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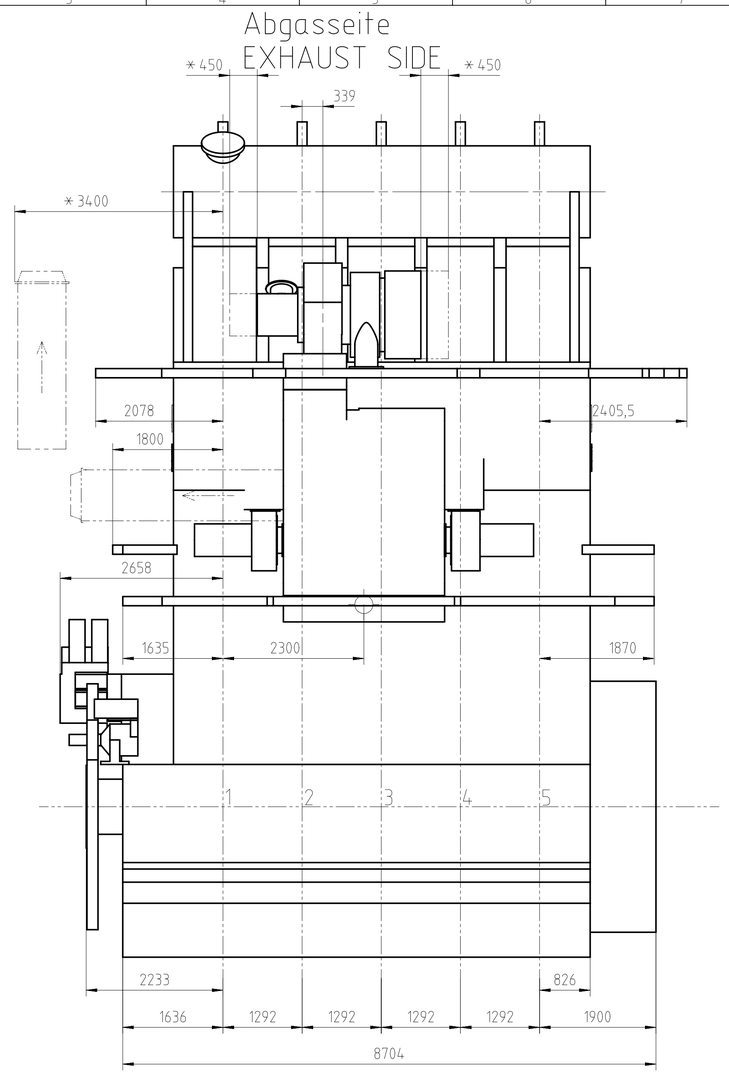

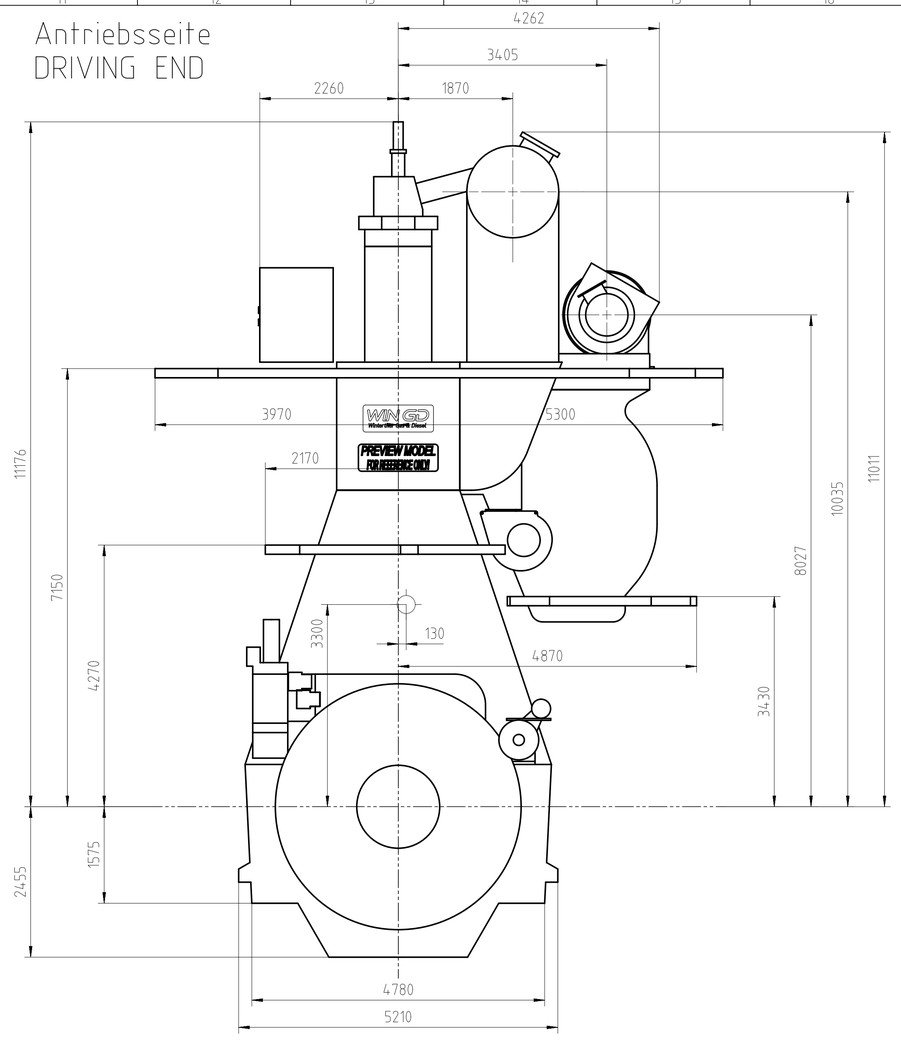

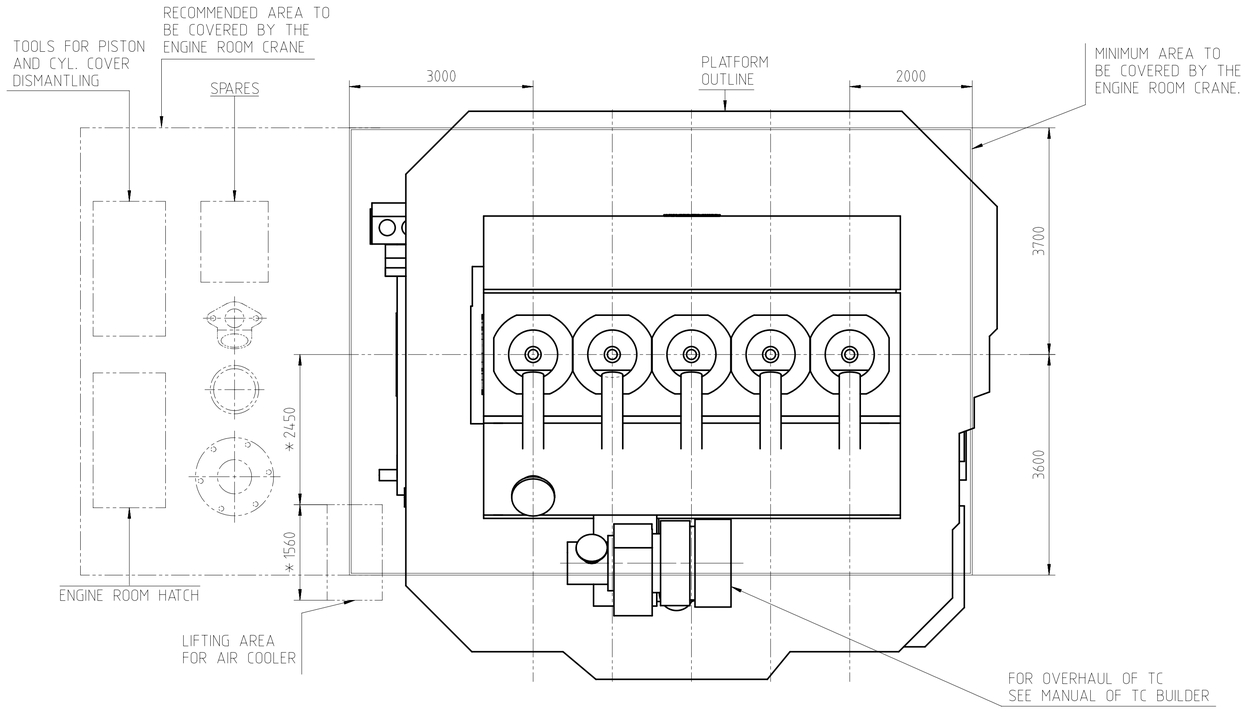

gezeichnet fuer Turbolader A270-L
DRAWN FOR TURBOCHARGER

Gewicht ohne Wasser und Oel= 481 t
WEIGHT WITHOUT WATER AND OIL

* Platz fuer Demontage
SPACE FOR REMOVAL

ca. Schwerpunkt
APPROX. CENTRE OF GRAVITY

TURBOCHARGER 1xA170-L 1xA270-L

Net Weight						
0,001						
1	001	PAAD187129	DISMANTLING DIMENSIONS	DAAD064846		0,001
Quantity PER ENGINE	SEQ NO	Material ID	Material Name / Dimension, Occ	Standard or Drawing	Basic Material / Material Standard	Weight GR./NET

Approved

Free space for lic			Q-Code XXXXX	Main Drw.
PAAD360218			Standard ISO; JIS	H

Modif.	Number	Drawn date	Number	Drawn date	Number	Drawn date	Number	Drawn date
-	EAAD094027	15.04.2021						

MaterialID

WIN GD Winterthur Gas & Diesel

Product 5X72DF(STD)

ENGINE OUTLINE VIEW
A170,A270
Motoransichten
A170,A270

Units	mm kg	NX	Basic Material		Net Weight
Made	20.07.2020 tch101 Chen		Scale 1:50	Size A1	Page 1/1	Material ID
Chkd	15.04.2021 sch101 Chen		Design Group 0812	Drawing ID DAAD132708	Rev. –
Appd	15.04.2021 sth017 Thalmann				

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

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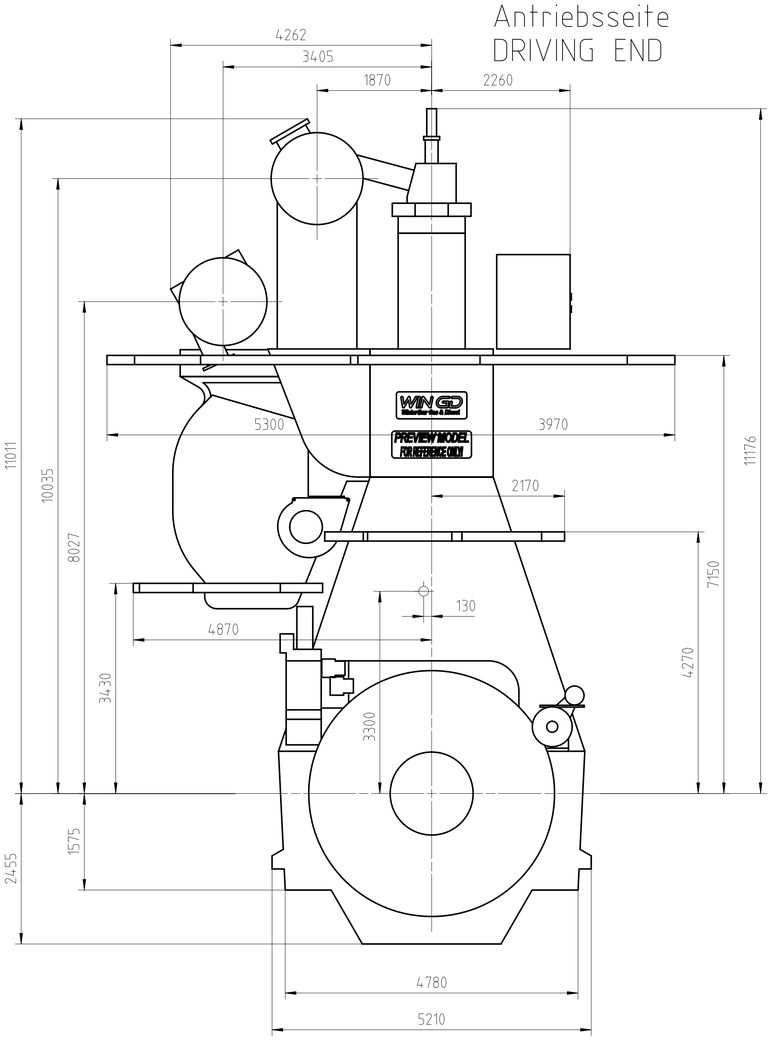
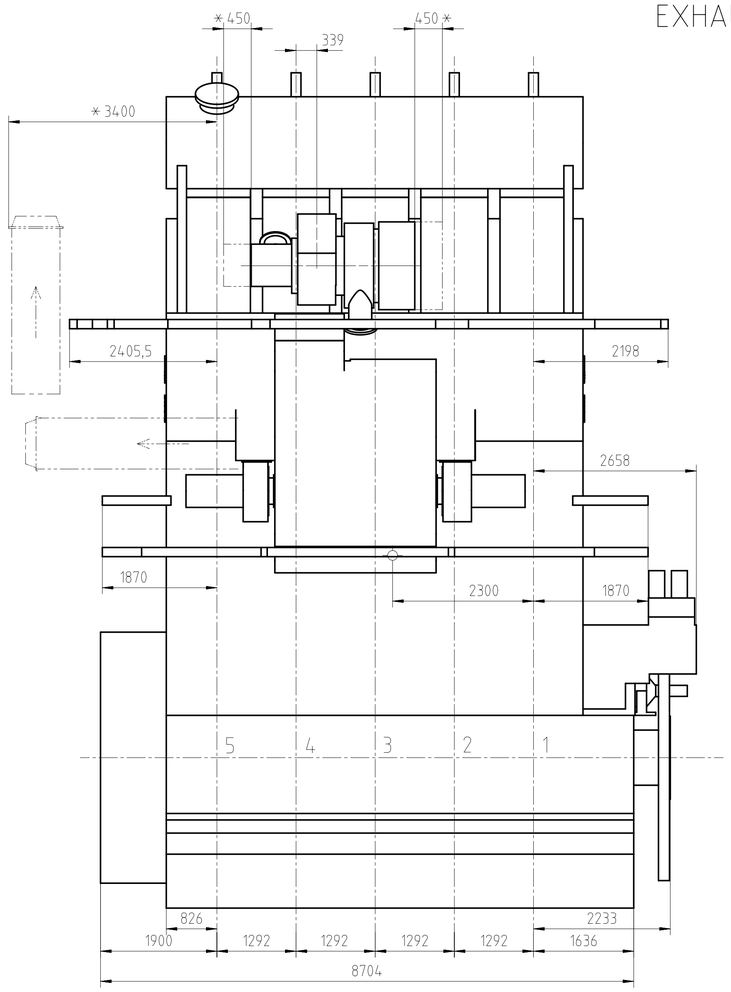
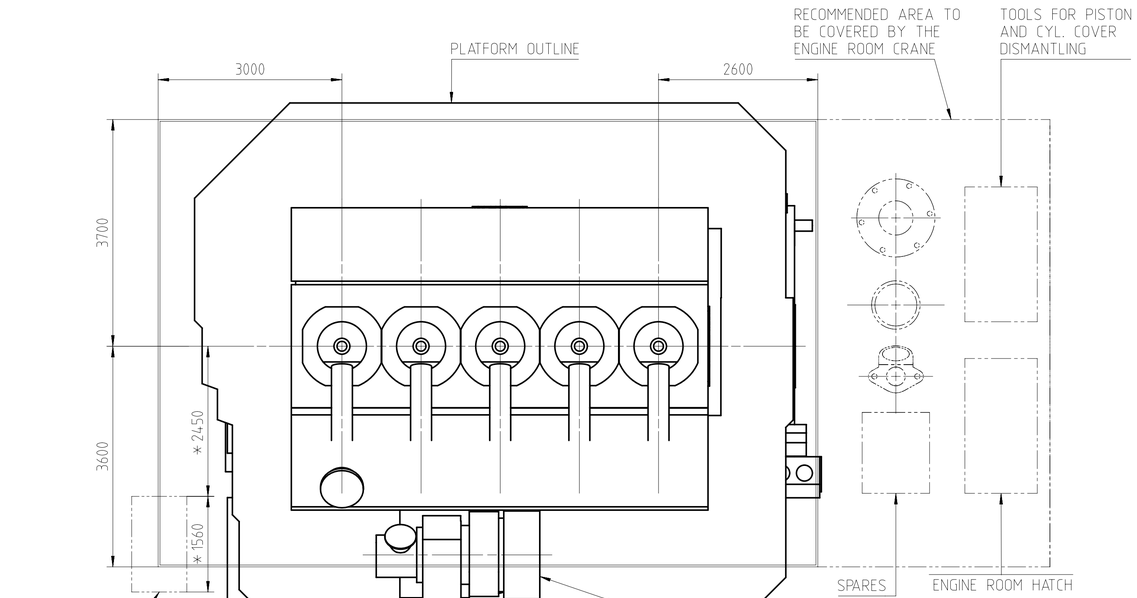


Abgasseite
EXHAUST SIDE





gezeichnet fuer Turbolader A270-L
DRAWN FOR TURBOCHARGER

Gewicht ohne Wasser und Oel= 481 t
WEIGHT WITHOUT WATER AND OIL

* Platz fuer Demontage
SPACE FOR REMOVAL

⌖ ca. Schwerpunkt
APPROX. CENTRE OF GRAVITY

TURBOCHARGER 1x A170-L
1x A270-L

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NetWeight 0,001							
1	001	PAAD187129	DISMANTLING DIMENSIONS		DAAD064846		0,001
Quantity PER ENGINE	SEQ NO	Material ID	Material Name / Dimension, Occ		Standard or Drawing	Basic Material Material Standard	Weight GR/NET
PAAD361343 Material ID	Free space for IC					Q-Code XXXXX; Standard ISO; JIS	Main Drw. H
Modif. -	EAAD094027 Number	15.04.2021 Drawn date	Number	Drawn date	Number	Drawn date	Number Drawn date

WIN GD Winterthur Gas & Diesel

Product 5X72DF(LEFT)

ENGINE OUTLINE VIEW
A170,A270
Motoransichten
A170,A270

Units mm kg	NX	Basic Material				Net Weight
SURFACE PROTECTION SEE GROUP 0344	Made 27.07.2020 jma101 Ma	Scale 1:50	Size A1	Page 1/1	Material ID	
TOLERANCING PRINCIPLE ISO8015	Chkd 15.04.2021 sch101 Chen	Design Group 0812	Drawing ID DAAD133231			Rev. -
GENERAL TOLERANCES ACCORDING TO ISO2768-mK	Appd 15.04.2021 sth017 Thalmann					

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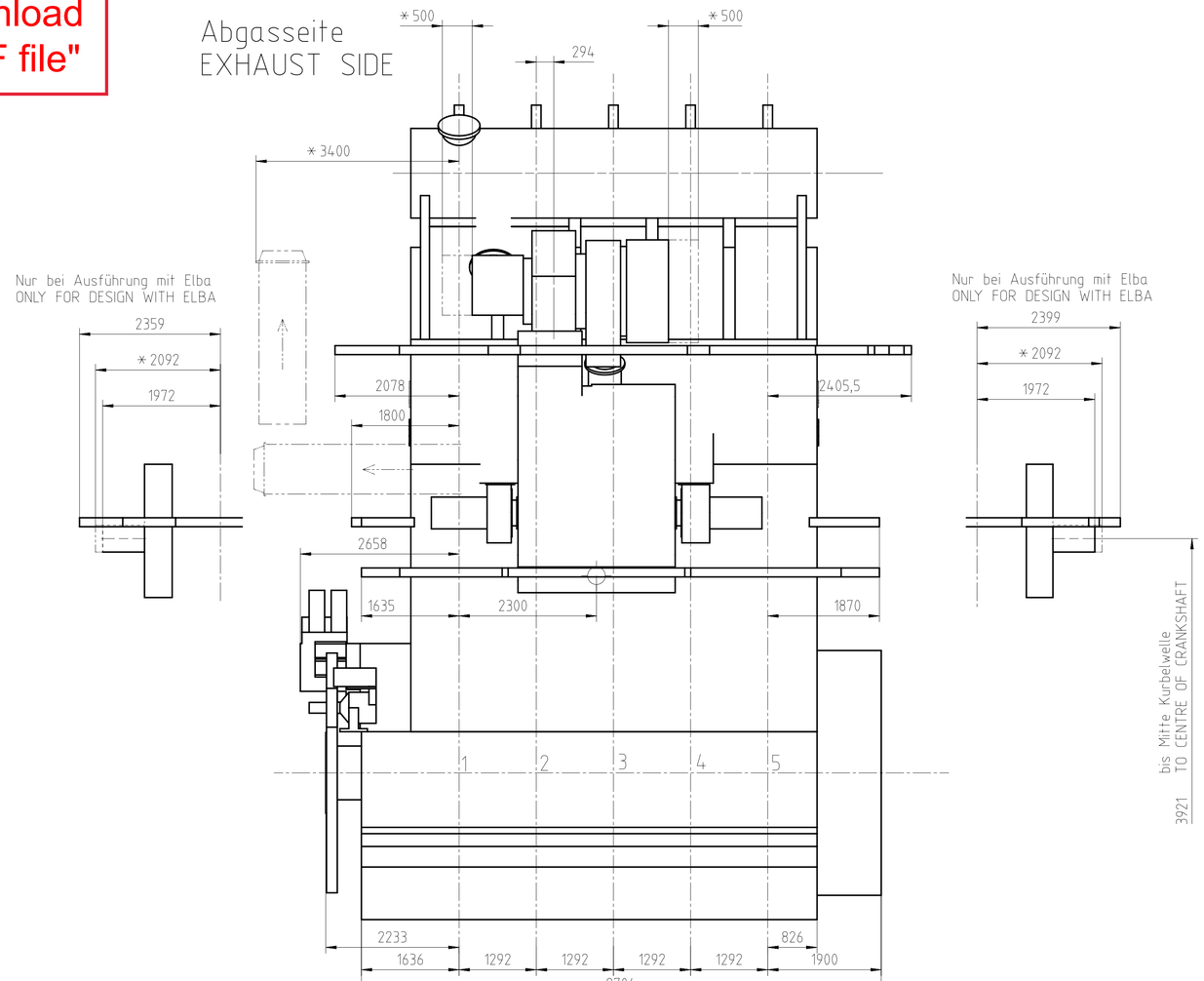
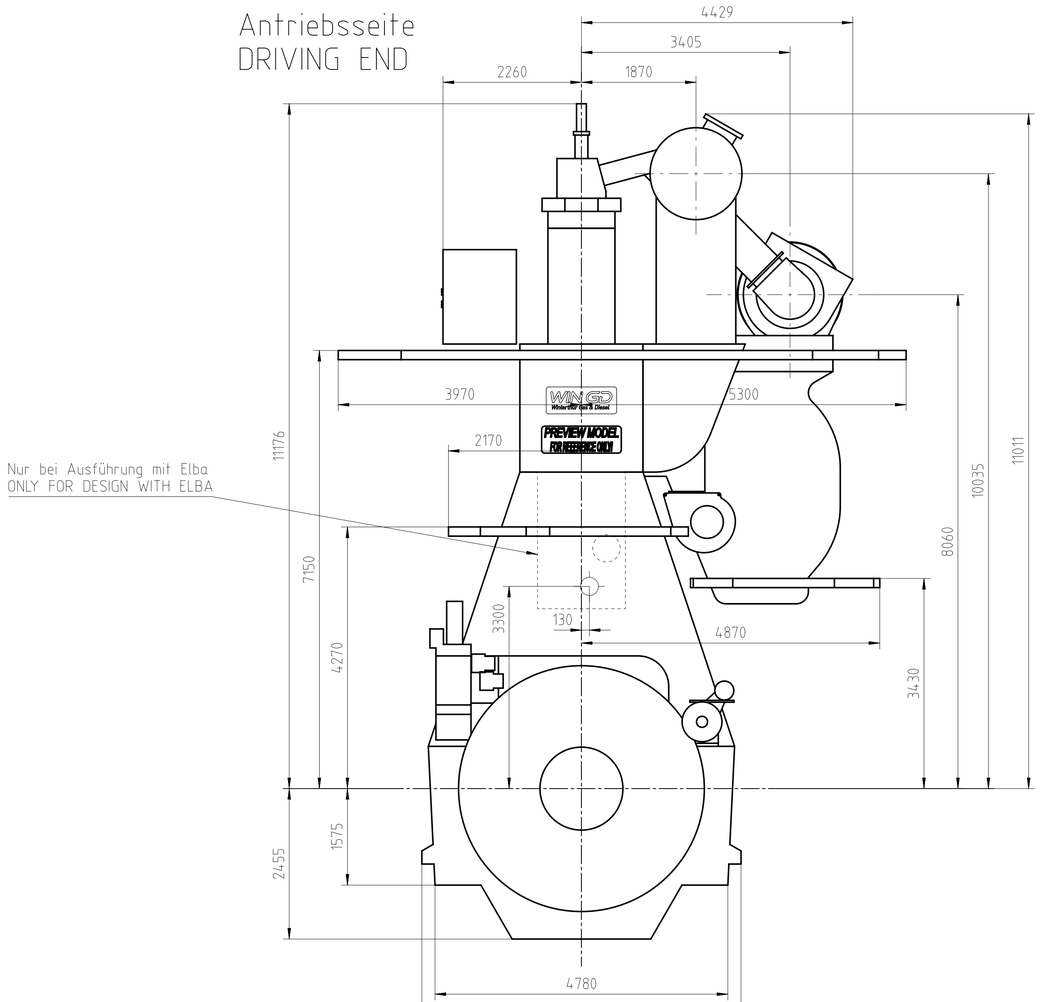
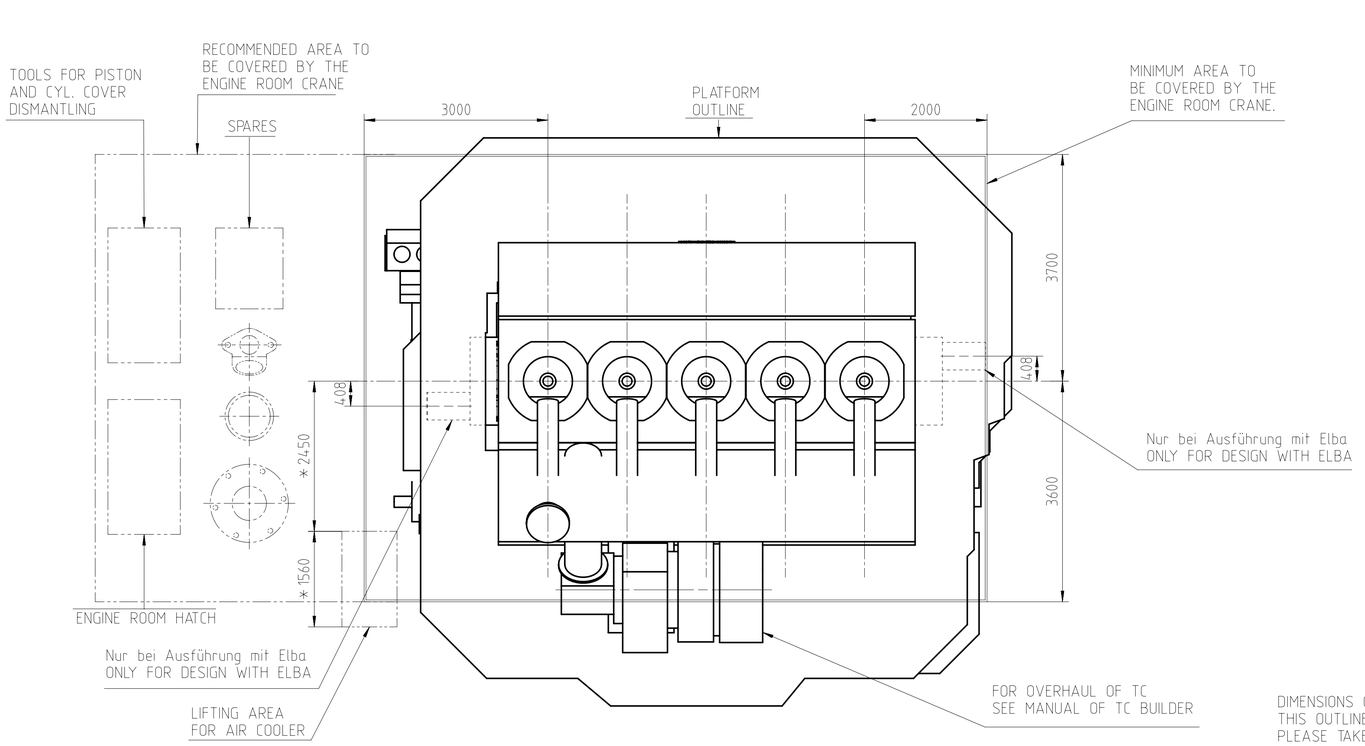
Abgasseite
EXHAUST SIDE



Antriebsseite
DRIVING END





gezeichnet fuer Turbolader A275-L
DRAWN FOR TURBOCHARGER

Gewicht ohne Wasser und Oel = 481t
WEIGHT WITHOUT WATER AND OIL

* Platz fuer Demontage
SPACE FOR REMOVAL

ca. Schwerpunkt
APPROX. CENTRE OF GRAVITY

TURBOCHARGER 1xA175-L
1xA275-L

Net Weight	Quantity PER ENGINE	SEQ NO	Material ID	Material Name / Dimension, Occ	Standard or Drawing	Basic Material / Material Standard	Weight GR/NET
0,001	1	001	PAAD187129	DISMANTLING DIMENSIONS	DAAD064846		0,001

Material ID	Model	Free space for ic	Q-Code	Main Drw.
PAAD360800	-		XXXXX	H

Standard: ISO; JIS

Model	Number	Drawn date	Number	Drawn date	Number	Drawn date	Number	Drawn date
-	EAAD094027	15.04.2021						

WIN GD Winterthur Gas & Diesel

Product: 5X72DF(STD)

ENGINE OUTLINE VIEW
A175,A275
Motoransichten
A175,A275

Units	mm kg	NX	Basic Material	Net Weight

Made	14.07.2020	tch101 Chen	Scale 1:50	Size A1	Page 1/1	Material ID	
Chkd	15.04.2021	sch101 Chen	Design Group 0812	Drawing ID DAAD133013			Rev. -
Appd	15.04.2021	sth017 Thalmann					

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

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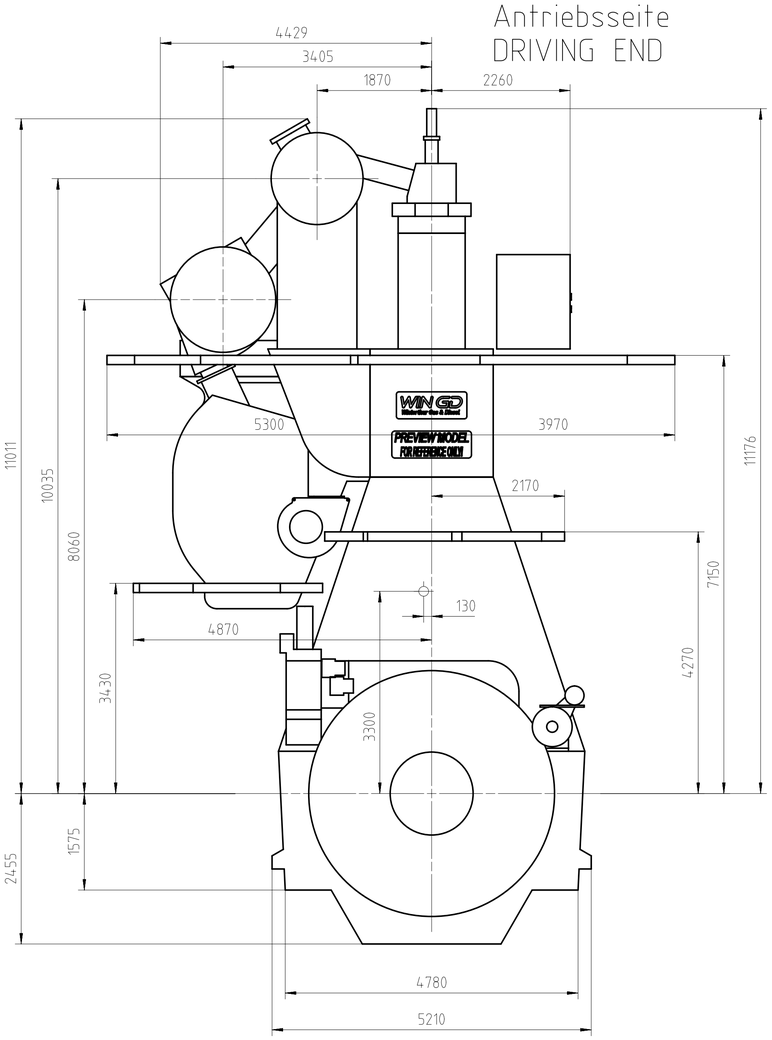
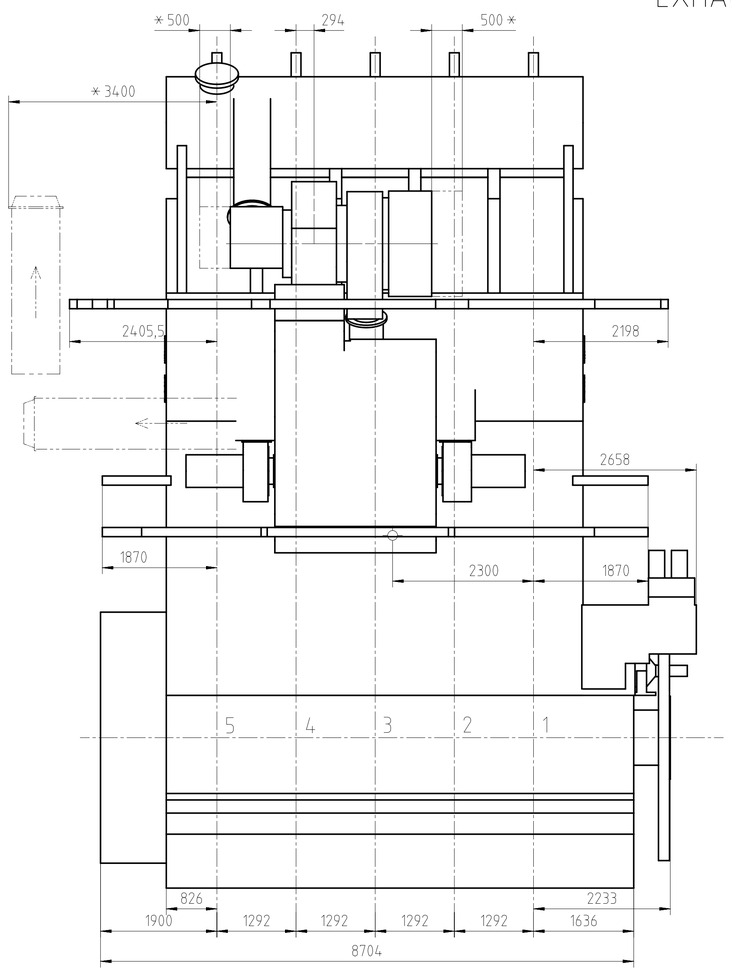
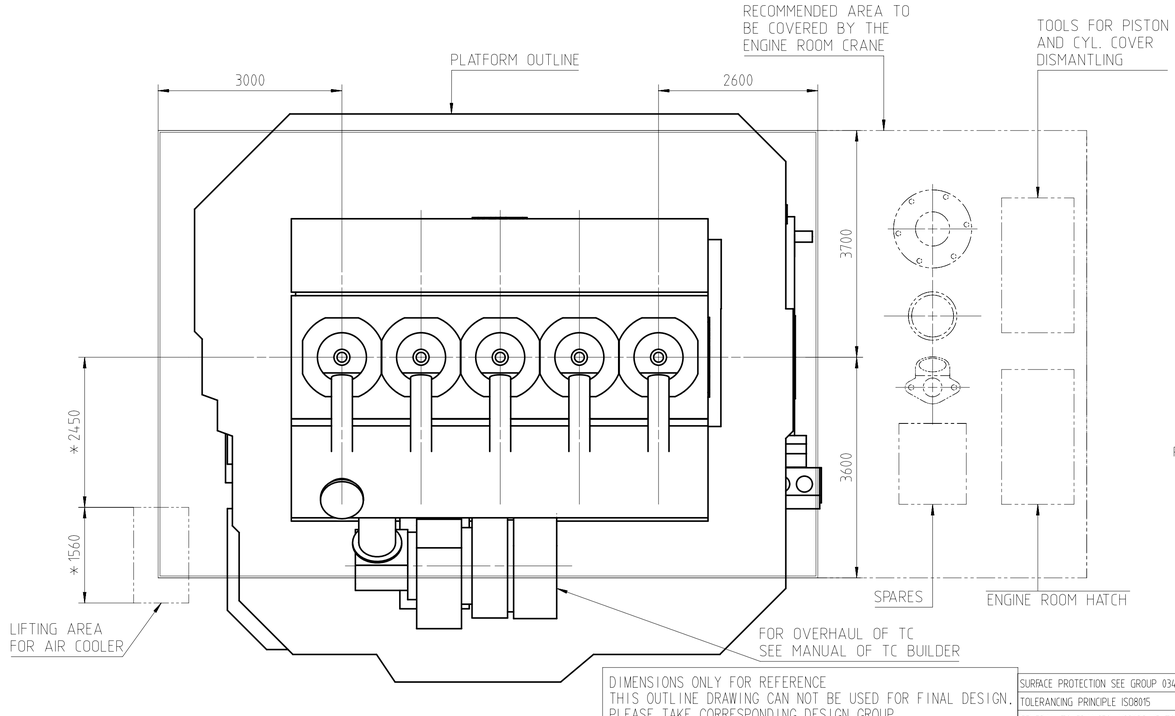


Abgasseite
EXHAUST SIDE





gezeichnet fuer Turbolader A-275-L
DRAWN FOR TURBOCHARGER

Gewicht ohne Wasser und Oel= 481 t
WEIGHT WITHOUT WATER AND OIL

* Platz fuer Demontage
SPACE FOR REMOVAL

ca. Schwerpunkt
APPROX. CENTRE OF GRAVITY

TURBOCHARGER 1x A175-L
1x A275-L

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Net Weight 0,001							
Quantity PER ENGINE: 1	SEQ NO: 001	Material ID: PAAD187129	Material Name / Dimension, Occ: DISMANTLING DIMENSIONS	Standard or Drawing: DAAD064846	Basic Material / Material Standard:	Weight GR./NET: 0,001	
Material ID: PAAD361112	Free space for ic.				Q-Code: XXXXX	Main Drw.: H	
	Modif. -	EAAD094027	15.04.2021		Standard: ISO; JIS		
	Number	Drawn date	Number	Drawn date	Number	Drawn date	Number	Drawn date

WIN GD Winterthur Gas & Diesel

Product: 5X72DF(LEFT)

ENGINE OUTLINE VIEW
Motoransichten

Units: mm kg	NX	Basic Material			Net Weight
Made: 22.07.2020 tch101 Chen		Scale: 1:50	Size: A1	Page: 1/1	Material ID
Chkd: 15.04.2021 sch101 Chen		Design Group: 0812	Drawing ID: DAAD133144		Rev.: -
Appd: 15.04.2021 sth017 Thalmann					

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

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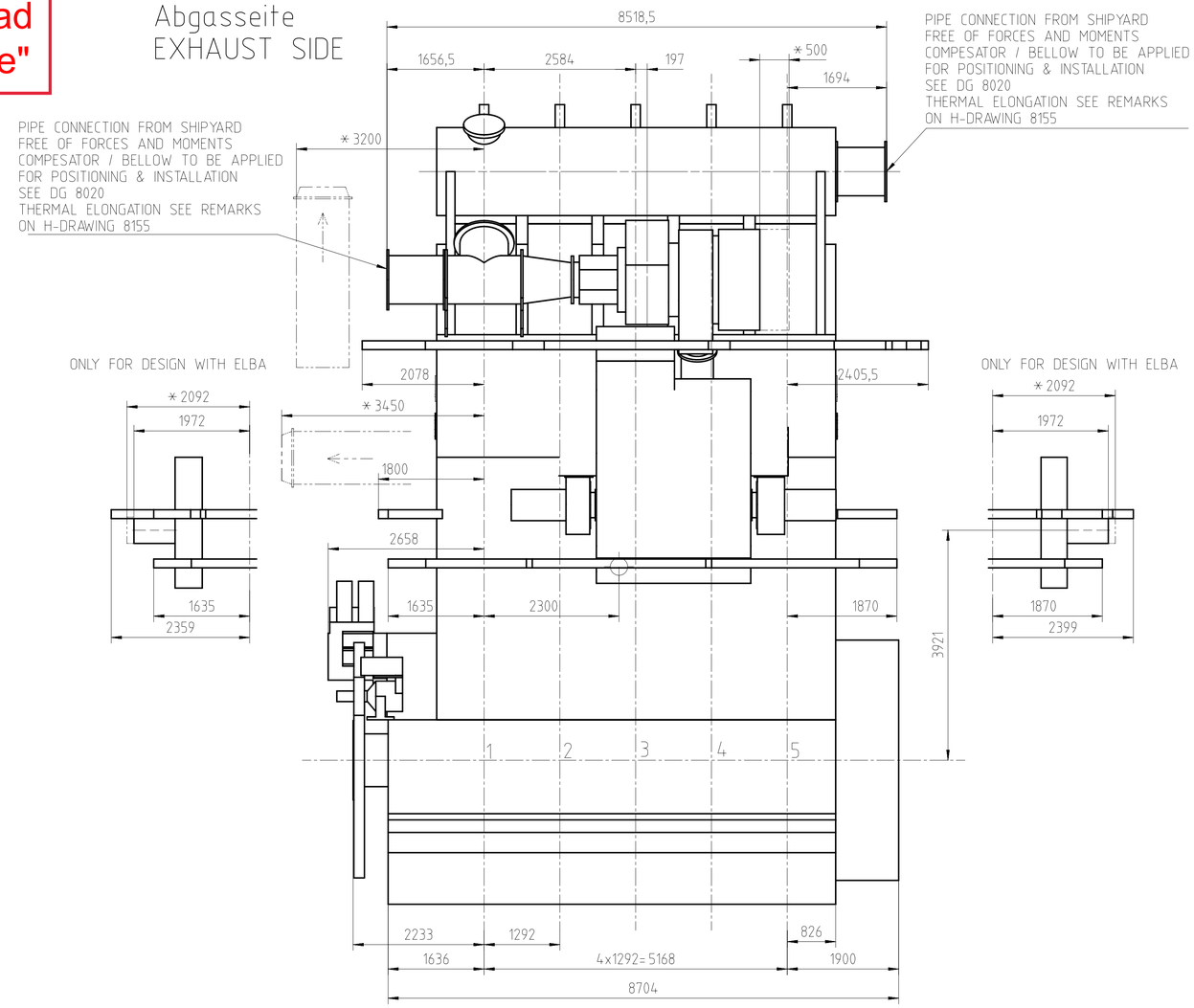
Abgasseite
EXHAUST SIDE



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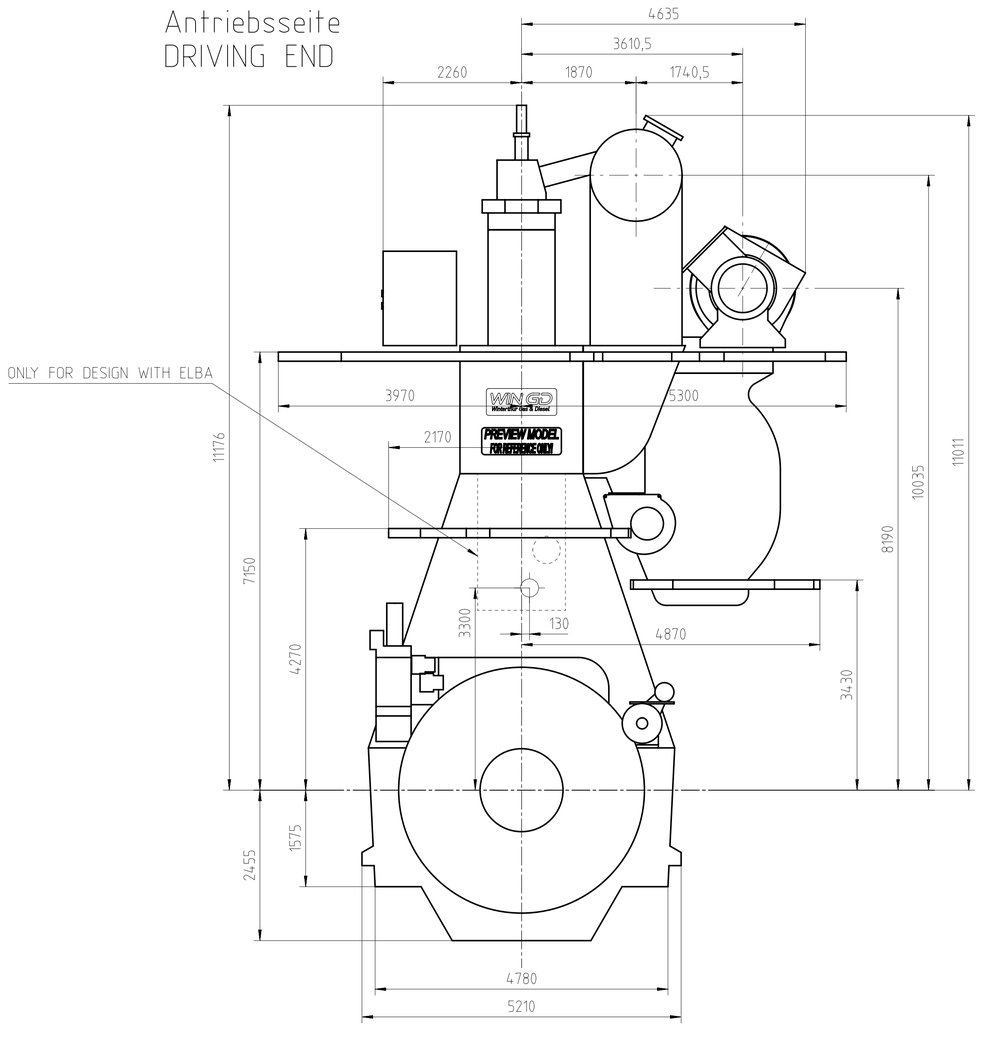

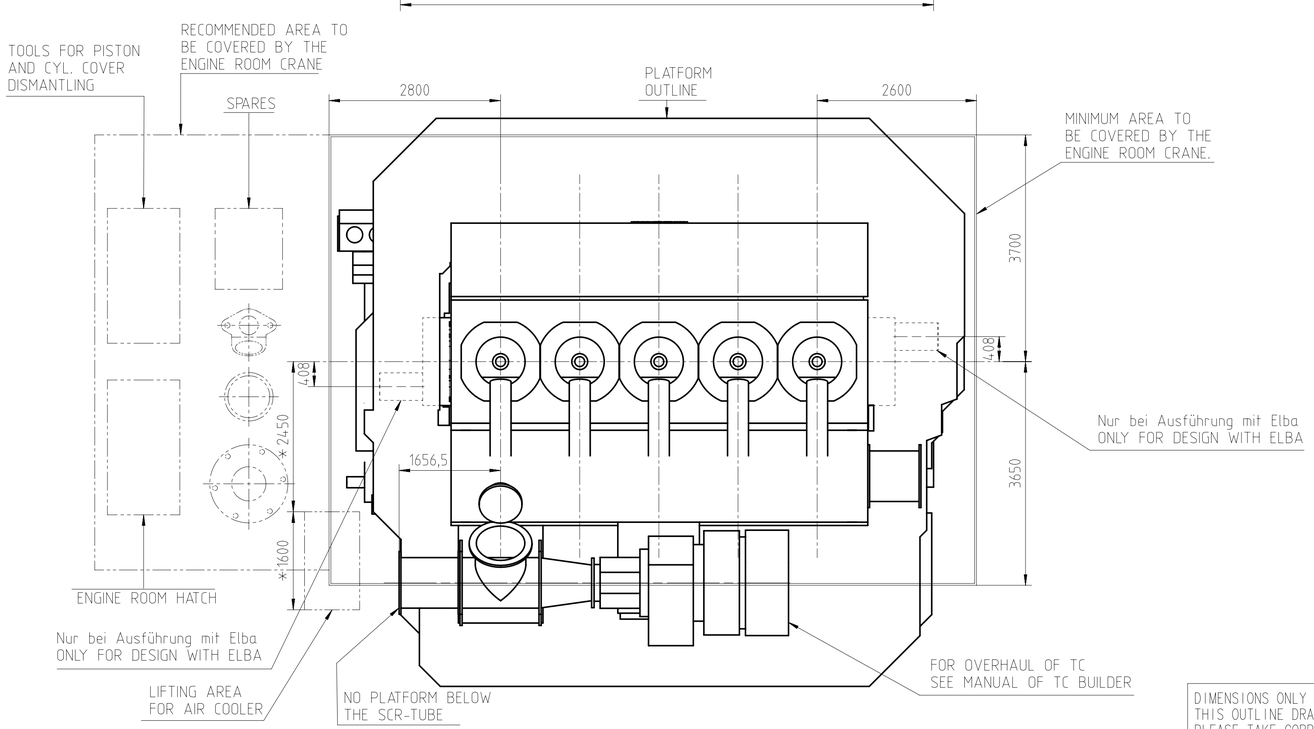

Gewicht ohne Wasser und Oel = 481t
WEIGHT WITHOUT WATER AND OIL

* Platz fuer Demontage
SPACE FOR REMOVAL

ca. Schwerpunkt
APPROX. CENTRE OF GRAVITY

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

TURBOCHARGER 1xA175-L axial
1xA275-L

Net Weight						
0.001						
1	001	PAAD187129	DISMANTLING DIMENSIONS	DAAD064846		0.001
Quantity PER ENGINE	SEQ NO	Material ID	Material Name / Dimension, Occ	Standard or Drawing	Basic Material / Material Standard	Weight GR./NET

PAAD359974	Free space for Ic							Q-Code XXXXX	Main Drw. H
Material ID	Modif.	-	EAAD093852	04.08.2020				Standard ISO; JIS	
		Number	Drawn date	Number	Drawn date	Number	Drawn date	Number	Drawn date

WIN GD Winterthur Gas & Diesel

Product W5X72DF(STD)

ENGINE OUTLINE VIEW
HP-SCR-INTERFACE
Motoransichten
HP-SCR-Interface

Units	mm kg	NX	Basic Material	Net Weight
Made	20.07.2020 zta101 Zhao		Scale 1:50	Size A1 / Page 1/1 / Material ID
Chkd	28.08.2020 rfl002 Fliegans		Design Group 0812	Drawing ID DAAD132516 / Rev. -
Appd	28.08.2020 mda006 Dacic			

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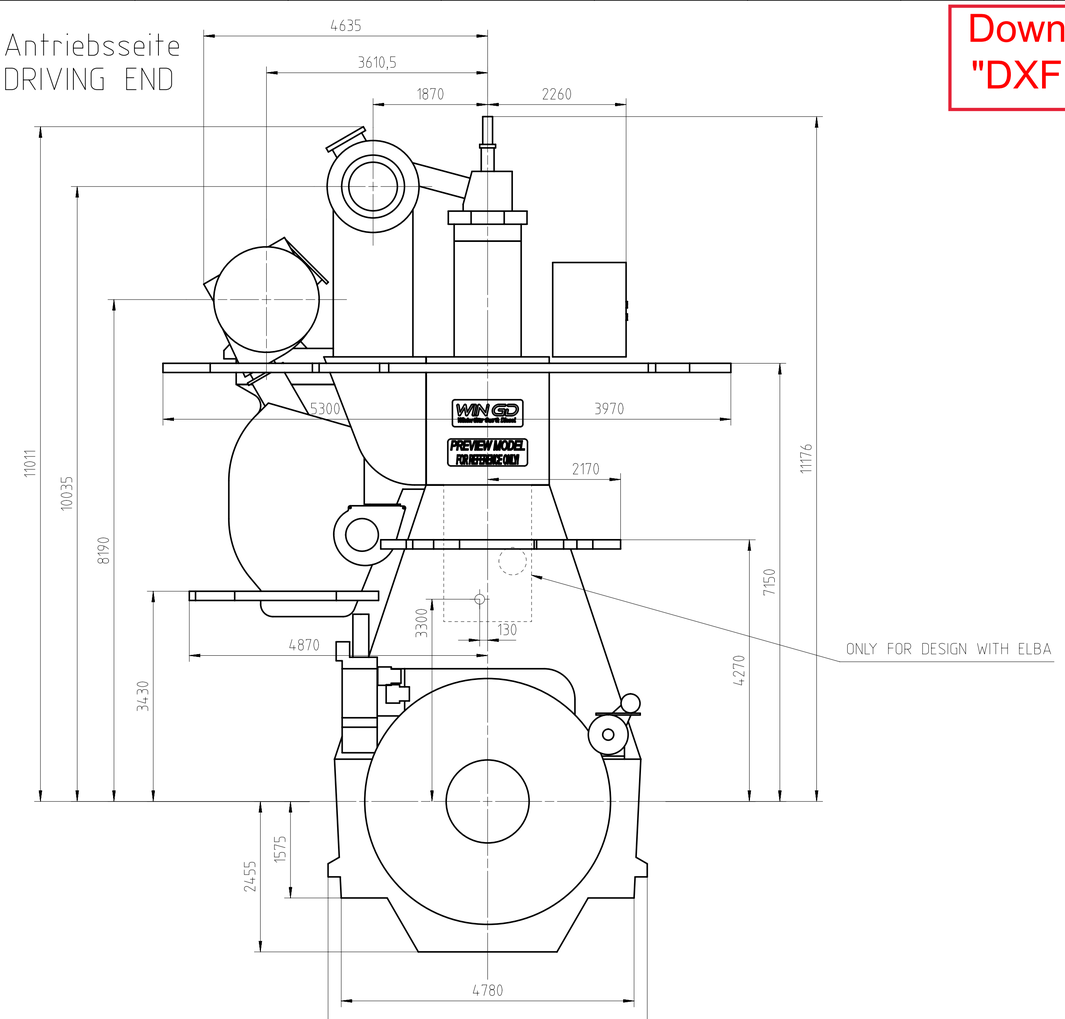
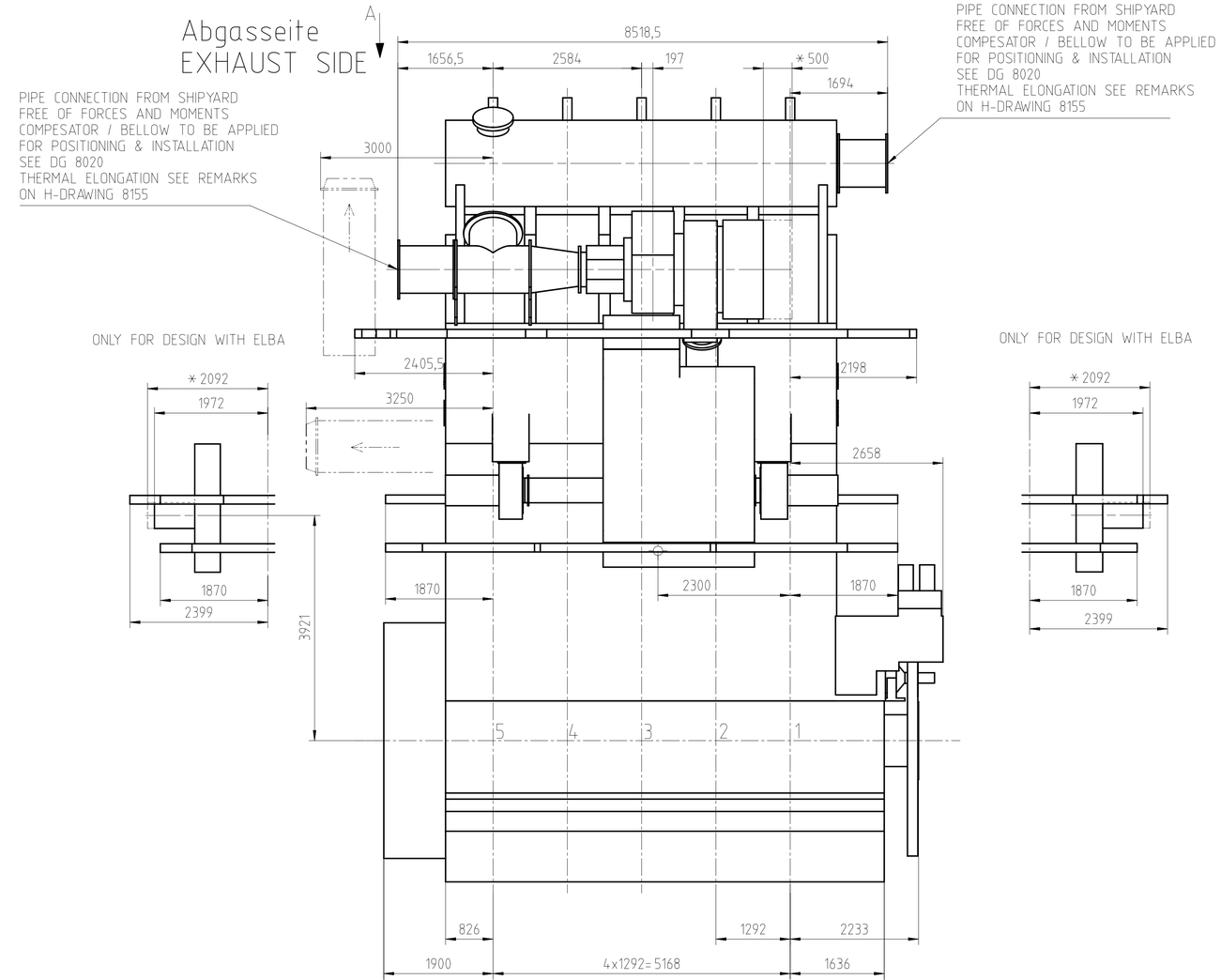
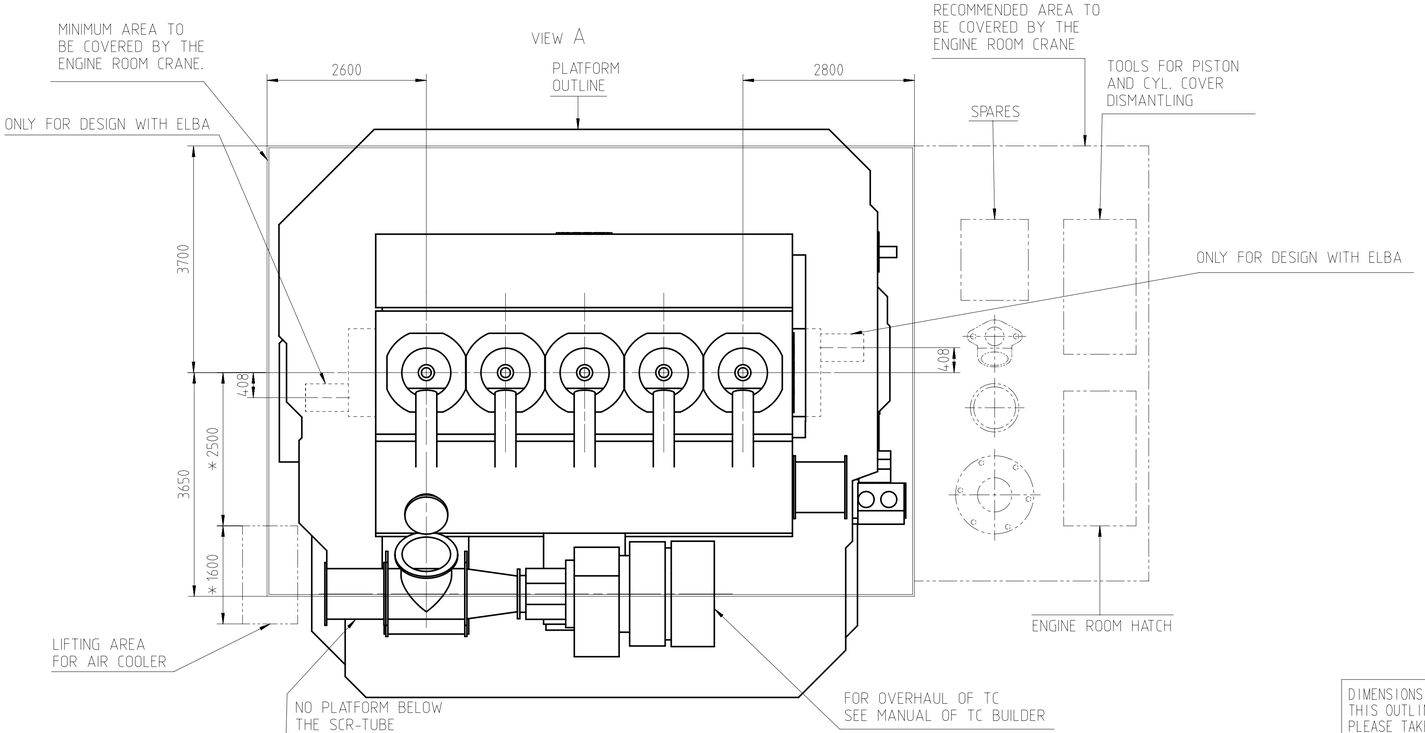


Abgasseite EXHAUST SIDE



VIEW A



Gewicht ohne Wasser und Oel= 481 t
WEIGHT WITHOUT WATER AND OIL

* Platz fuer Demontage
SPACE FOR REMOVAL

ca. Schwerpunkt
APPROX. CENTRE OF GRAVITY

TURBOCHARGER 1x A175-L axial
1x A275-L

Net Weight						
0,001						
1	001	PAAD187129	DISMANTLING DIMENSIONS	DAAD064846		0,001
Quantity PER ENGINE	SEQ NO	Material ID	Material Name / Dimension, Occ	Standard or Drawing	Basic Material / Material Standard	Weight GR./NET

Approved

Material ID	Free space for lic	Q-Code	Main Drw.
PAAD361180		XXXXX	H
		Standard: ISO; JIS	

Modif	Number	Drawn date	Number	Drawn date	Number	Drawn date	Number	Drawn date
-	EAAD094027	15.04.2021						

WIN GD Winterthur Gas & Diesel

Product: 5X72DF(LEFT)

ENGINE OUTLINE VIEW
HP-SCR-INTERFACE
Motoransichten
HP-SCR-Interface

Units	mm kg	NX	Basic Material	Net Weight

Made	22.07.2020	tch101 Chen	Scale 1:50	Size A1	Page 1/1	Material ID
Chkd	15.04.2021	sch101 Chen	Design Group 0812	Drawing ID DAAD133162		Rev. -
Appd	15.04.2021	sth017 Thalmann				

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

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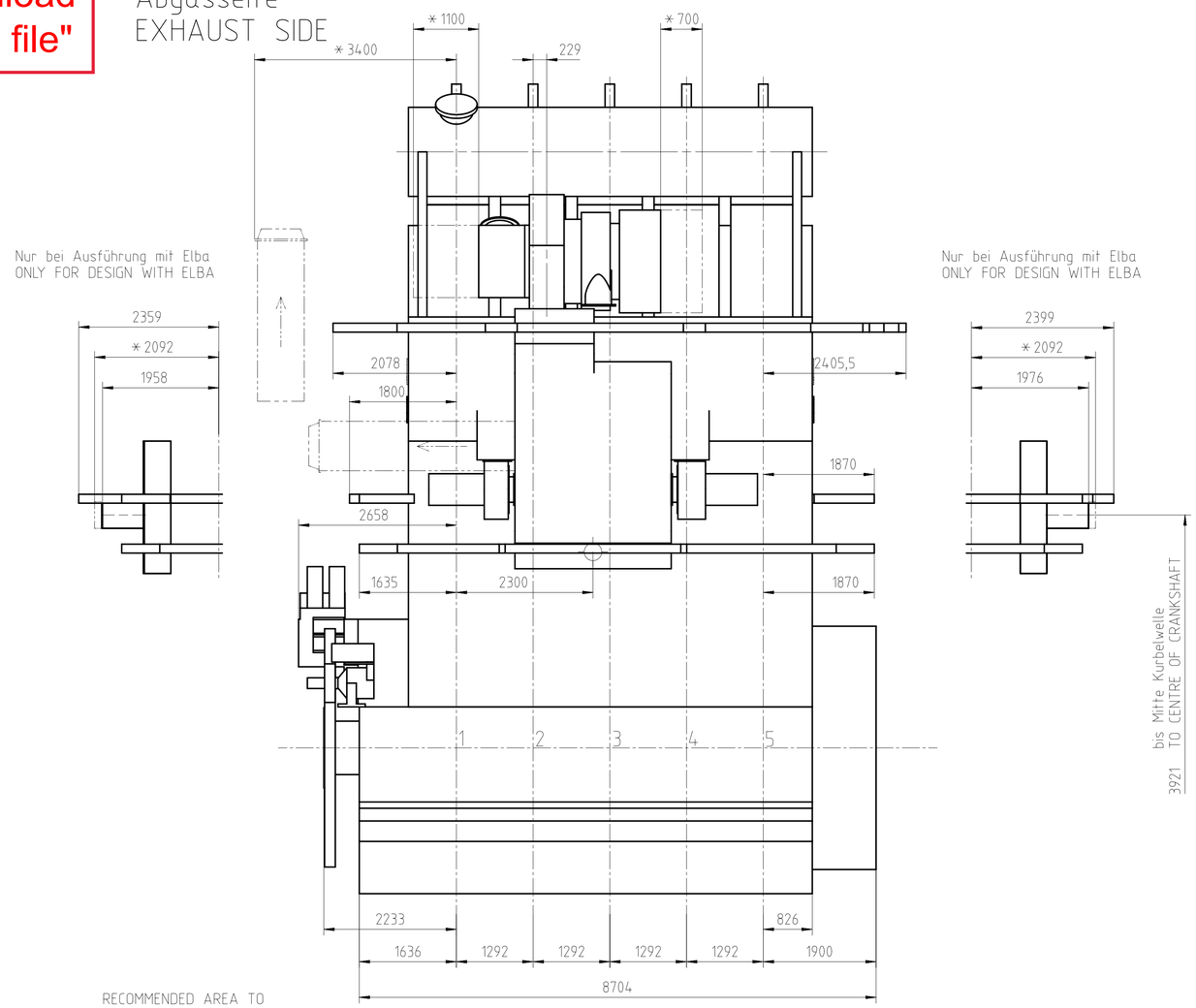
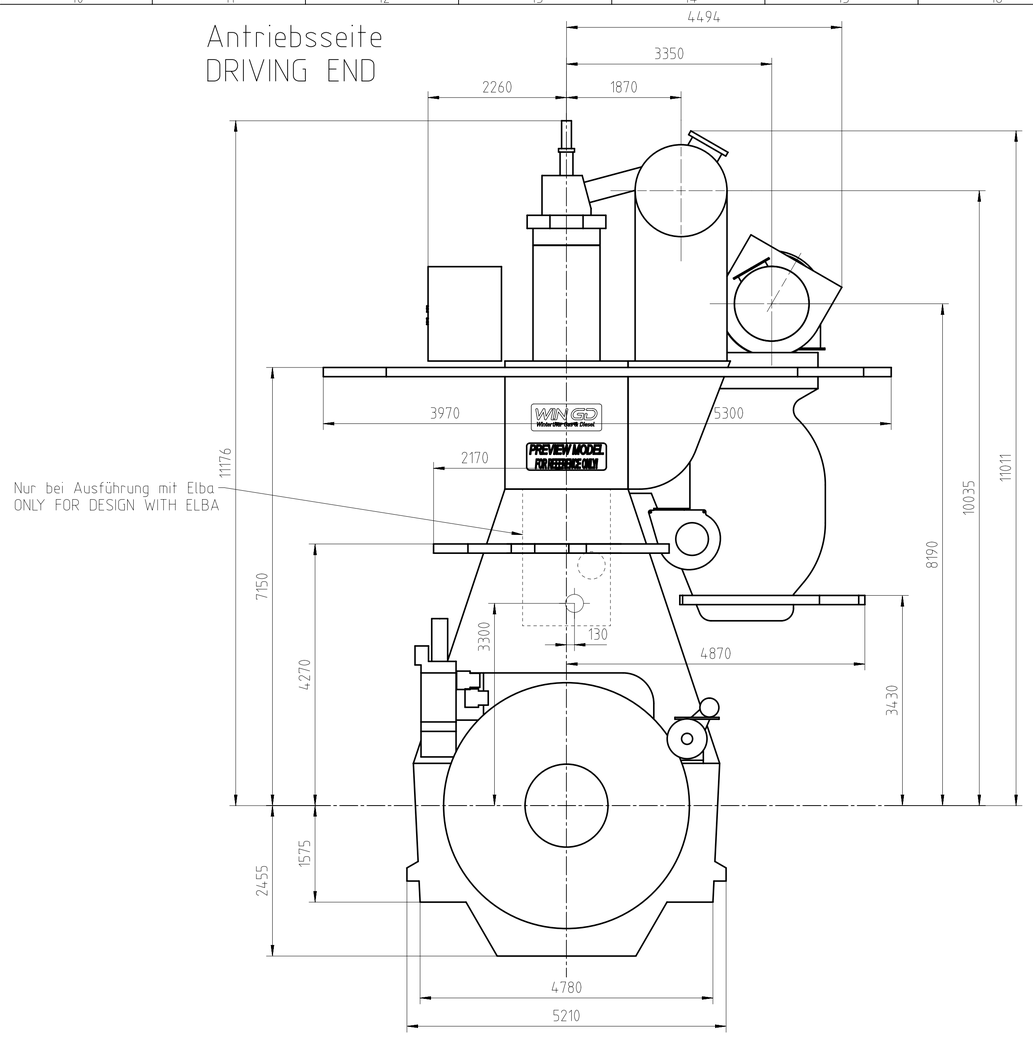
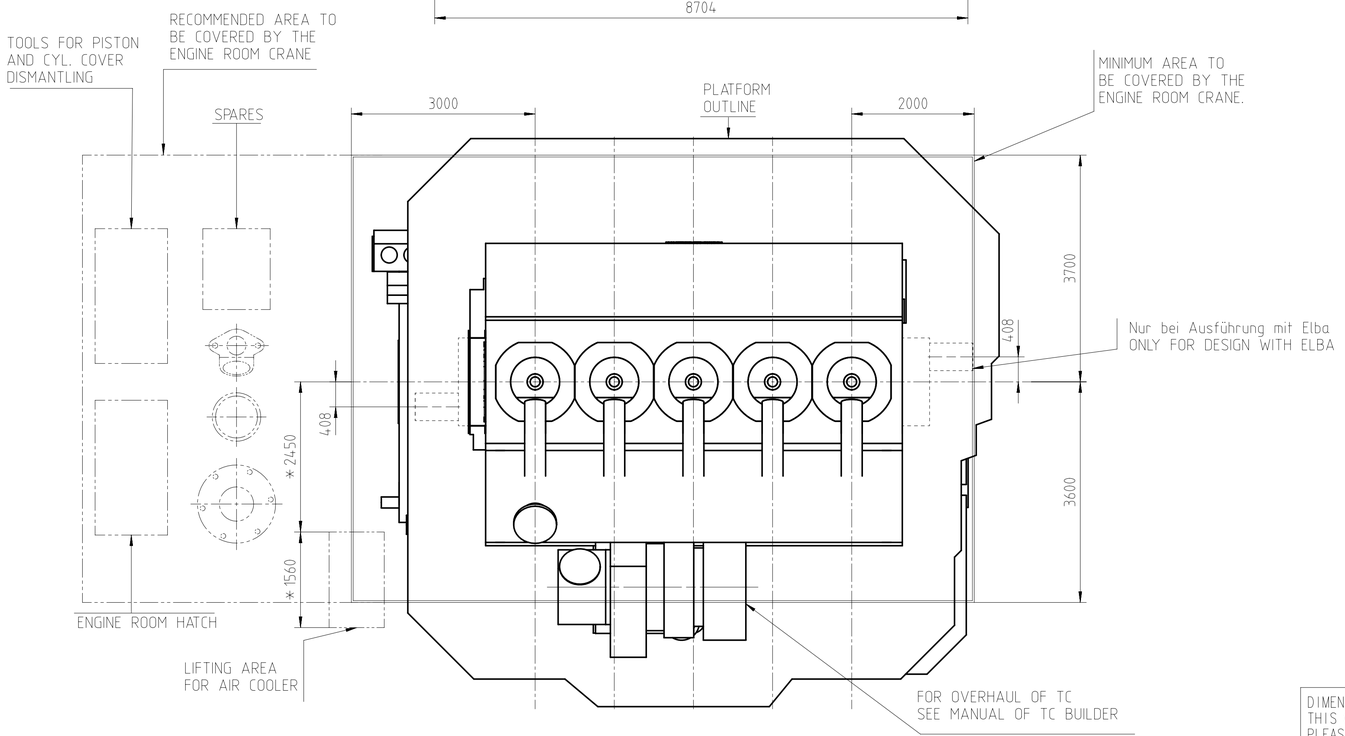


Antriebsseite
DRIVING END





Gewicht ohne Wasser und Oel= 481 t
WEIGHT WITHOUT WATER AND OIL

* Platz fuer Demontage
SPACE FOR REMOVAL
ca. Schwerpunkt
APPROX. CENTRE OF GRAVITY

TURBOCHARGER 1xMET66MB

Net Weight						
0,001						
Quantity PER ENGINE	SEQ NO	Material ID	Material Name / Dimension, Occ	Standard or Drawing	Basic Material / Material Standard	Weight GR./NET
1	001	PAAD187129	DISMANTLING DIMENSIONS	DAAD064846		0,001
PAAD359997	Free space for lic				Q-Code XXXXX / Standard ISO; JIS	Main Drw. H
MaterialID	Modif.	Number	Drawn date	Number	Drawn date	Number	Drawn date	Number	Drawn date
	-	EAAD093852	30.07.2020						

Approved

WIN GD Winterthur Gas & Diesel

Product: W5X72DF(STD)

ENGINE OUTLINE VIEW
MET66MB
Motoransichten
MET66MB

Units	mm kg	NX	Basic Material	Net Weight
Made	20.07.2020	tch101 Chen	Scale 1:50	Size A1 / Page 1/1 / Material ID
Chkd	28.08.2020	rfl002 Fliegans	Design Group 0812	
Appd	28.08.2020	mda006 Dacic	Drawing ID DAAD132580	Rev. -

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GENERAL TOLERANCES ACCORDING TO ISO2768-mK

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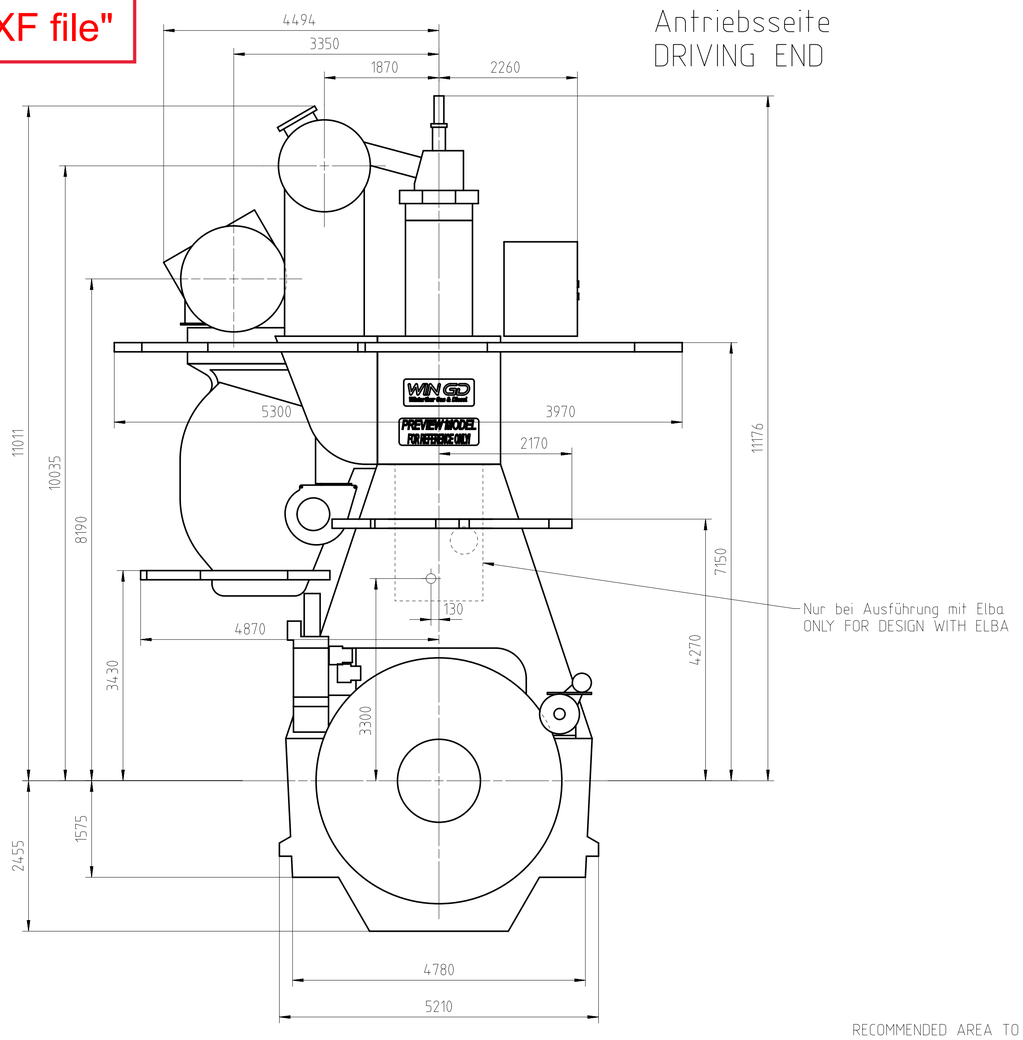
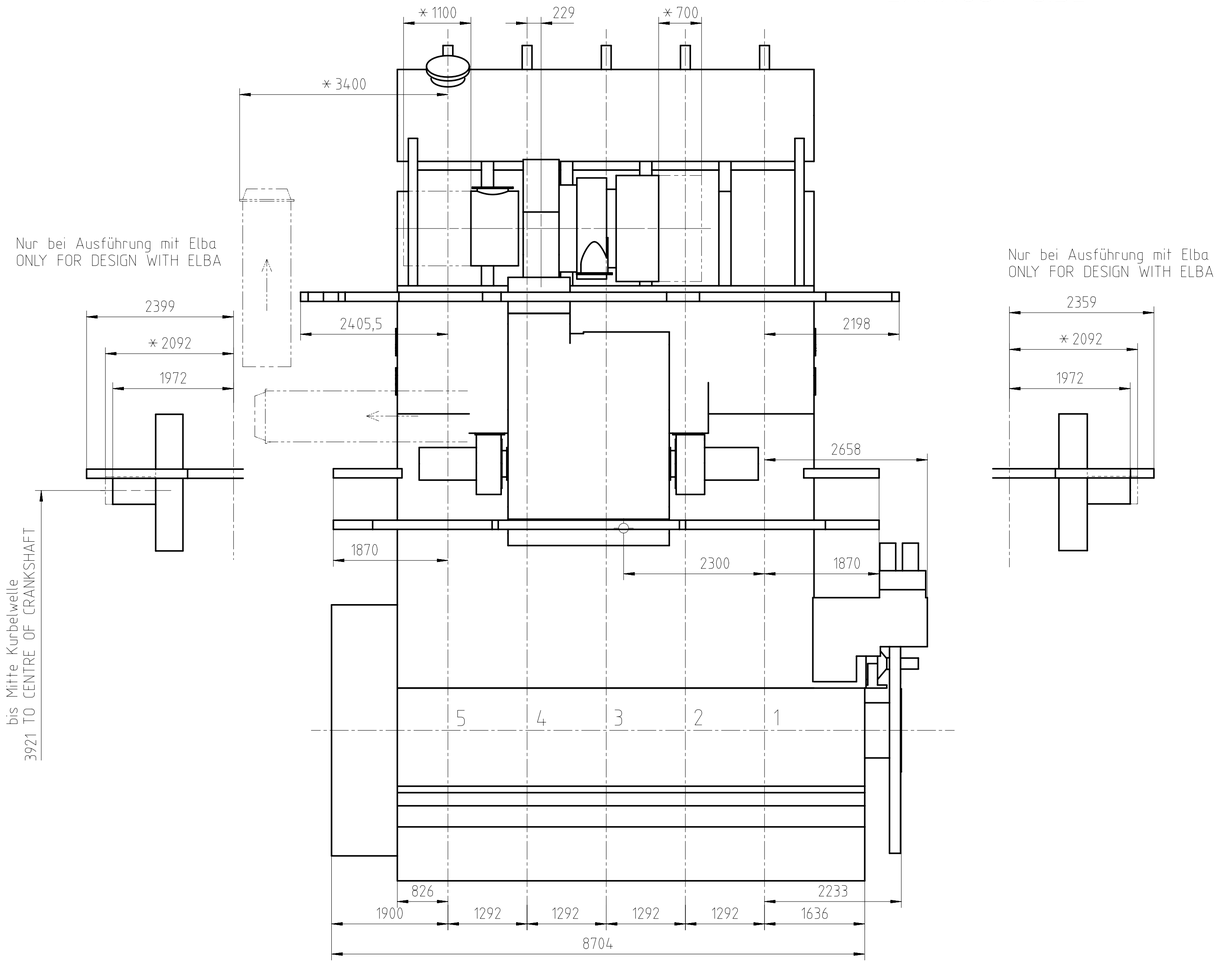
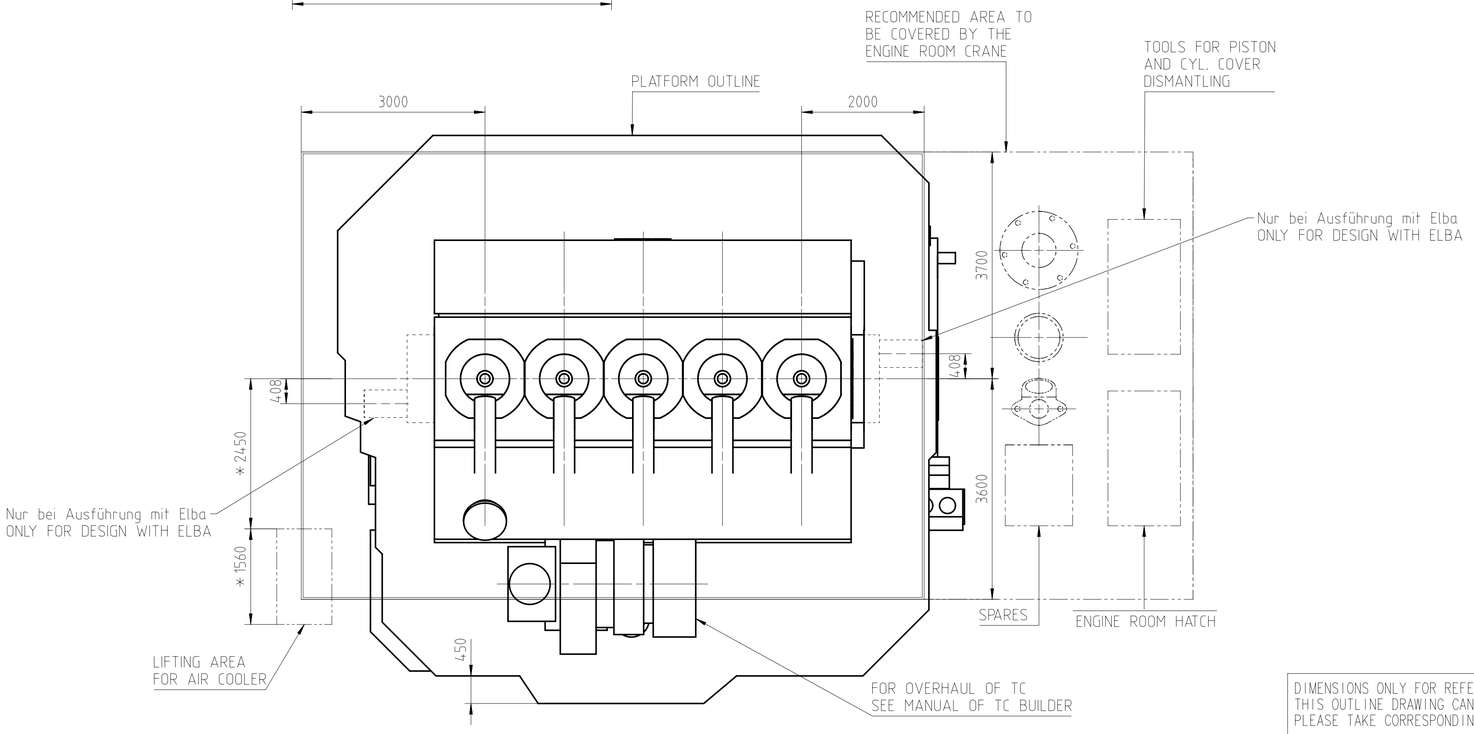


Abgasseite
EXHAUST SIDE





Gewicht ohne Wasser und Oel= 481 t
WEIGHT WITHOUT WATER AND OIL

* Platz fuer Demontage
SPACE FOR REMOVAL

ca. Schwerpunkt
APPROX. CENTRE OF GRAVITY

TURBOCHARGER 1x MET66MB

Net Weight	Quantity PER ENGINE	SEQ NO	Material ID	Material Name / Dimension, Occ	Standard or Drawing	Basic Material / Material Standard	Weight GR/NET
0,001	1	001	PAAD187129	DISMANTLING DIMENSIONS	DAAD064846		0,001

Approved

Material ID	Free space for lic.	Q-Code	Main Drw.
PAAD361729		XXXXX Standard ISO; JIS	H

Modif.	Number	Drawn date	Number	Drawn date	Number	Drawn date	Number	Drawn date
-	EAAD094027	15.04.2021						

WIN GD Winterthur Gas & Diesel

Product 5X72DF(LEFT)

ENGINE OUTLINE VIEW
MET66MB
Motoransichten
MET66MB

Units	mm kg	NX	Basic Material	Net Weight

Made	23.07.2020	tch101 Chen	Scale 1:50	Size A1	Page 1/1	Material ID
Chkd	15.04.2021	sch101 Chen	Design Group 0812	Drawing ID DAAD133193		Rev. -
Appd	15.04.2021	sth017 Thalmann				

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

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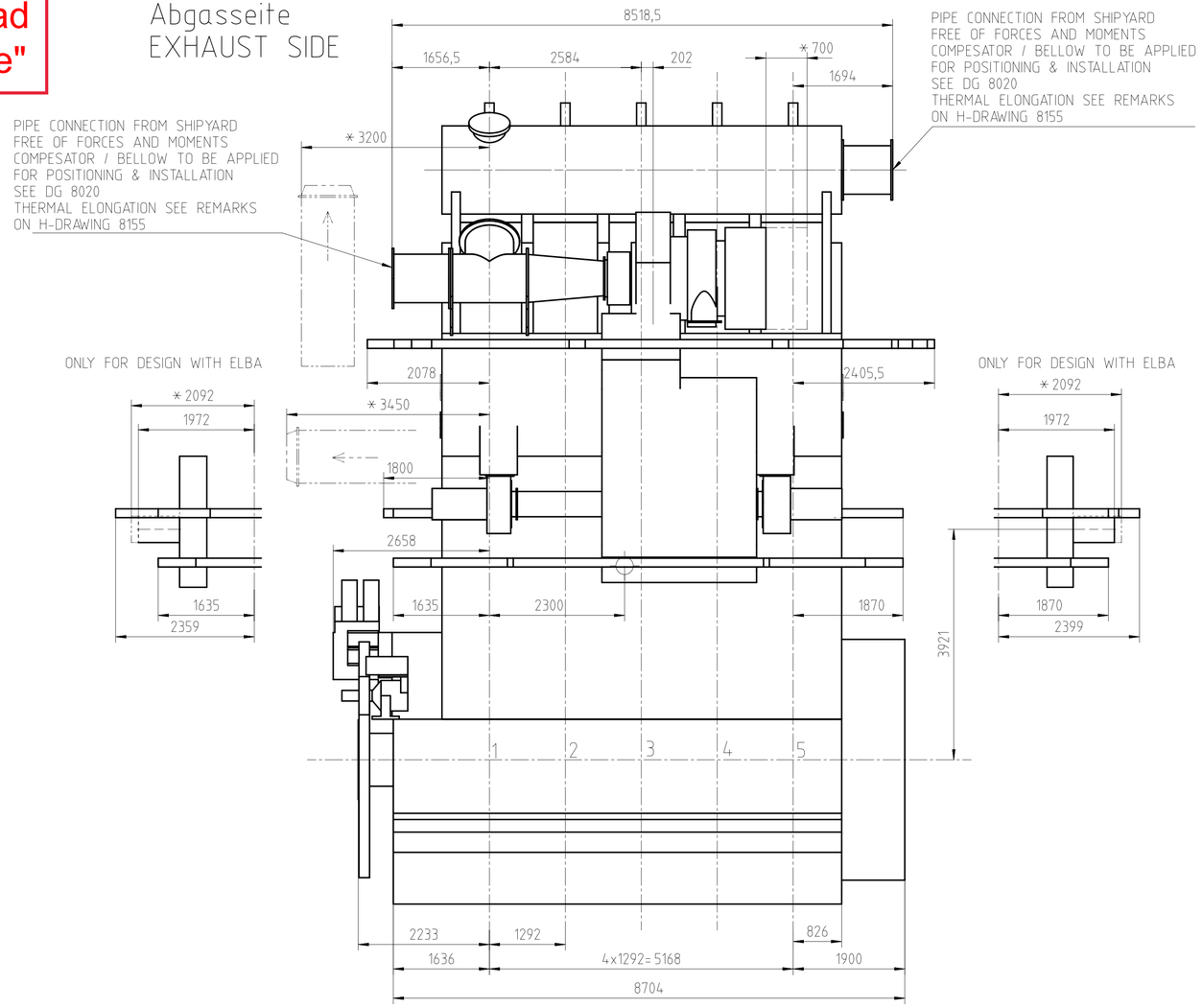
Abgasseite
EXHAUST SIDE



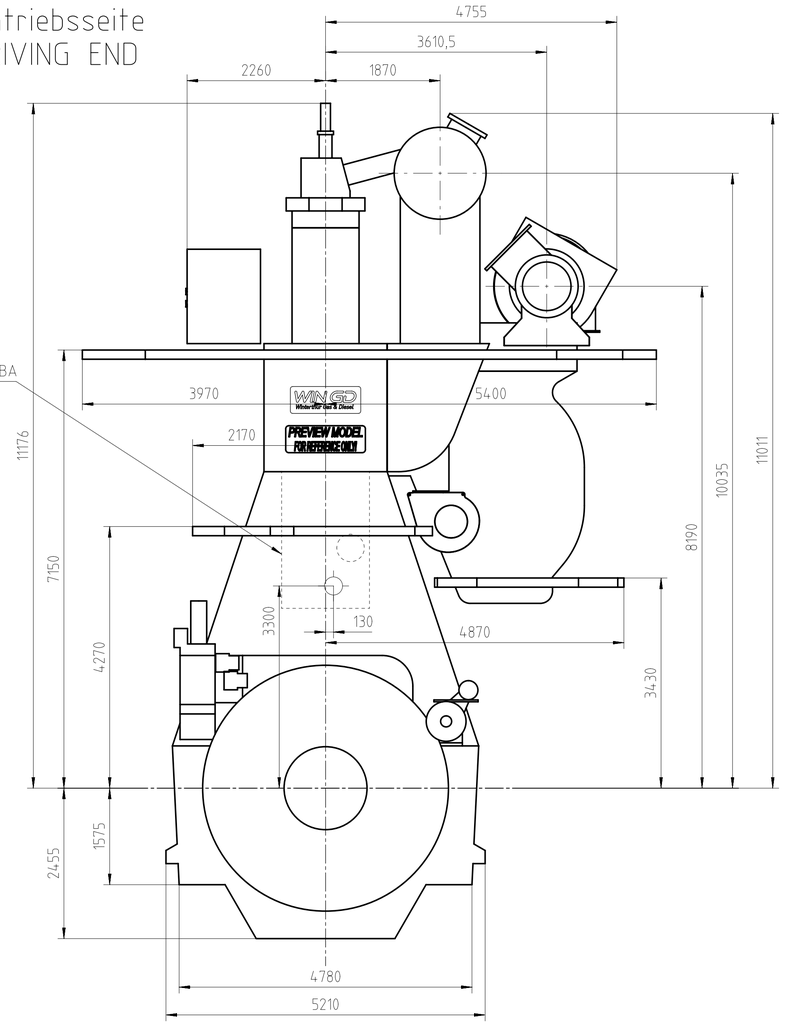
PIPE CONNECTION FROM SHIPYARD
FREE OF FORCES AND MOMENTS
COMPESATOR / BELLOW TO BE APPLIED
FOR POSITIONING & INSTALLATION
SEE DG 8020
THERMAL ELONGATION SEE REMARKS
ON H-DRAWING 8155

PIPE CONNECTION FROM SHIPYARD
FREE OF FORCES AND MOMENTS
COMPESATOR / BELLOW TO BE APPLIED
FOR POSITIONING & INSTALLATION
SEE DG 8020
THERMAL ELONGATION SEE REMARKS
ON H-DRAWING 8155

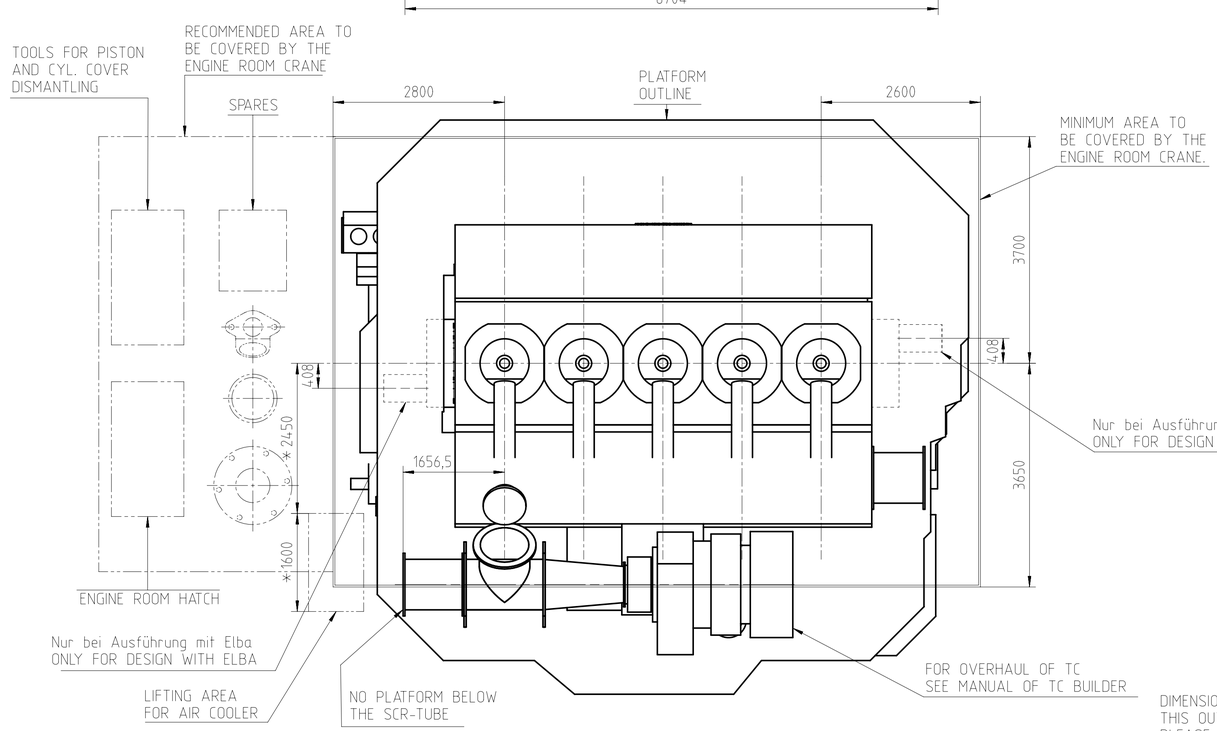
ONLY FOR DESIGN WITH ELBA

ONLY FOR DESIGN WITH ELBA

Antriebsseite
DRIVING END



ONLY FOR DESIGN WITH ELBA



Nur bei Ausführung mit Elba
ONLY FOR DESIGN WITH ELBA

Gewicht ohne Wasser und Oel = 481t
WEIGHT WITHOUT WATER AND OIL

* Platz fuer Demontage
SPACE FOR REMOVAL

ca. Schwerpunkt
APPROX. CENTRE OF GRAVITY

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

TURBOCHARGER 1xMET66MB

Net Weight	Quantity PER ENGINE	SEQ NO	Material ID	Material Name / Dimension, Occ	Standard or Drawing	Basic Material / Material Standard	Weight GR./NET
0.001	1	001	PAAD187129	DISMANTLING DIMENSIONS	DAAD064846		0.001

Material ID	Mod.t	Free space for lic	Q-Code	Main Drw.
PAAD361042	-		XXXXX	H

Standard: ISO; JIS

Mod.t	Number	Drawn date	Number	Drawn date	Number	Drawn date	Number	Drawn date
-	EAAD094027	15.04.2021						

WIN GD Winterthur Gas & Diesel

Product: 5X72DF(STD)

ENGINE OUTLINE VIEW
HP-SCR-INTERFACE
Motoransichten
HP-SCR-Interface

Units	mm kg	N/X	Basic Material	Net Weight

Made	23.07.2020	tch101 Chen	Scale 1:50	Size A1	Page 1/1	Material ID
Chkd	15.04.2021	sch101 Chen	Design Group 0812	Drawing ID DAAD133122		Rev. -
Appd	15.04.2021	sth017 Thalmann				

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

* Approved

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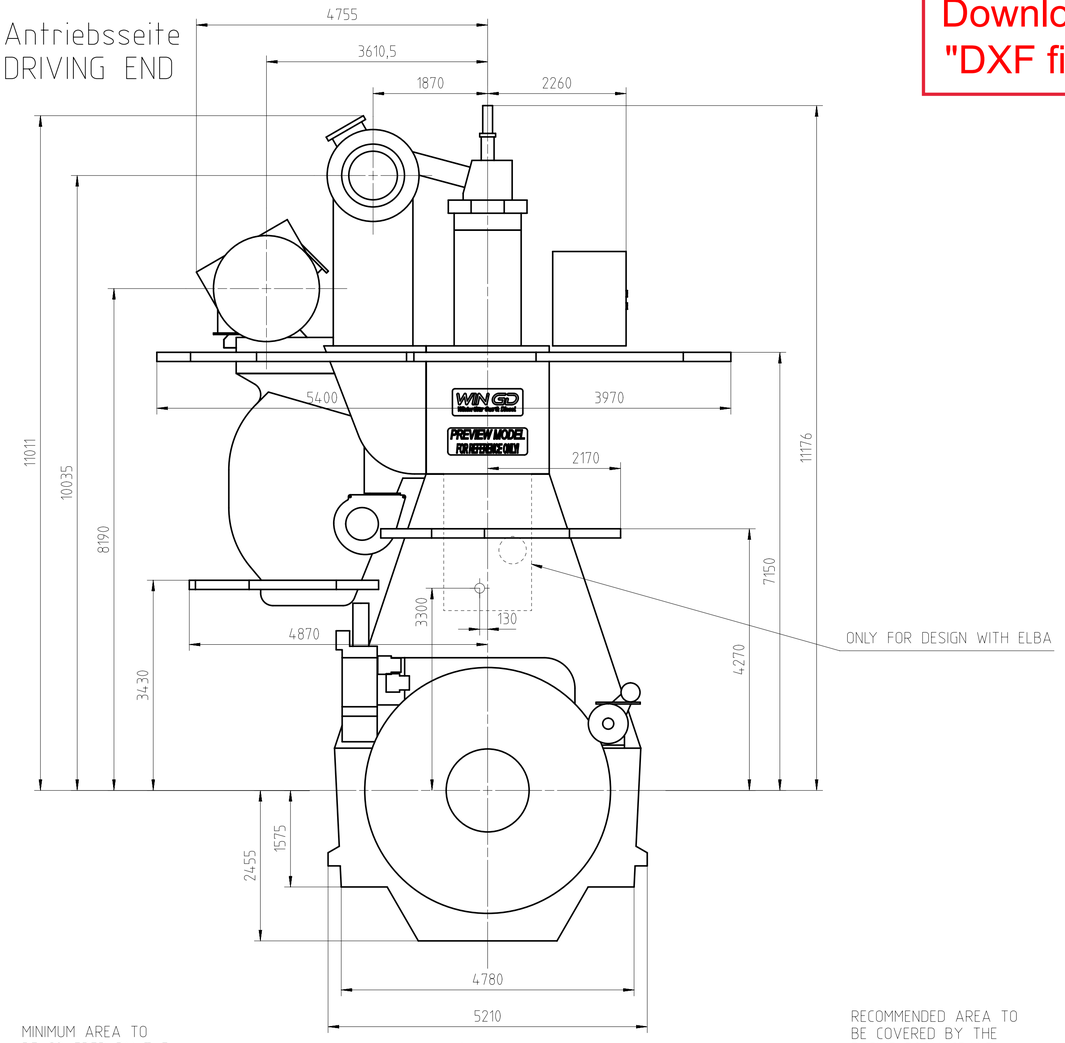
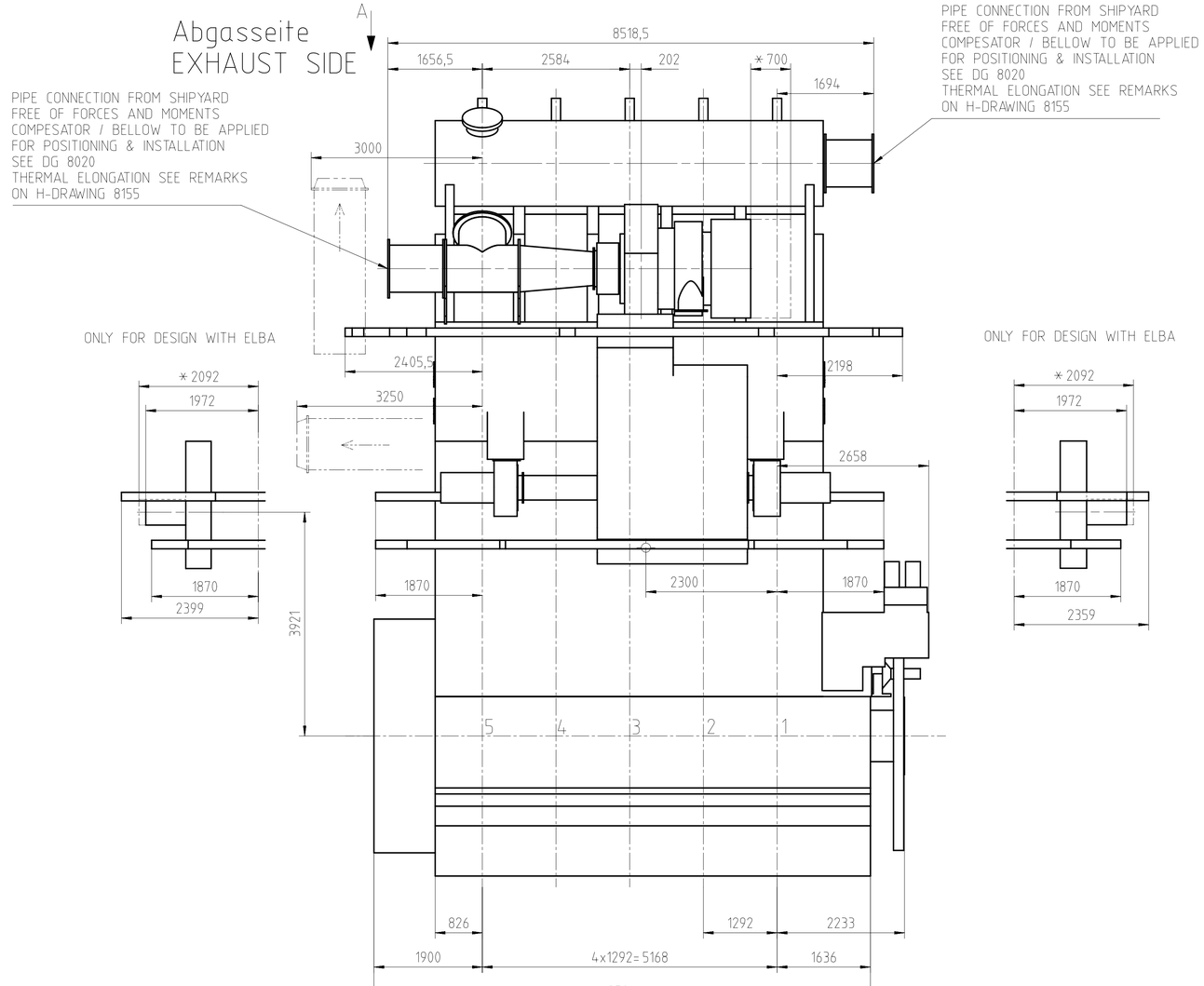
Download "DXF file"

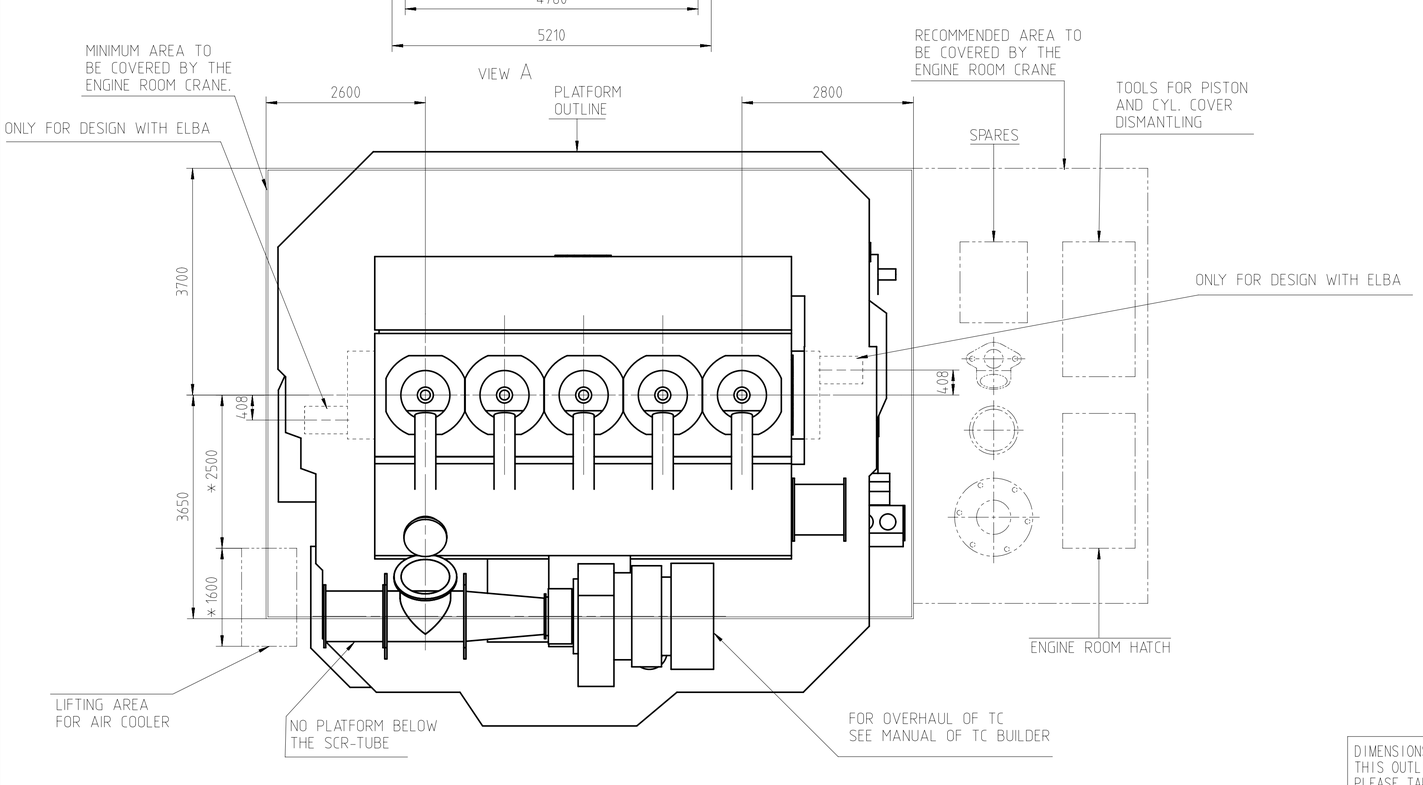
Antriebsseite
DRIVING END



VIEW A

Abgasseite
EXHAUST SIDE





Gewicht ohne Wasser und Oel= 481 t
WEIGHT WITHOUT WATER AND OIL

* Platz fuer Demontage
SPACE FOR REMOVAL

ca. Schwerpunkt
APPROX. CENTRE OF GRAVITY

TURBOCHARGER 1x MET66MB

Net Weight						
0,001						
1	001	PAAD187129	DISMANTLING DIMENSIONS	DAAD064846		0,001
Quantity PER ENGINE	SEQ NO	Material ID	Material Name / Dimension, Occ	Standard or Drawing	Basic Material / Material Standard	Weight GR./NET

Approved

Material ID	Free space for lic		Q-Code	Main Drw.
PAAD361227			XXXXX	H
	Model	EAAD094027 15.04.2021	Standard	
		Number / Drawn date	ISO; JIS	

WIN GD Winterthur Gas & Diesel

Product: 5X72DF(LEFT)

ENGINE OUTLINE VIEW
HP-SCR-INTERFACE
Motoransichten
HP-SCR-Interface

Units	mm kg	NX	Basic Material	Net Weight
Made	23.07.2020	tch101 Chen	Scale 1:50	Size A1 / Page 1/1 / Material ID
Chkd	15.04.2021	sch101 Chen	Design Group 0812	
Appd	15.04.2021	sth017 Thalmann	Drawing ID DAAD133192	Rev. –

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PLEASE TAKE CORRESPONDING DESIGN GROUP

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

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Download
"DXF file"

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

Gewicht ohne Hebewerkzeug:
WEIGHT WITHOUT LIFTING TOOL:

X72DF = 2800 kg
X72-B = 2880 kg (B)

Zylindereinsatz und Wasserleitmantel
CYLINDER LINER AND WATER
GUIDE JACKET

Gewicht ohne Hebewerkzeug:
WEIGHT WITHOUT LIFTING TOOL:

X72DF = 6400 kg
X72-B = 6250 kg (B)

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

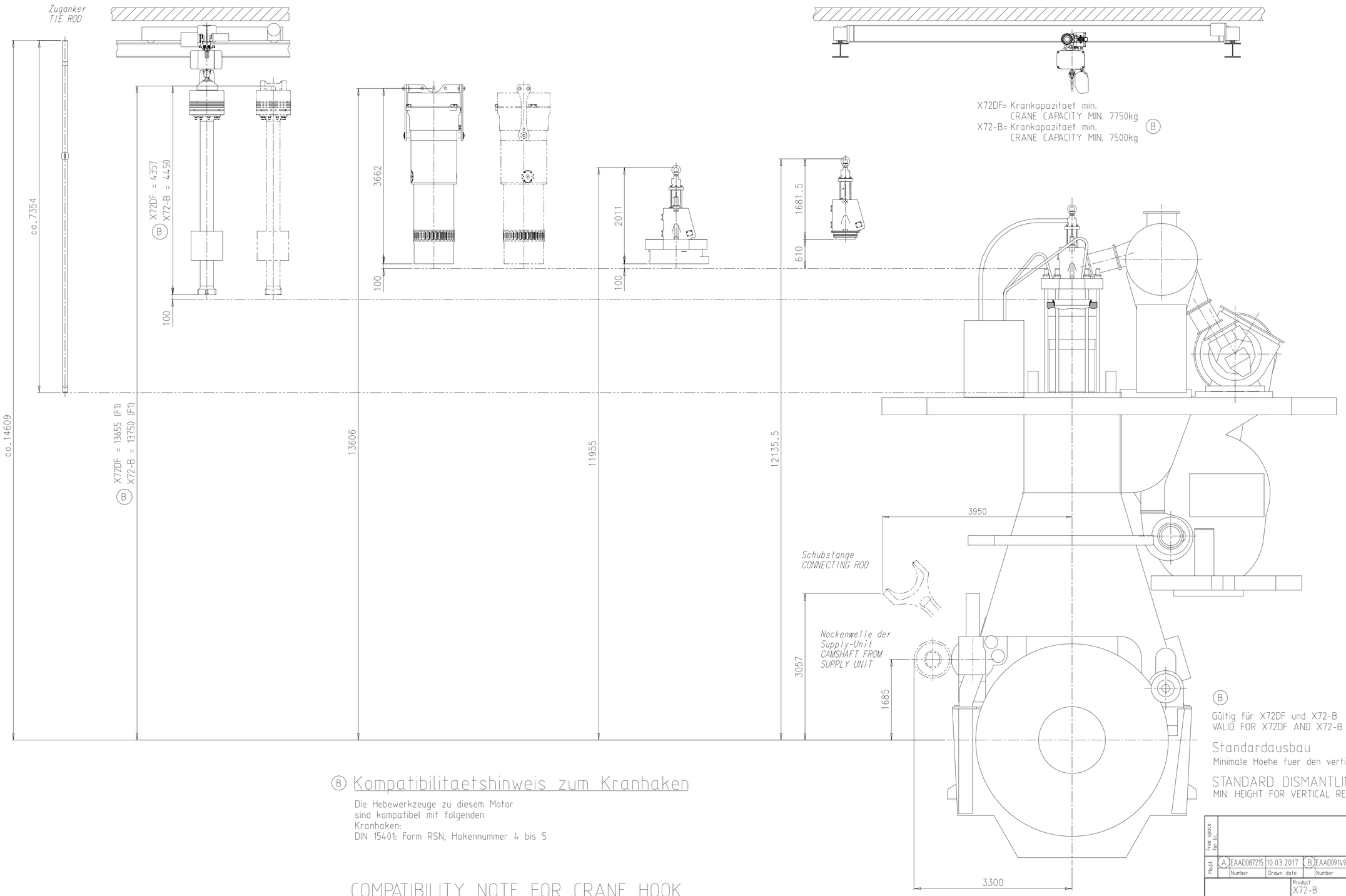
Gewicht ohne Hebewerkzeug:
WEIGHT WITHOUT LIFTING TOOL:

X72DF = 4180 kg
X72-B = 4370 kg (B)

Auslassventil komplett
EXHAUST VALVE COMPLETE

Gewicht ohne Hebewerkzeug:
WEIGHT WITHOUT LIFTING TOOL:

1050 kg (B)



(B) Gültig für X72DF und X72-B
VALID FOR X72DF AND X72-B

Standardausbau
Minimale Hoehe fuer den vertikalen Ausbau: F1

STANDARD DISMANTLING
MIN. HEIGHT FOR VERTICAL REMOVAL: F1

(B) 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

Approved

Free space for lic.							Q-Code XXXXX		Main Drw.
							Standard ISO; JIS		
Modif.	A	EAAD087215	10.03.2017	B	EAAD091495	15.04.2020			
		Number	Drawn date		Number	Drawn date	Number	Drawn date	Number	Drawn date

WIN GD Winterthur Gas & Diesel

Product: X72-B, X72DF

DISMANTLING DIMENSIONS

Ausbaumasse

Units mm kg	NX		Basic Material			Net Weight 0,001
SURFACE PROTECTION SEE GROUP 0344	Made	12.12.2016	a.ja101 A.Jones	Scale 1:40	Size A1	Page 1/2
TOLERANCING PRINCIPLE ISO8015	Chkd	03.11.2015	ast044 Stephan	Design Group 0812	Material ID PAAD187129	
GENERAL TOLERANCES ACCORDING TO ISO2768-mK	Appd	03.11.2015	bha009 Haag	Drawing ID DAAD064846	Rev. B	

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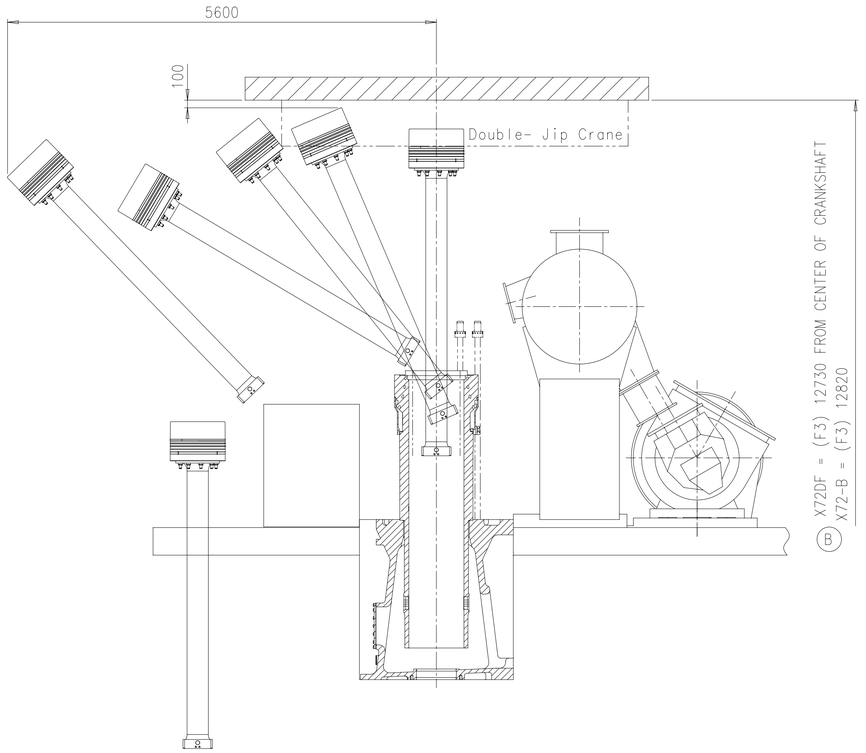
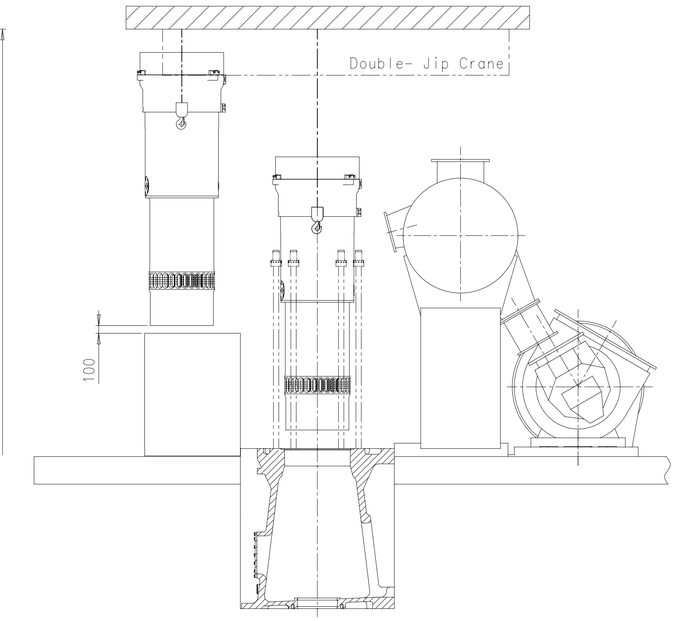
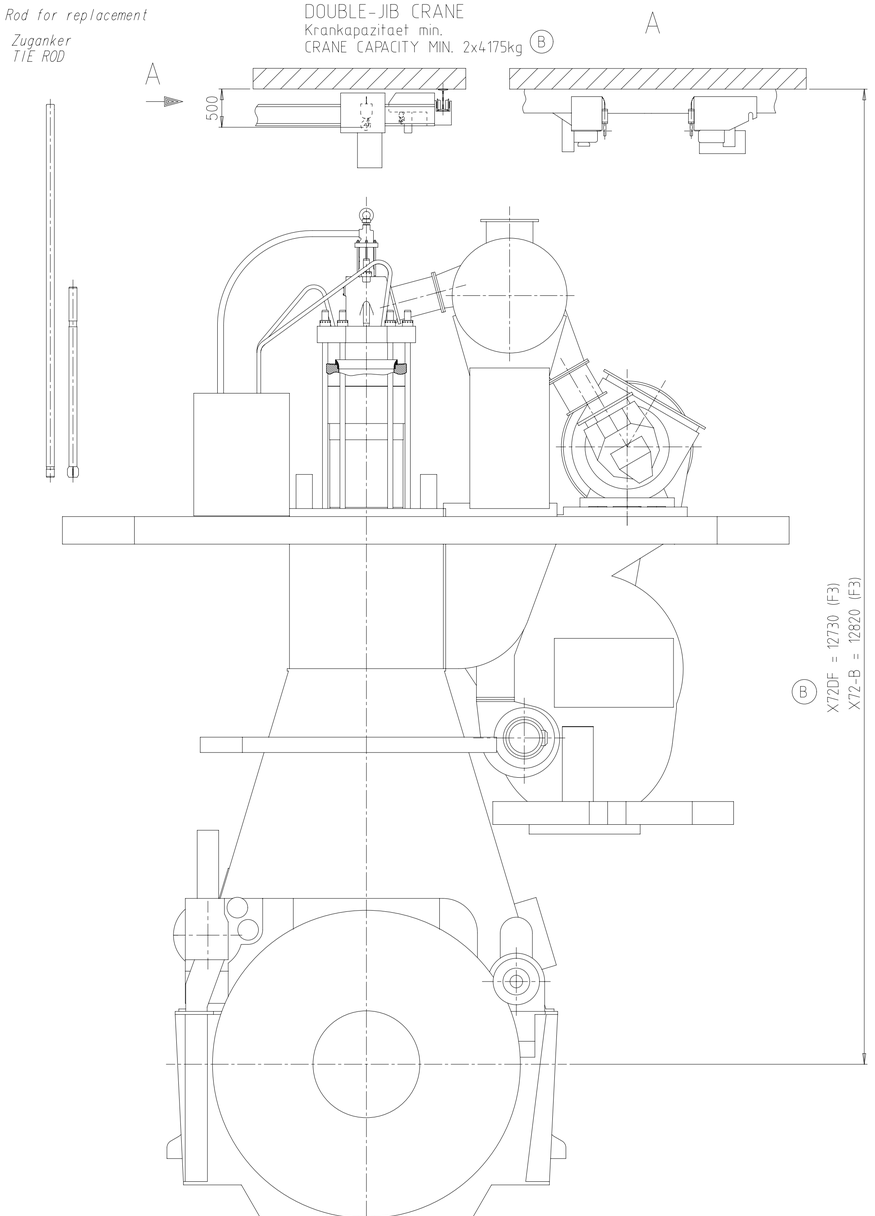




X72DF = (F3) 12730 FROM CENTER OF CRANKSHAFT
X72-B = (F3) 12820
(B)

Twin Tie Rod for replacement
Zuganker
TIE ROD



(B) X72DF = 12730 (F3)
X72-B = 12820 (F3)

1. Disassembly of cylinder cover

2. Disassemble two 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 suspention 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

(B) 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

(B) 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 IC															Q-Code XXXXX		Main Drw.
															Standard ISO; JIS		
Modif.	A	EAAD087215	10.03.2017		B	EAAD091495	15.04.2020										
		Number	Drawn date			Number	Drawn date		Number	Drawn date		Number	Drawn date		Number	Drawn date	

WIN GD Winterthur Gas & Diesel

Product: X72-B, X72DF

DISMANTLING DIMENSIONS

Ausbaumasse

Units mm kg	NX		Basic Material			Net Weight 0,001	
SURFACE PROTECTION SEE GROUP 0344	Made	12.12.2016	ajo101 A.Jones	Scale 1:40	Size A1	Page 2/2	Material ID PAAD187129
TOLERANCING PRINCIPLE ISO8015	Chkd	03.11.2015	ast044 Stephan	Design Group 0812	Drawing ID DAAD064846		Rev. B
GENERAL TOLERANCES ACCORDING TO ISO2768-mK	Appd	03.11.2015	bha009 Haag				

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WinGD-5X72DF_Engine-Outline-View

TRACK CHANGES

`	SUBJECT	DESCRIPTION
2018-02-26	DRAWING SET	First web upload
2018-09-20	DAAD105146 DAAD105184 DAAD095316 DAAD095365	Engine Outline View for Turbocharger type 1xMET 66MB (STD & LEFT) and 1xABB A175/A275 (STD & LEFT) have been added.
2019-05-15	DAAD105146 DAAD105184 DAAD095316 DAAD095365	Revised Engine Outline View for Turbocharger type 1xMET 66MB HP-SCR (STD & LEFT) and 1xABB A175/A275 (STD & LEFT) have been updated.
2020-07-20	DAAD064846	Revised Dismantling Drawing has been updated.
2020-09-02	DAAD132580	New Engine Outline View for Turbocharger type 1xMET 66MB_STD has been added. Link for 3D-file of Engine Outline View has been added.
2021-05-25	PAAD368405 PAAD368606 PAAD369012 PAAD369022	Revised Engine Outline View for Turbocharger type 1xA175-L HP-SCR (STD & LEFT) and 1xA175-L (STD & LEFT) have been updated.
	PAAD359974 PAAD359997 PAAD361180 PAAD360800 PAAD361112	Engine Outline View for Turbocharger type 1xA175/A275_LP/HP-SCR (STD & LEFT) have been replaced.
	PAAD360218 PAAD361343	Engine Outline View for Turbocharger type 1xA170/A270 (STD & LEFT) have been replaced.
	PAAD361042 PAAD361227 PAAD361229	Engine Outline View for Turbocharger type 1xMET 66MB (STD & LEFT) have been replaced.