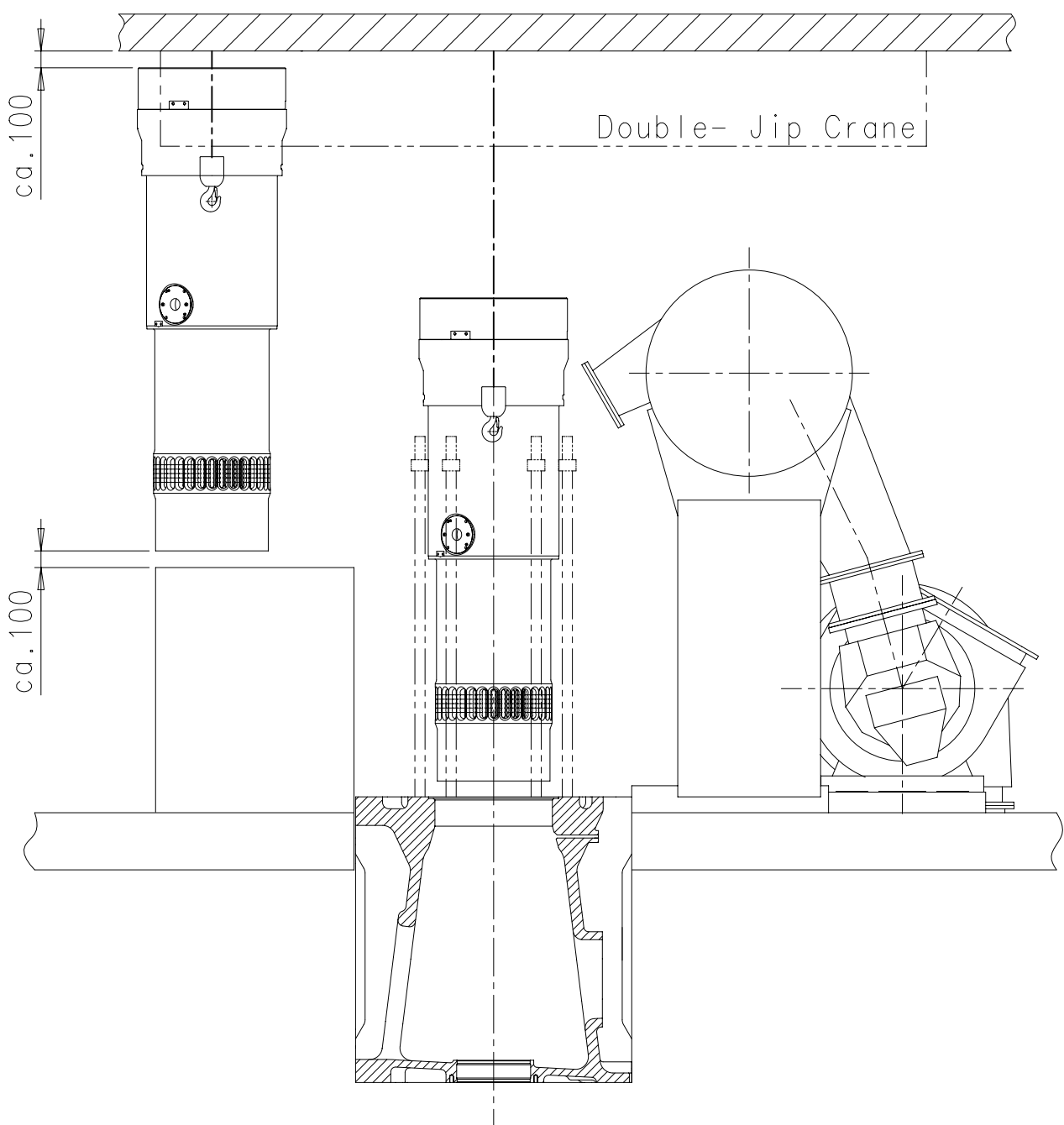
Ⓐ Standardausbau  
Minimale Hoehe fuer den vertikalen Ausbau: F1

STANDARD DISMANTLING  
MIN. HEIGHT FOR VERTICAL REMOVAL: F1

Free space for file				D-Code XXXXXX Standard ISO, JIS		Main Dw.
Modif.	A	EAAD091495	23.04.2020			
Number		Drawn date		Number	Drawn date	Number
Product W-62DF		DISMANTLING DIMENSIONS		Ausbaumasse		
Units	mm kg	NX	Basic Material	Net Weight 0,001		
Made	13.03.2015	mda006	Dacic	Scale	1:35	Size
Chkd	17.03.2015	ast044	Stephan	Design Group		Page
Appd	17.03.2015	bha009	Haag	Drawing ID	DAAD064309	Rev.
SURFACE PROTECTION SEE GROUP 0344		TOLERANCING PRINCIPLE ISO8015		PAAD185792		
GENERAL TOLERANCES ACCORDING TO ISO2768-mK				A		

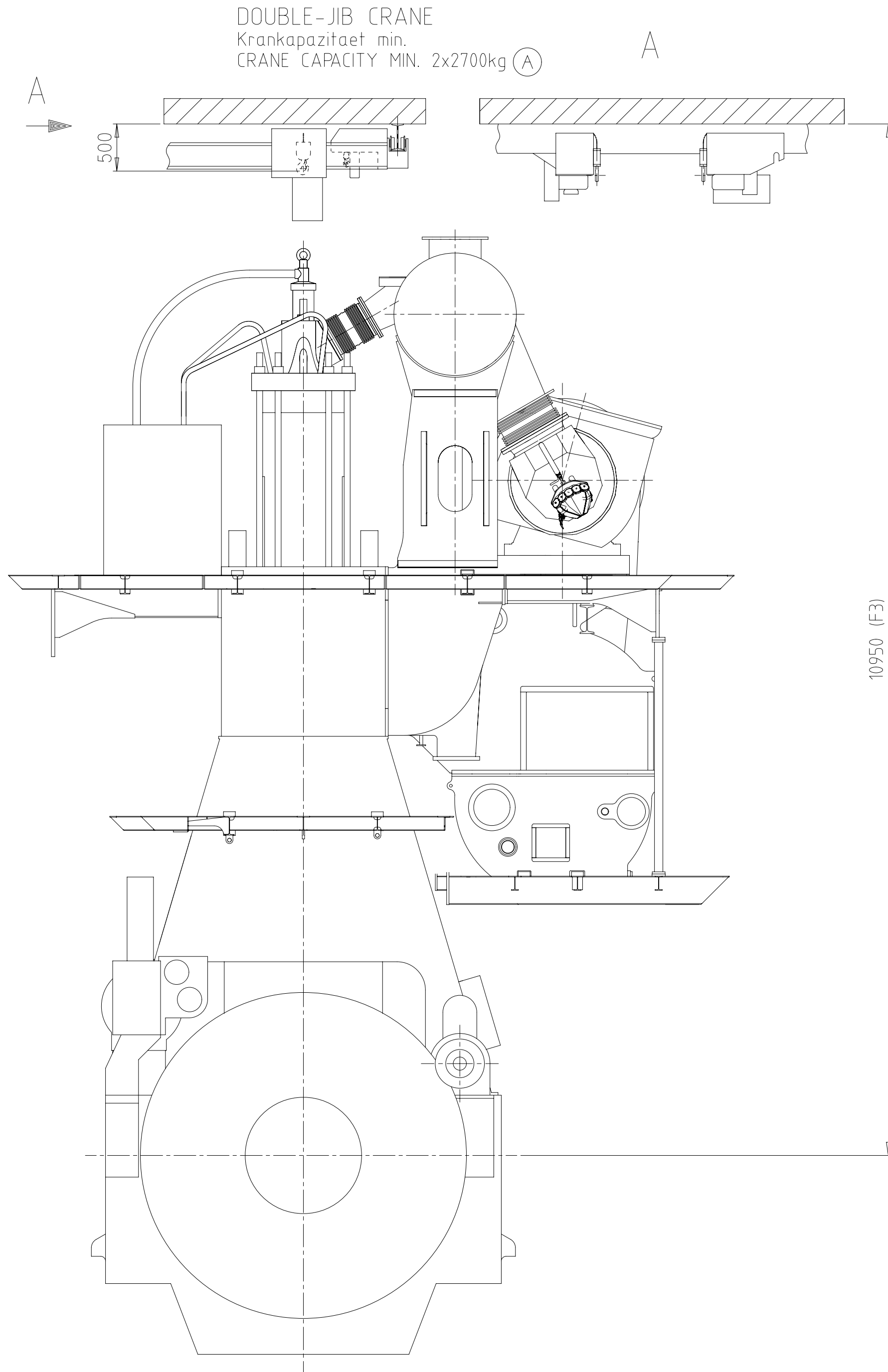
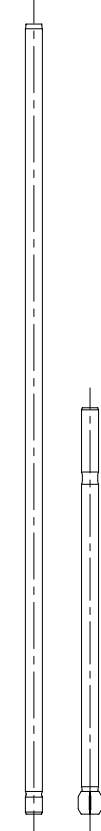


1. Disassembly of cylinder cover
2. Disassemble three cylinder cover bolts on fuel side
3. Pull out the piston with standard piston disassembly tool, then attach tool for further lifting
4. Proceed with tilted piston removal
5. place piston on support for overhaul



6. Screw in the suspension points on the cylinder liner
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

Zuganker  
TIE ROD



## Ⓐ 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-JIB 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 variiert 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

SURFACE PROTECTION SEE GROUP 0344	Modif.	Number	Drawn date	Number	Drawn date	Number	Drawn date	Number	Drawn date
TOLERANCING PRINCIPLE ISO8015	17.03.2015	ast044	Stephan	17.03.2015	bha009	Haag	0812	DAAD064309	Rev. A
GENERAL TOLERANCES ACCORDING TO ISO2768-mK	Appd	17.03.2015	bha009	Haag	0812	DAAD064309	Rev. A		

Free space for file	0-Code XXXXXX Standard ISO; JIS	Main Drw.
Modif.	EAAD091495	23.04.2020
Product	W-62DF	DISMANTLING DIMENSIONS
Basic Material	Ausbaumasse	Net Weight 0,001
Units	mm kg	NX
Made	13.03.2015	mda006
Design Group	ast044	Stephan
Scale	1:40	Size A1
Page	2/2	Material ID PAAD185792
Drawing ID	DAAD064309	Rev. A



## WinGD-6X62DF\_Engine-outline-views

### TRACK CHANGES

DATE	SUBJECT	DESCRIPTION
2018-02-26	DRAWING SET	First web upload
2020-07-20	DAAD124998 DAAD064309	Engine Outline View for Turbocharger type 1xMET66MB has been replaced. Revised Dismantling Dimensions drawing has been updated.
2021-06-01	PAAD170965 PAAD170989 PAAD177600 PAAD177615 PAAD345702  PAAD363196	Engine Outline View for Turbocharger type 1xA175-L/A180-L_STD & LEFT and 1xMET66MB have been updated.     Engine Outline View for Turbocharger type 1xA175-L has been added.

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