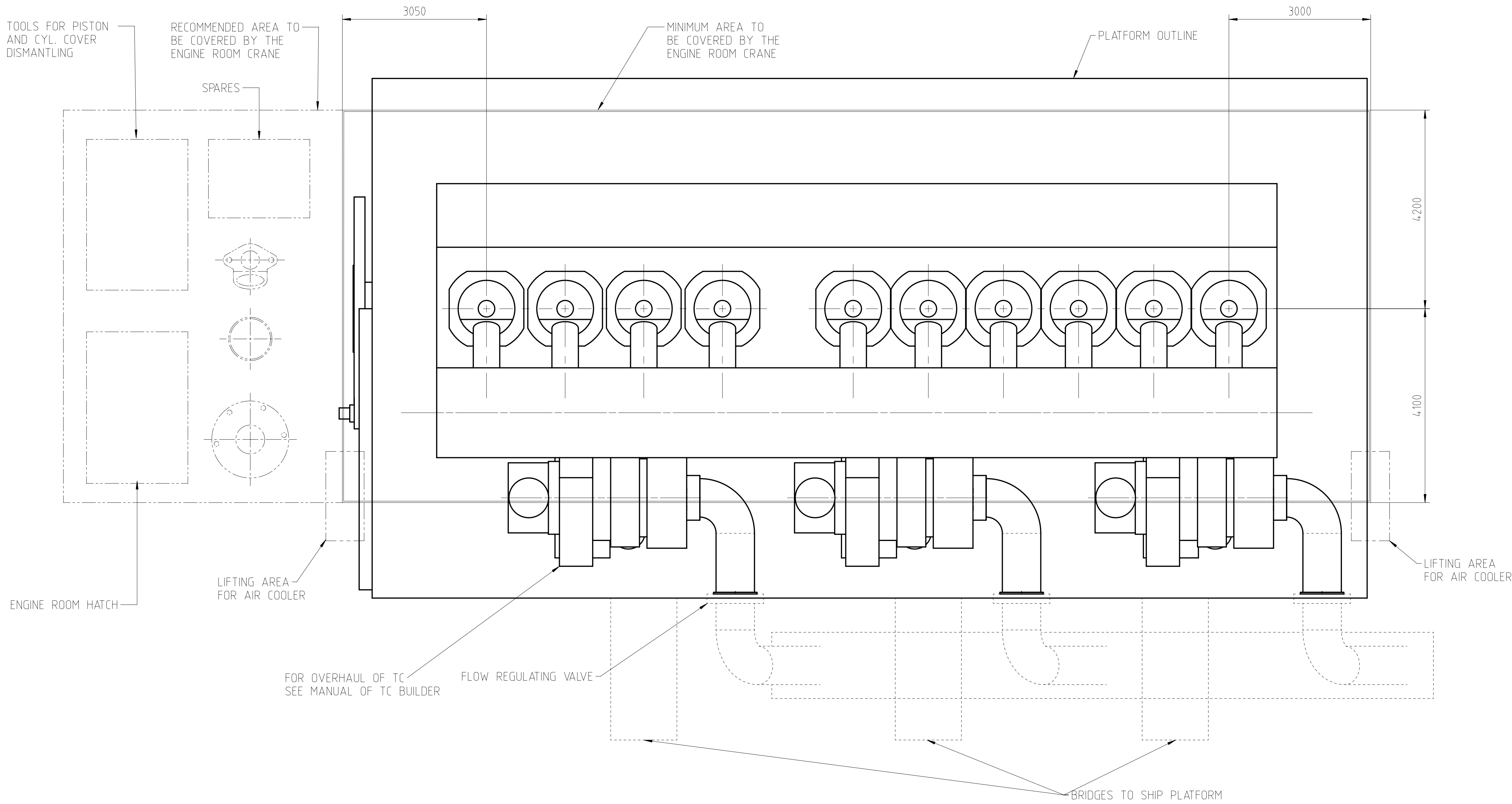
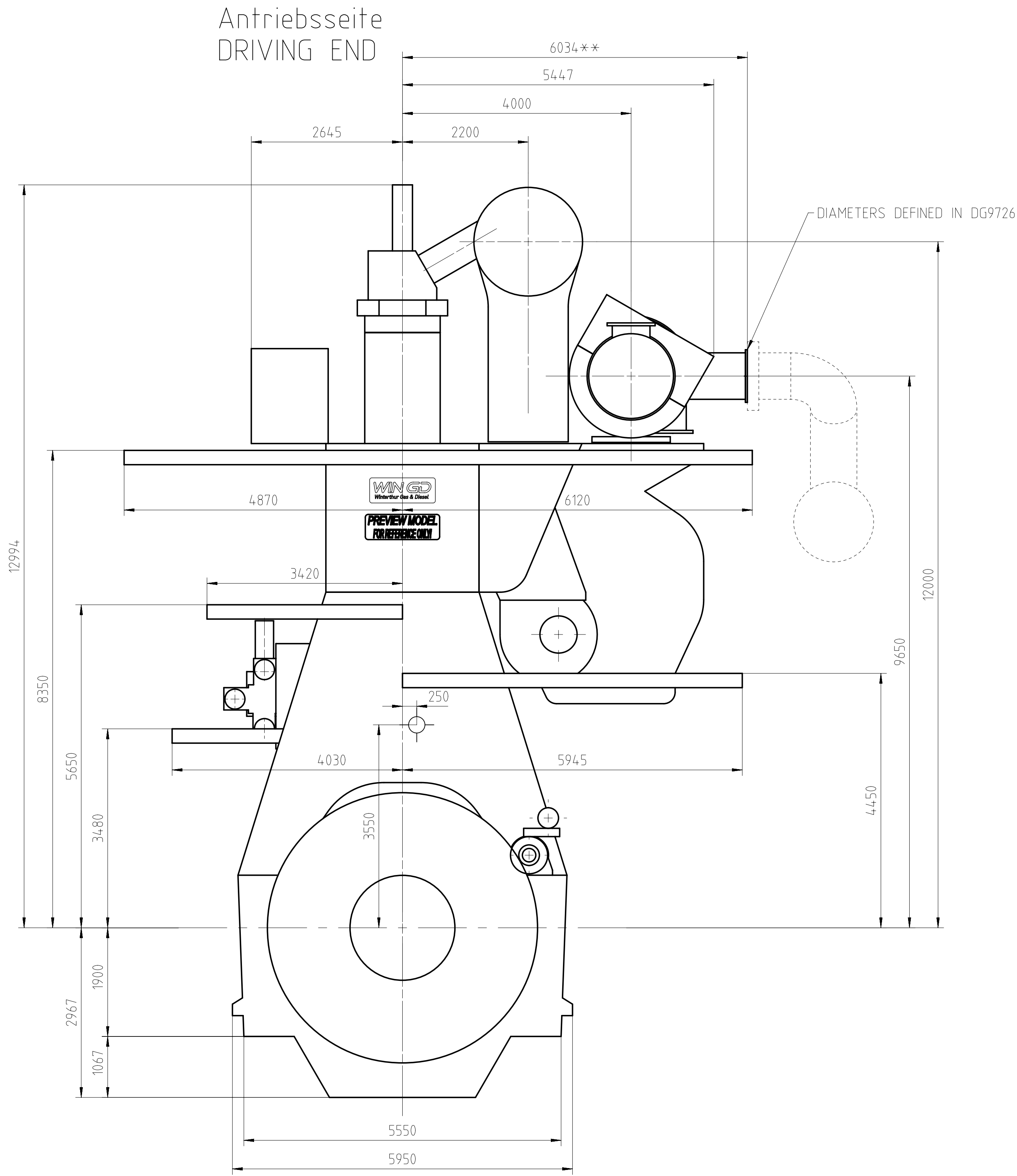
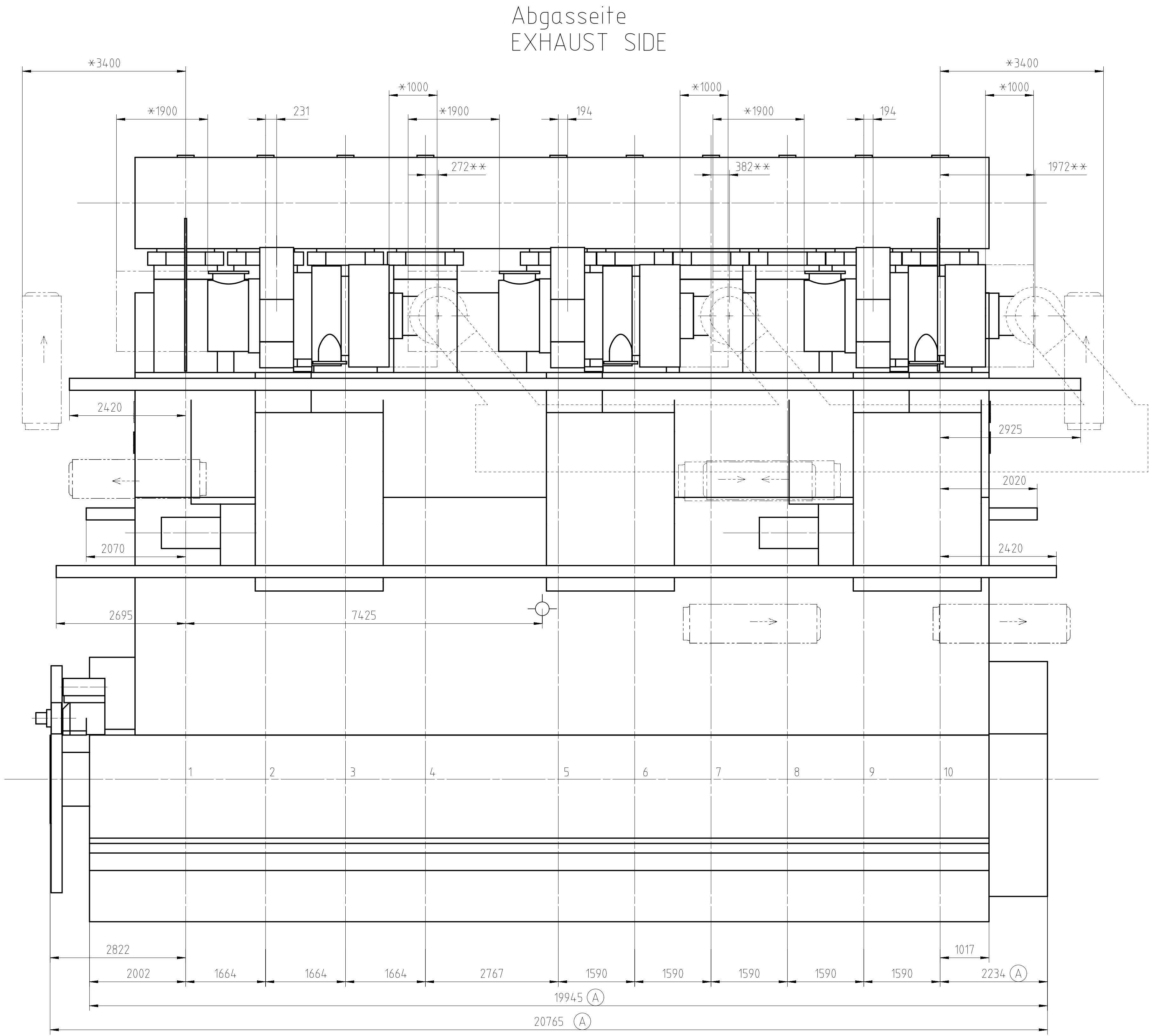


SEQ NO	QTY	Item ID	Item Name	Dimension	Standard-ID	Basic Material	Net Weight
001	1	PAAD286510	DISMANTLING DIMENSIONS				0.001
Prod.	10 X92DF 10 X92DF-2.0						
Change History							
	A	wta101	sth017	11.11.2021	CNAA000932	End Casing FE and ICER Updated	4 3
	-	wta101	sth017	16.07.2021	CNAA000035	main drawing introduced	- -
	Rev.	Creator	Approver	Approval Date	Change ID	Change Synopsis	Approved Activity Code E C
<div>WIN GD</div> <div>Winterthur Gas & Diesel</div>			ENGINE OUTLINE VIEW ICER				
Bill Of Material			Dimension				
Copyright Winterthur Gas & Diesel Ltd. All rights reserved. By taking possession of the document the recipient recognizes and honours these rights. Neither the whole nor any part of this document may be used in any way for construction, fabrication, marketing or any other purpose nor copied in any way nor made accessible to third parties without the previous written consent of Winterthur Gas & Diesel Ltd.			Units	[m] [kg]	Basic Material		Net Weight 0.001
			Main Design	Yes	Design Group	0812 Q-Code XXXXX	Standard WDS
			Qty per	Engine	A4	Item ID PTAA005043	BOM Page/s 01/01



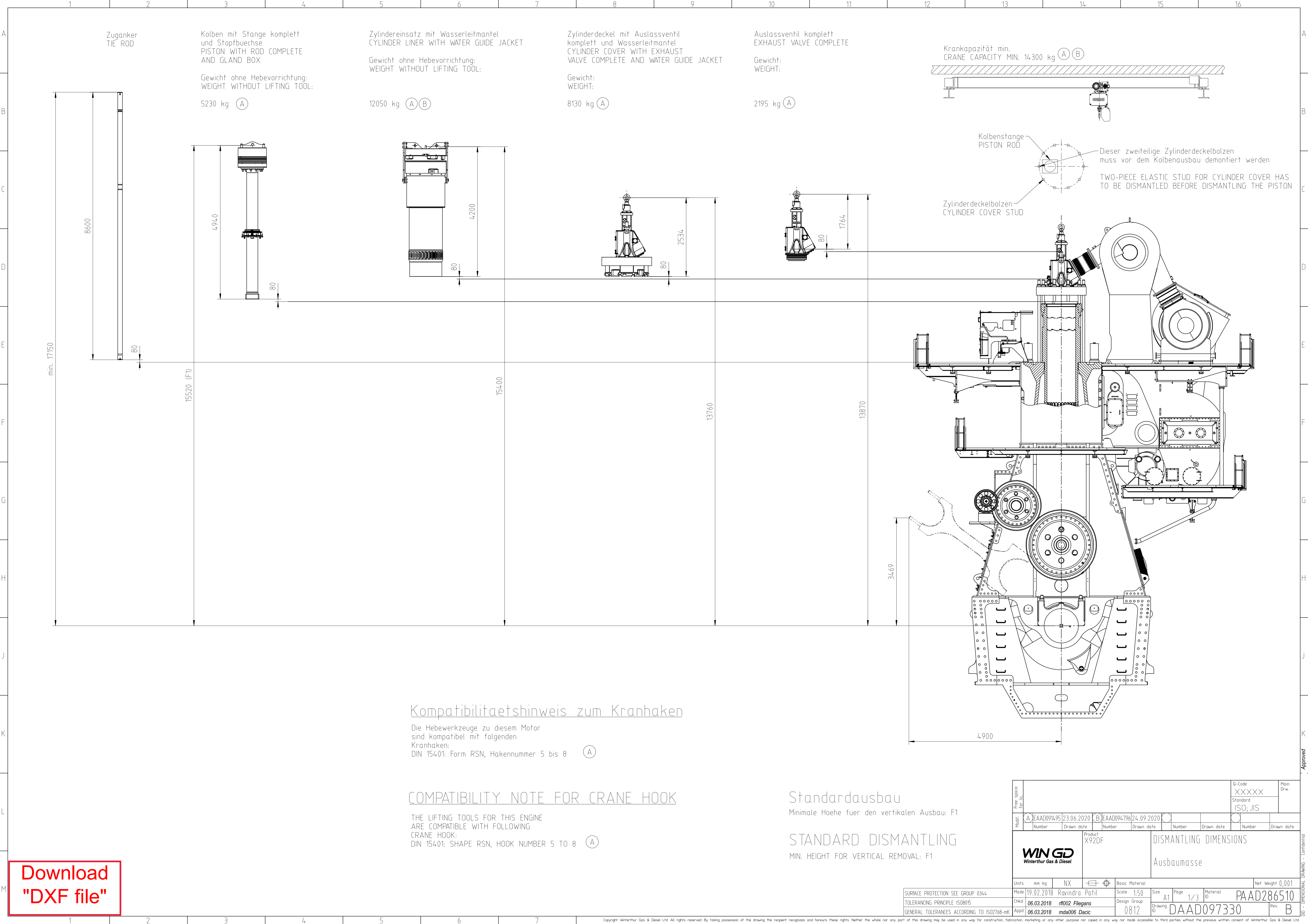
TURBOCHARGER 3xMET83MB

WEIGHT WITHOUT WATER AND OIL=1790t
* = SPACE FOR REMOVAL
** = ONLY FOR PROPOSAL
⊙ APPROX. CENTRE OF GRAVITY

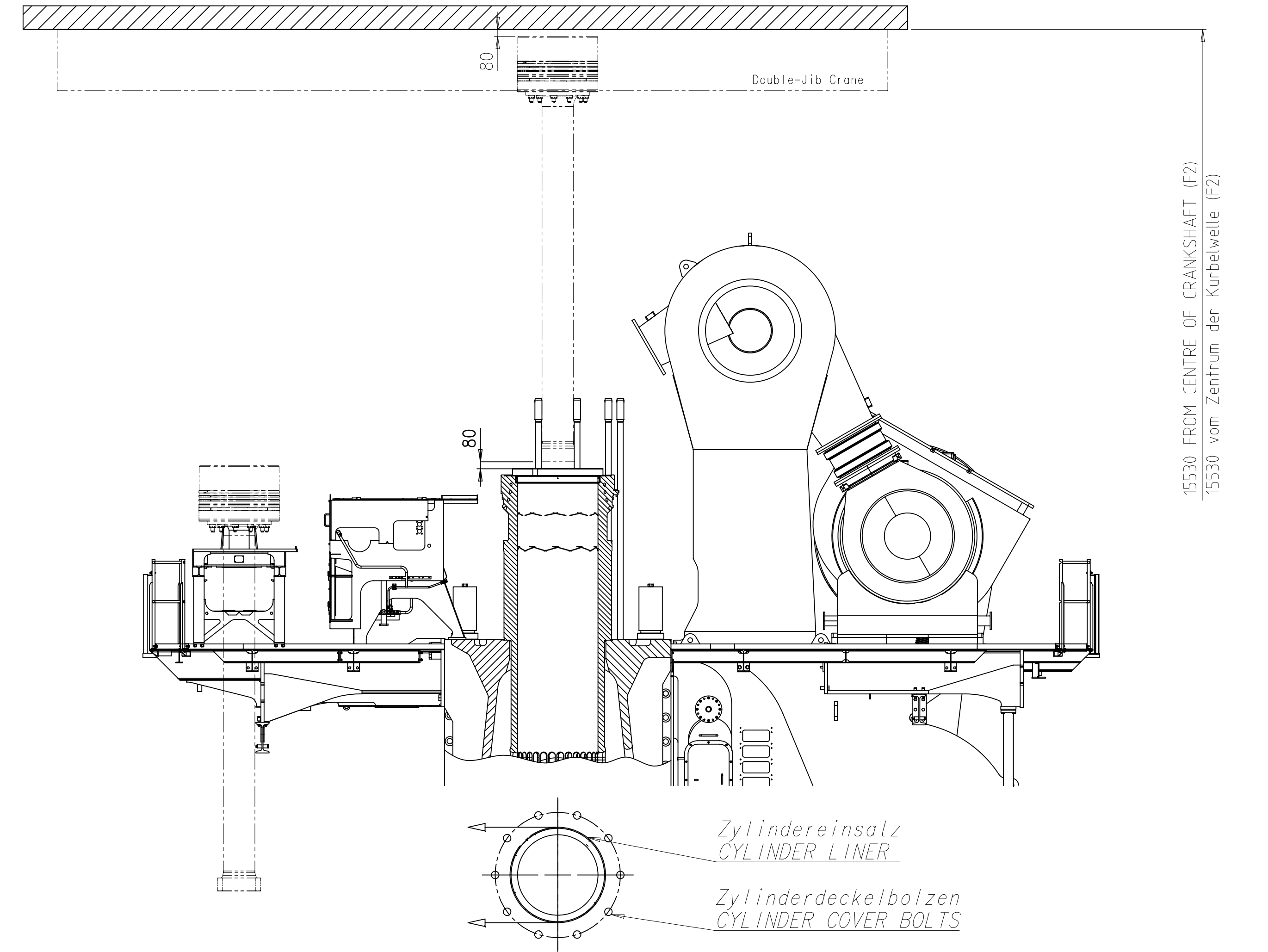
DIMENSIONS FOR REFERENCE ONLY!
THIS OUTLINE DRAWING CAN NOT
BE USED FOR FINAL DESIGN!
PLEASE TAKE THE CORRESPONDING
DESIGN GROUP!

SURFACE PROTECTION SEE GROUP 0364
TOLERANCING PRINCIPLE ISO8015
GENERAL TOLERANCES ACCORDING TO ISO2768-mS

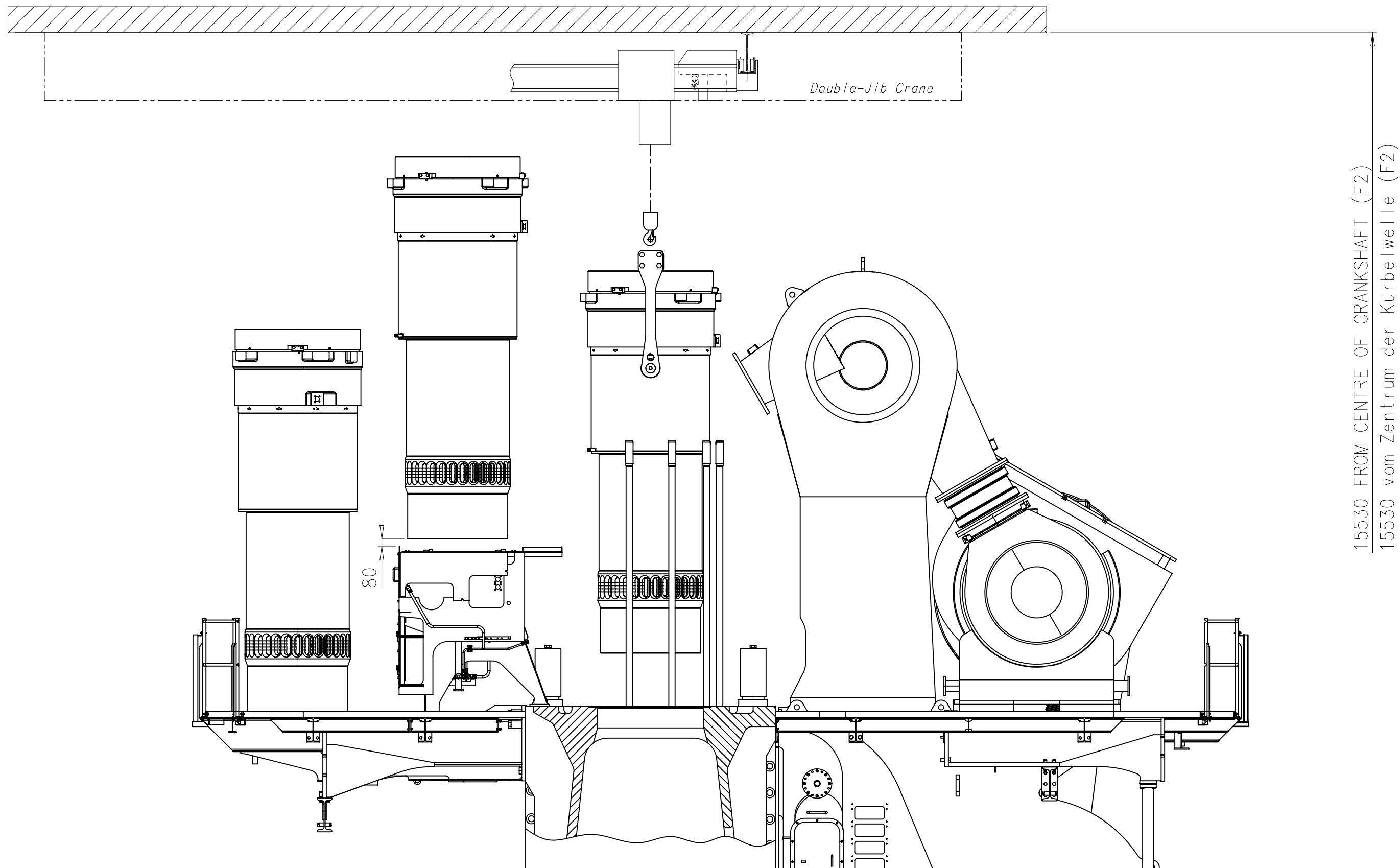
Prod.		10X82DF		10X82DF-2.0																																
Change History		A	wf0101	st0107	11.11.2021	CNA000932	End Casing FE and ICER Updated	4	3																											
		-	wf0101	st0107	16.07.2021	CNAA000035	main drawing introduced	-	-																											
Rev.		Creator	Approver	Approval Date	Change ID	Change Synopsis	Approved	Activity Code	E	C																										
WIN GD		ENGINE OUTLINE VIEW																																		
Winterthur Gas & Diesel		ICER																																		
Scale		1:50		NX		Units [mm]		[kg]		Basic Material		Net Weight		0.001																						
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Qty per		Engine		A0		Item ID		PTAA005043		Drawing		1/1																								



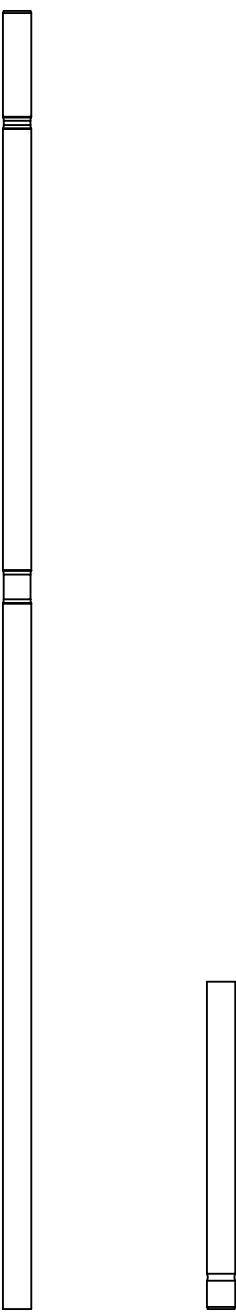
Kolbenausbau
PISTON DISMANTLING



Ausbau Zylindereinsatz
DISMANTLING OF CYLINDER LINER

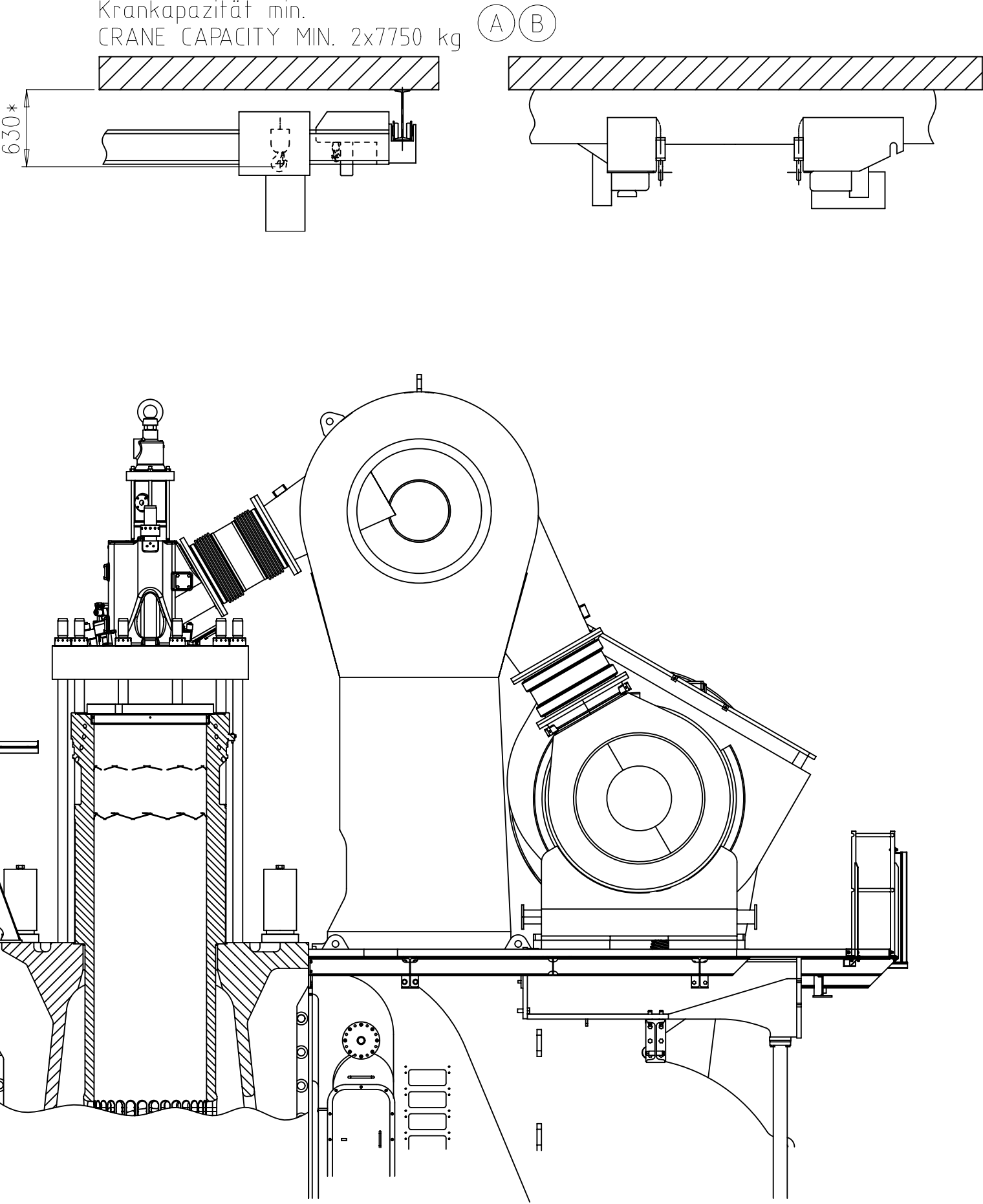


Zuganker, zweiteilig
TWO-PART TIE ROD



DOUBLE-JIB CRANE

Krankapazität min.
CRANE CAPACITY MIN. 2x7750 kg



Voraussetzungen fuer diese Ausbauart!

- alle Zylinderdeckel-Dehnbolzen auf der Brennstoffpumpenseite müssen zweiteilig ausgeführt werden
- zweiteilige Zuganker im Reparaturfall
- Spezialkran (Double-Jib)
- spezielle Hebewerkzeuge für den Kolben
- spezielle Hebewerkzeuge für den Zylindereinsatz

REQUIREMENTS FOR THIS DISMANTLING METHOD!

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

Standardausbau mit
Double-Jib Kran

Minimale Höhe für den vertikalen
Ausbau mit dem Double-Jib Kran

*Die Distanz von der obersten
Hakenposition bis zur
Decke variiert je nach der
ausgewählten Kranausführung

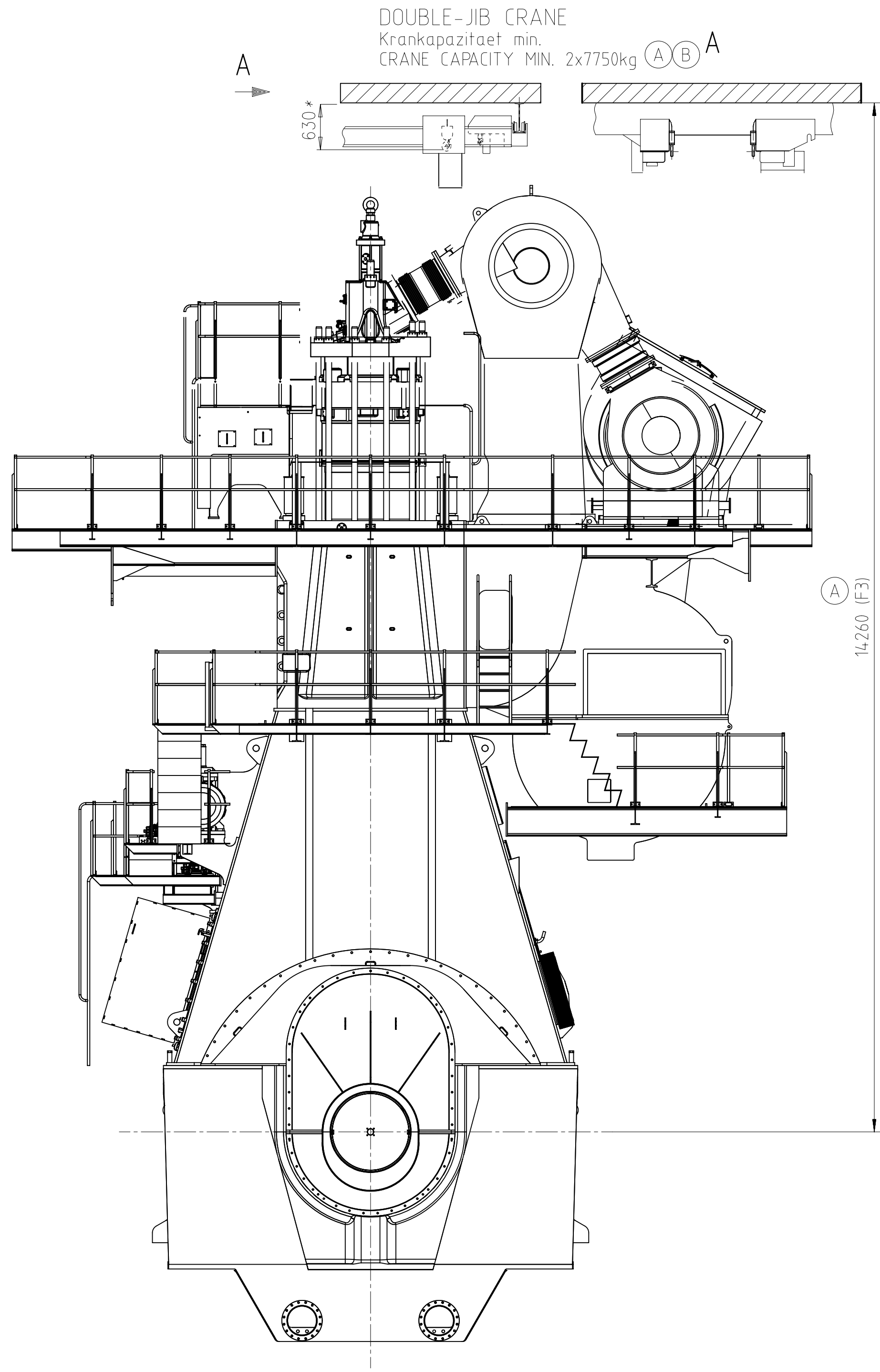
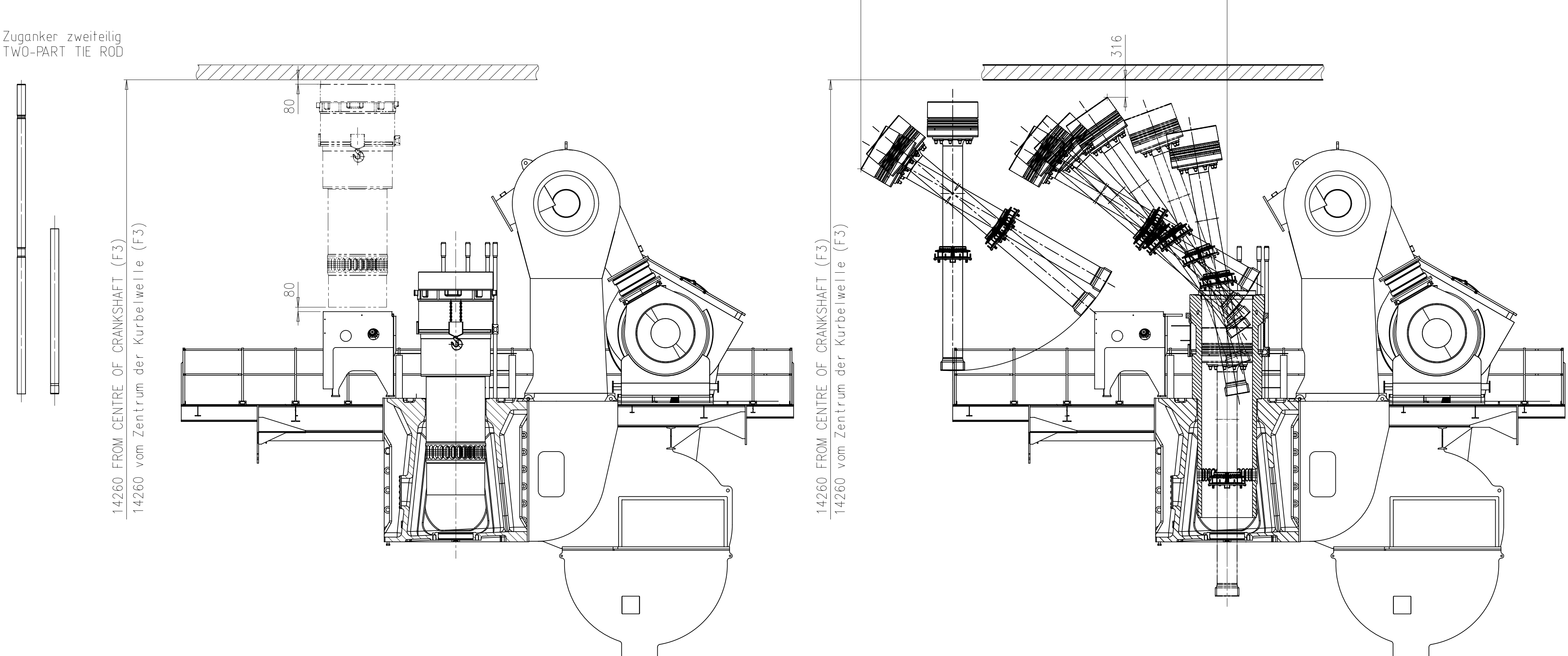
STANDARD DISMANTLING
WITH DOUBLE-JIB CRANE

MIN. HEIGHT FOR VERTICAL REMOVAL WITH DOUBLE-JIB CRANE: F2

*DISTANCE BETWEEN TOP POSITION OF HOOK
AND ENGINE ROOM CEILING VARIES DEPENDING
ON CRANE TYPE.

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

SURFACE PROTECTION SEE GROUP 0344	Made	19.02.2018	Ravindra Patil	Scale	1:40	Size	A1	Page	2/3	Material	PAAD286510
TOLERANCING PRINCIPLE ISO8015	Chkd	06.03.2018	r002 Filegans	Design Group		Drawing ID	DAAD097330	Rev.	B		
GENERAL TOLERANCES ACCORDING TO ISO2768-mK	Appd	06.03.2018	mda006 Dacic	0812							



Voraussetzungen fuer diese Ausbauart!

- zweiteilige Zylinderdeckel-Dehnbolzen auf der Brennstoffpumpenseite
- zweiteilige Zuganker im Reparaturfall
- Spezialkran (DOUBLE-JIB)
- spezielle Hebwerkzeuge fuer den Zylindereinsatz und den Kolben
- damit der Zylindereinsatz ausgebaut werden kann, muessen die benachbarten Zylinderdeckel demontiert werden.

REQUIREMENTS FOR THIS DISMANTLING METHOD!

- TWO-PIECE ELASTIC STUDS FOR CYLINDER COVER ON FUEL PUMP SIDE
- TWO-PART TIE ROD IN CASE OF REPAIR
- SPECIAL CRANE (DOUBLE-JIB)
- SPECIAL LIFTING TOOLS FOR CYLINDER LINER AND PISTON
- FOR CYLINDER LINER DISMANTLING THE NEIGHBOURING CYLINDER COVERS NEED TO BE REMOVED, TOO

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

Free space for file		0-Code XXXXX				Main Drw.	
		Standard ISO; JIS					
Modif.	A	EAAD091495	23.06.2020	B	EAAD094796	24.09.2020	
Number				Number			
Drawn date				Drawn date			
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Chkd	06.03.2018	r002 Filegans		Design Group		Page	3/3
Appd	06.03.2018	mda006 Dacic		Drawing ID	0812	Material ID	PAAD286510
SURFACE PROTECTION SEE GROUP 0344		TOLERANCING PRINCIPLE ISO8015		GENERAL TOLERANCES ACCORDING TO ISO2768-mK		DAAD097330	
						Rev. B	

WinGD – 10X92DF – 2.0_Engine-Outline-Views

TRACK CHANGES

DATE	SUBJECT	DESCRIPTION
2021-10-12	DRAWING SET	First web upload
2021-11-30	PTAA005043	Revised Engine outline views for Turbocharger type 3xMET 83MB has been updated.

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