SEQ NO	QTY	Item ID	Item Name / Dimension	Standard-ID	Basic Material	Net Weight
1	1	PAAD187129	DISMANTLING DIMENSIONS			0.001

Prod.				
	6 X72-B			

Change History

Rev.	Creator	Approver	Approval Date	Change ID	Change Synopsis	Activity Code	E	C
B	wta101	sth017	20.12.2022	CNAA002978	iELBA added		4	3
A	ihe003	mda006	16.04.2019	EAAD090396	Legacy information. See corresponding ChangeNotice		3	2
-	ada101	hdo002	16.03.2018		-		-	-

Approved

WIN GD
Winterthur Gas & Diesel

ENGINE OUTLINE VIEW

HP-SCR-INTERFACE

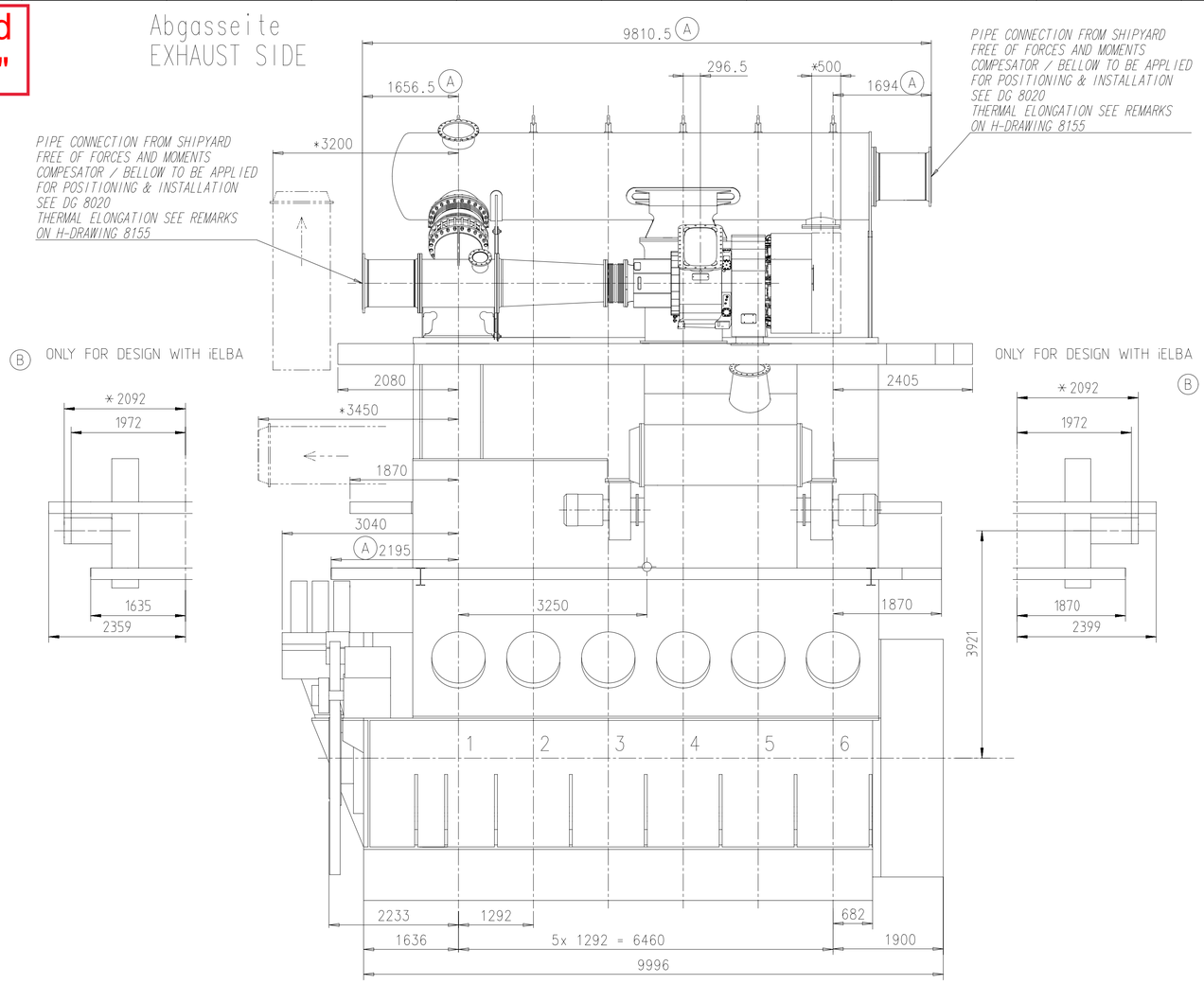
Bill Of Material

Dimension

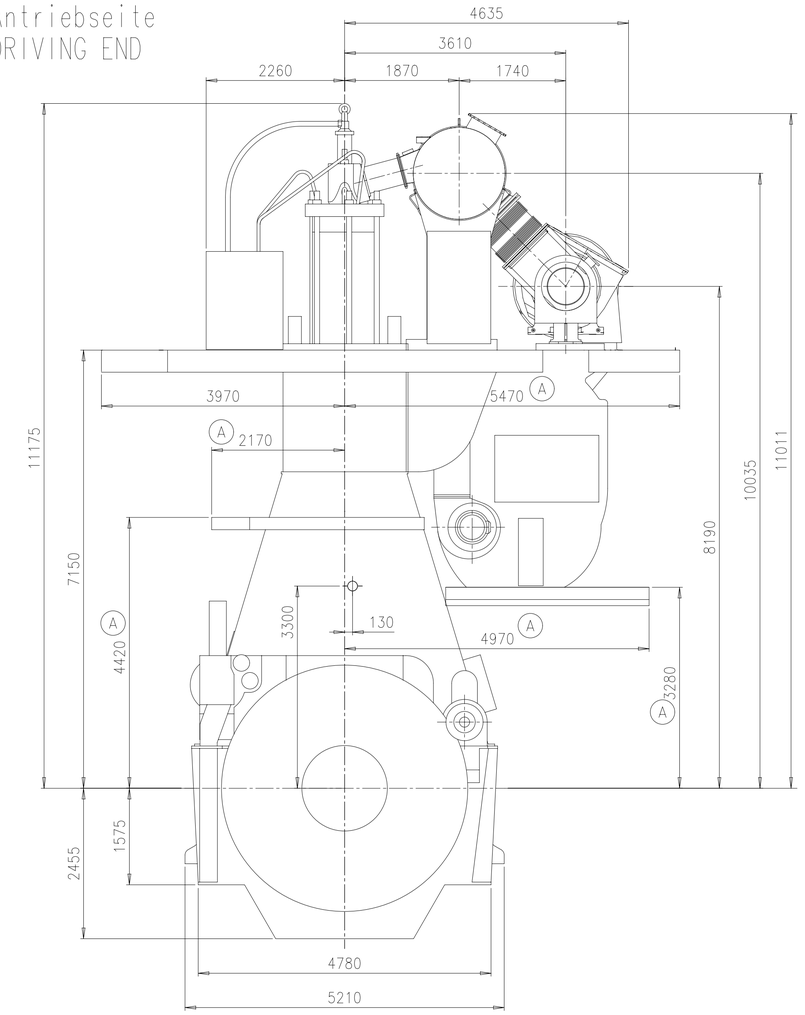
Units	[m] [kg]	Basic Material				Net Weight	0.001
Main Design	Yes	Design Group	0812	Q-Code	XXXXX	Standard	WDS
Qty per	Engine	A4	Item ID	PAAD288814		BOM Page/s	01/01

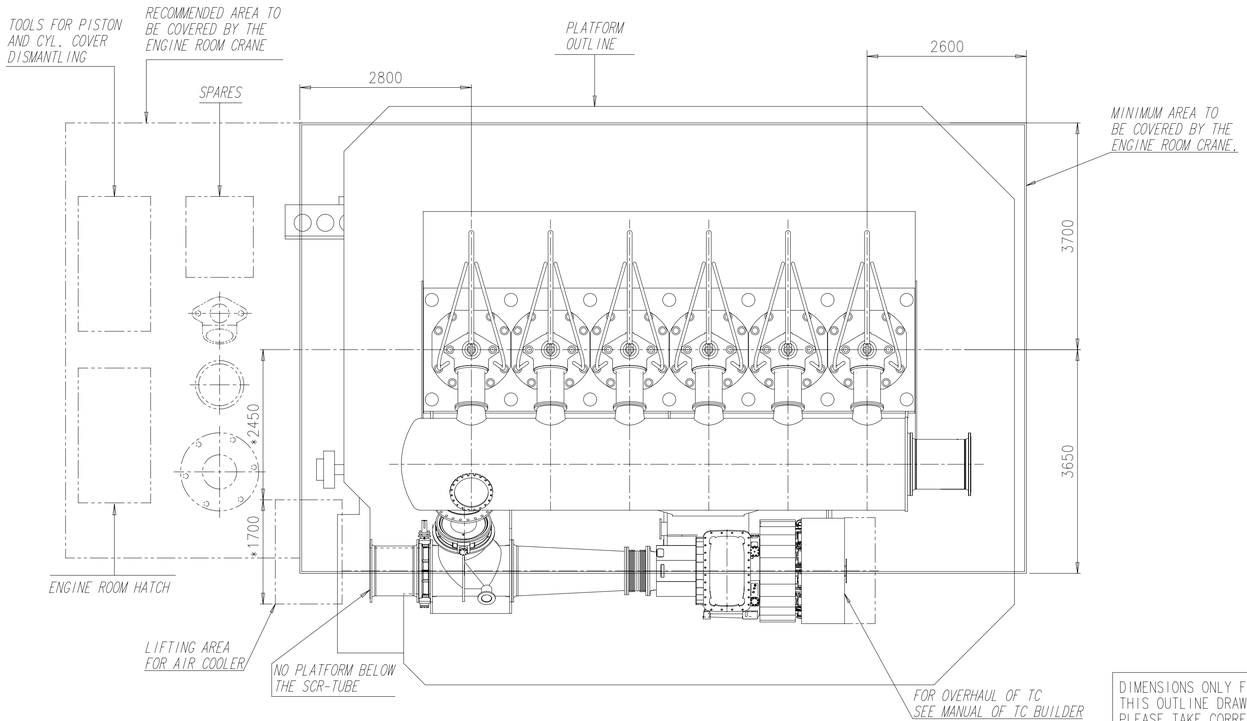
Download "DXF file"

Abgasseite
EXHAUST SIDE



Antriebseite
DRIVING END





Drawn for TC A275-L

Gewicht ohne Wasser und Oel= 561 t
WEIGHT WITHOUT WATER AND OIL

* *Platz fuer Demontage*
SPACE FOR REMOVAL

⌖ *ca. Schwerpunkt*
APPROX. CENTRE OF GRAVITY

TURBOCHARGER 1xA175-L axial
1xA275-L

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

Prod. 6X72-B

Change history

Rev.	Creator	Approver	Approval Date	Change ID	Change Synopsis	Activity Code	E	C
B	wta101	sth017	20.12.2022	CNAA002978	iELBA added		4	3
A	ihe003	mda006	16.04.2019	EAAD090396	Legacy information. See corresponding ChangeNotice		3	2
-	ada101	hdo002	16.03.2018		-		-	-

WIN GD Winterthur Gas & Diesel

ENGINE OUTLINE VIEW
HP-SCR-INTERFACE

separate BOM available

Dimension

Scale 1:50 NX

Units [mm] [kg]

Basic Material

Net Weight 0.001

Main Design Yes

Design Group 0812

Q-Code XXXXX

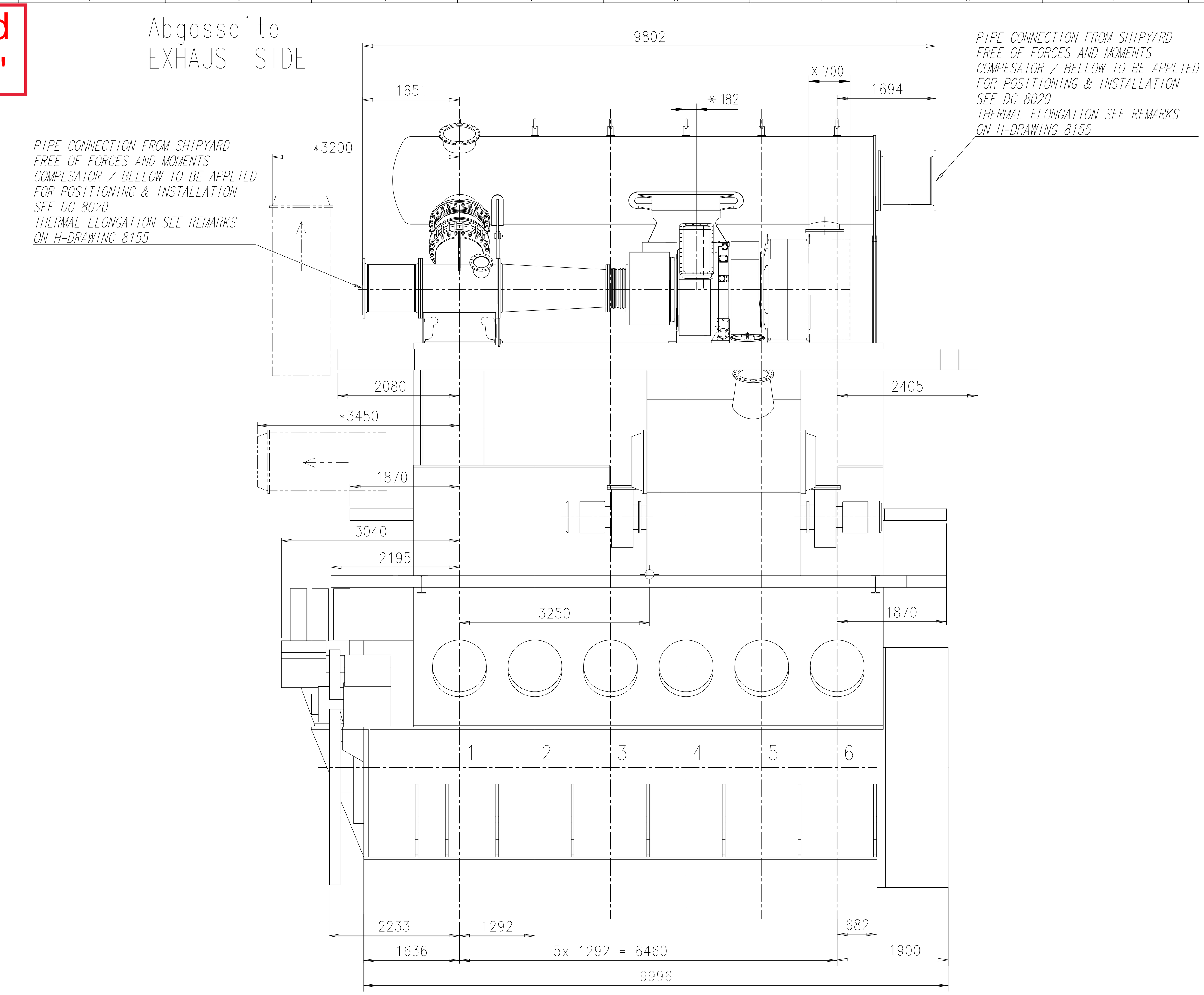
Standard WDS

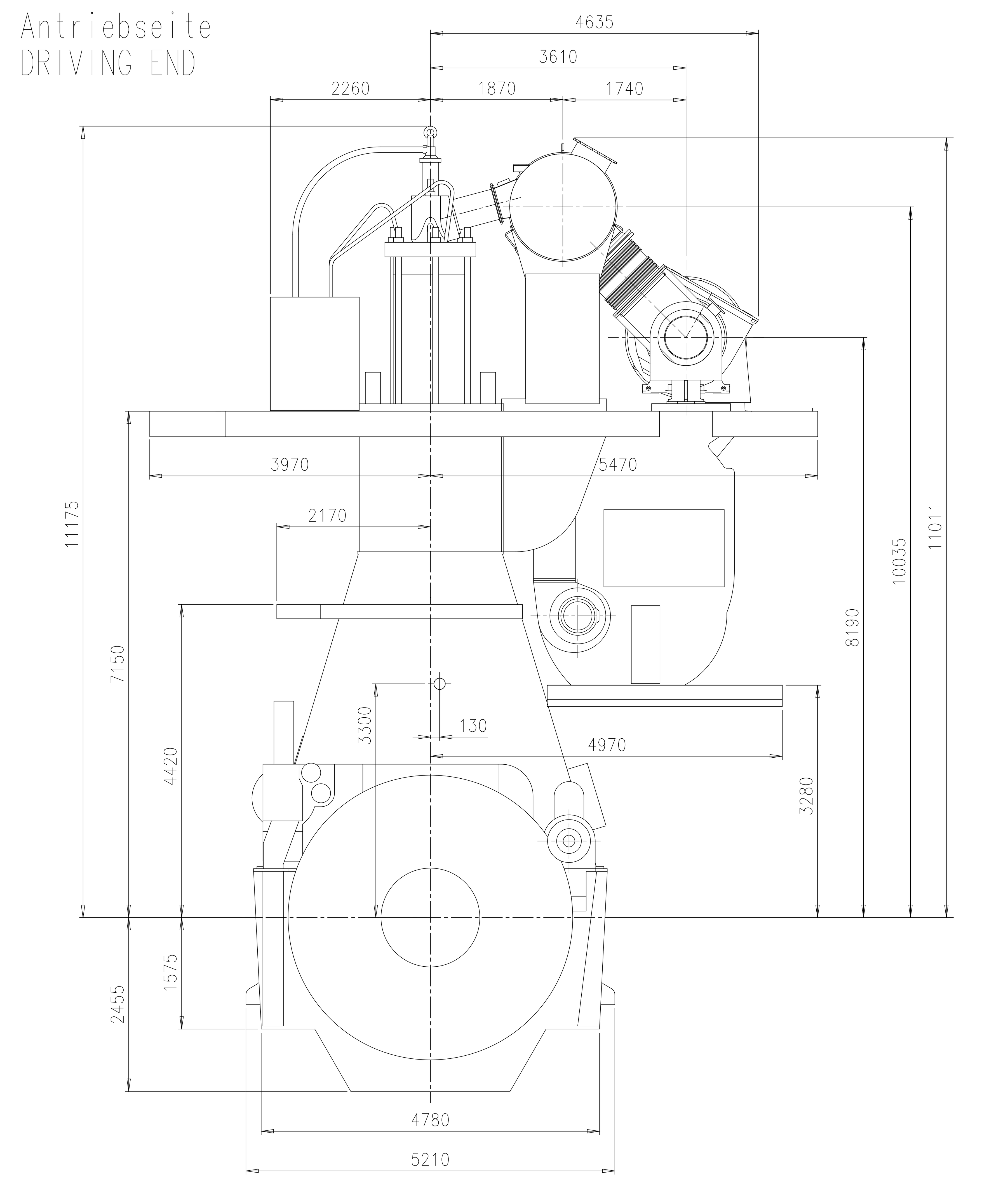
Qty per Engine

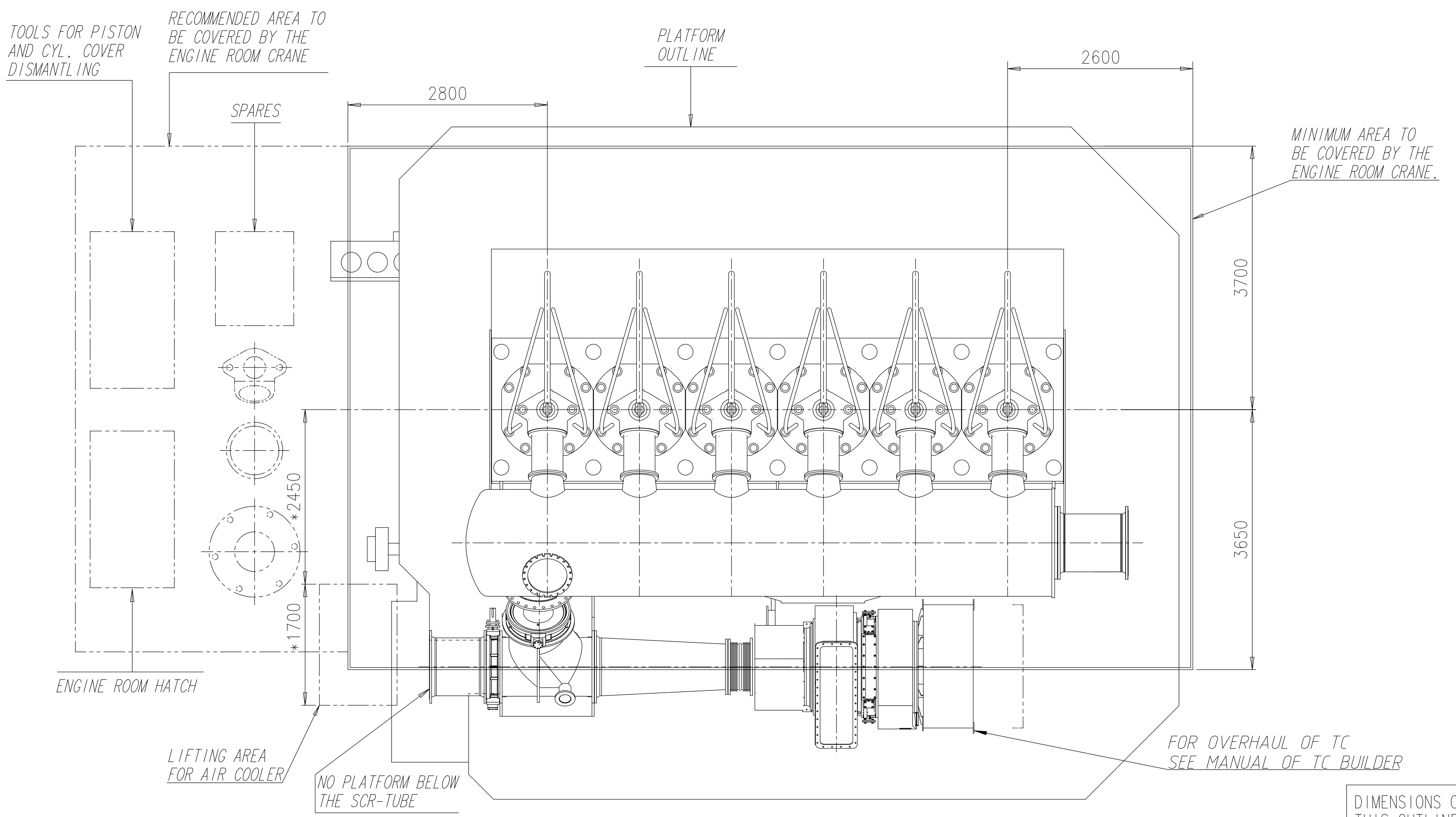
A1

Item ID PAAD288814

Drawing Page/s 1/1







Gewicht ohne Wasser und Oel= 561 t
WEIGHT WITHOUT WATER AND OIL

* Platz fuer Demontage
SPACE FOR REMOVAL

⌖ ca. Schwerpunkt
APPROX. CENTRE OF GRAVITY

TURBOCHARGER MET66 MB axial

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

NetWeight 0,001

MaterialID PAAD324858

Free space for lic.

Q-Code XXXXX

Standard ISO; JIS

Main Drw. H

Modif.	Number	Drawn date		Number	Drawn date		Number	Drawn date		Number	Drawn date
–	EAAD090617	24.04.2019									

WIN GD
Winterthur Gas & Diesel

Product W6X72-B

ENGINE OUTLINE VIEW
HP-SCR-INTERFACE

Motoransichten
HP-SCR-Interface

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

Units mm kg | NX | Basic Material | Net Weight

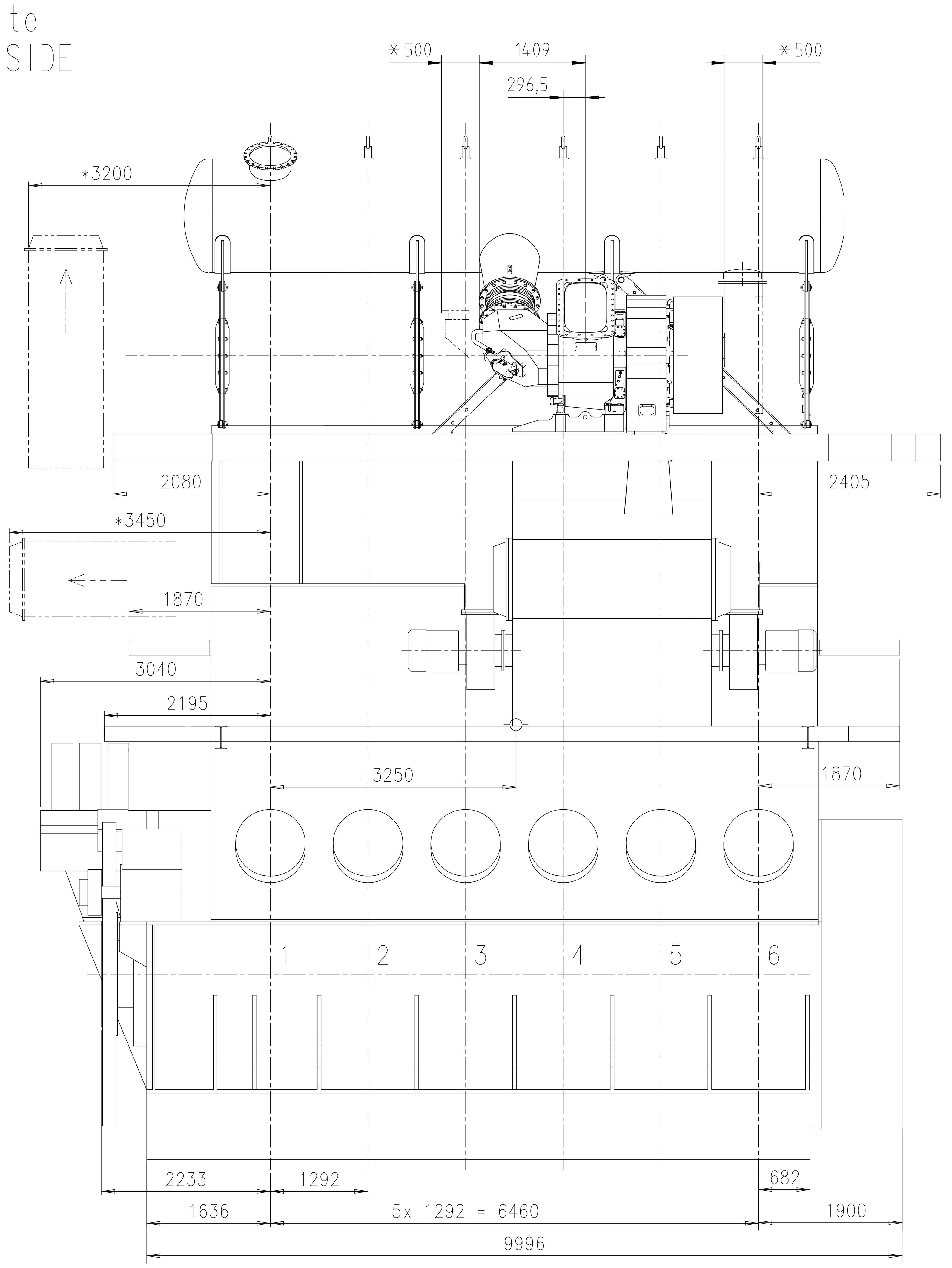
Made	17.04.2019 gli101 Licuria	Scale 1:50	Size A1	Page 1/1
Chkd	25.04.2019 ihe003 Herceg	Design Group 0812	Drawing ID DAAD114478	Rev. –
Appd	25.04.2019 mda006 Dacic			

Material ID

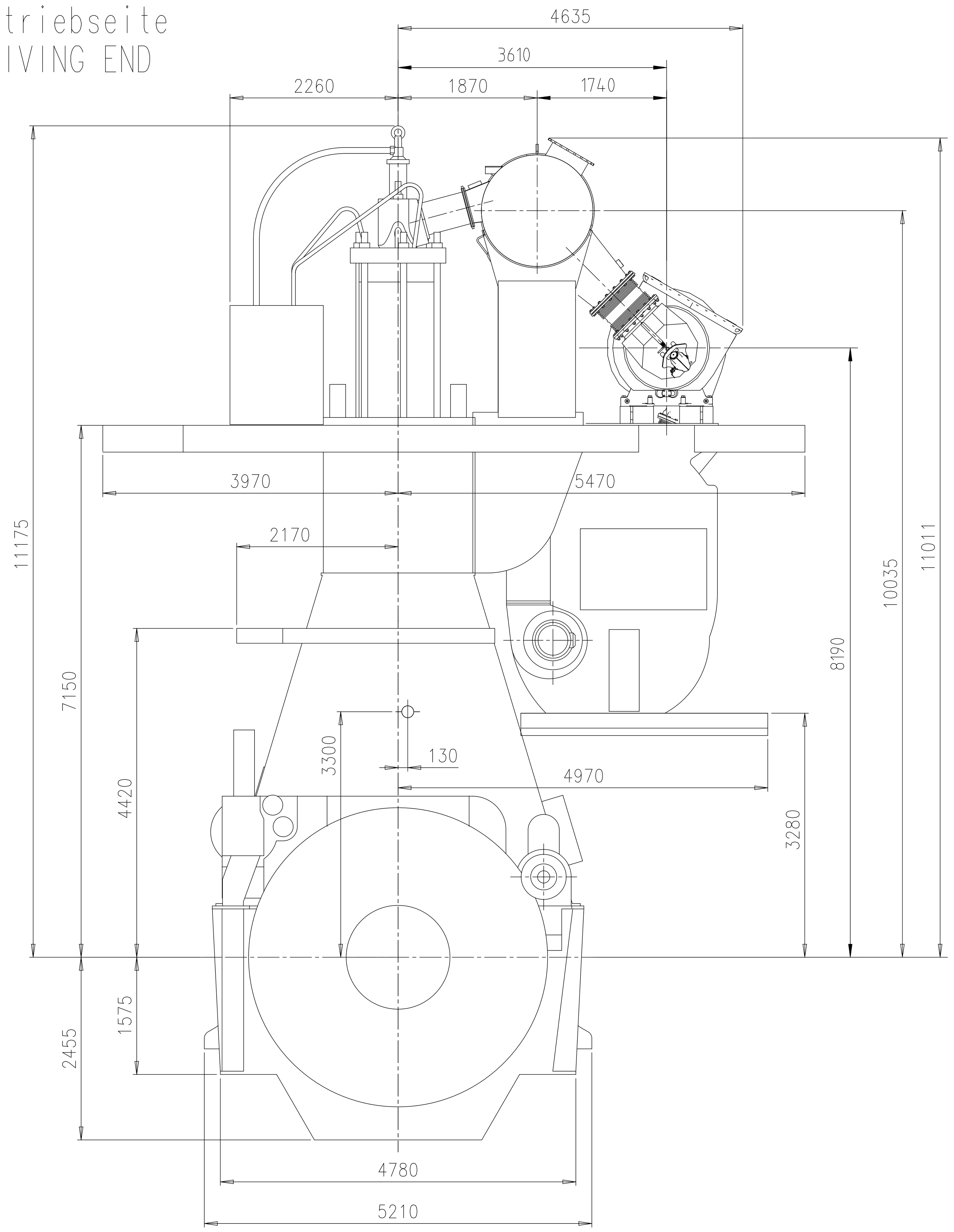
Approved

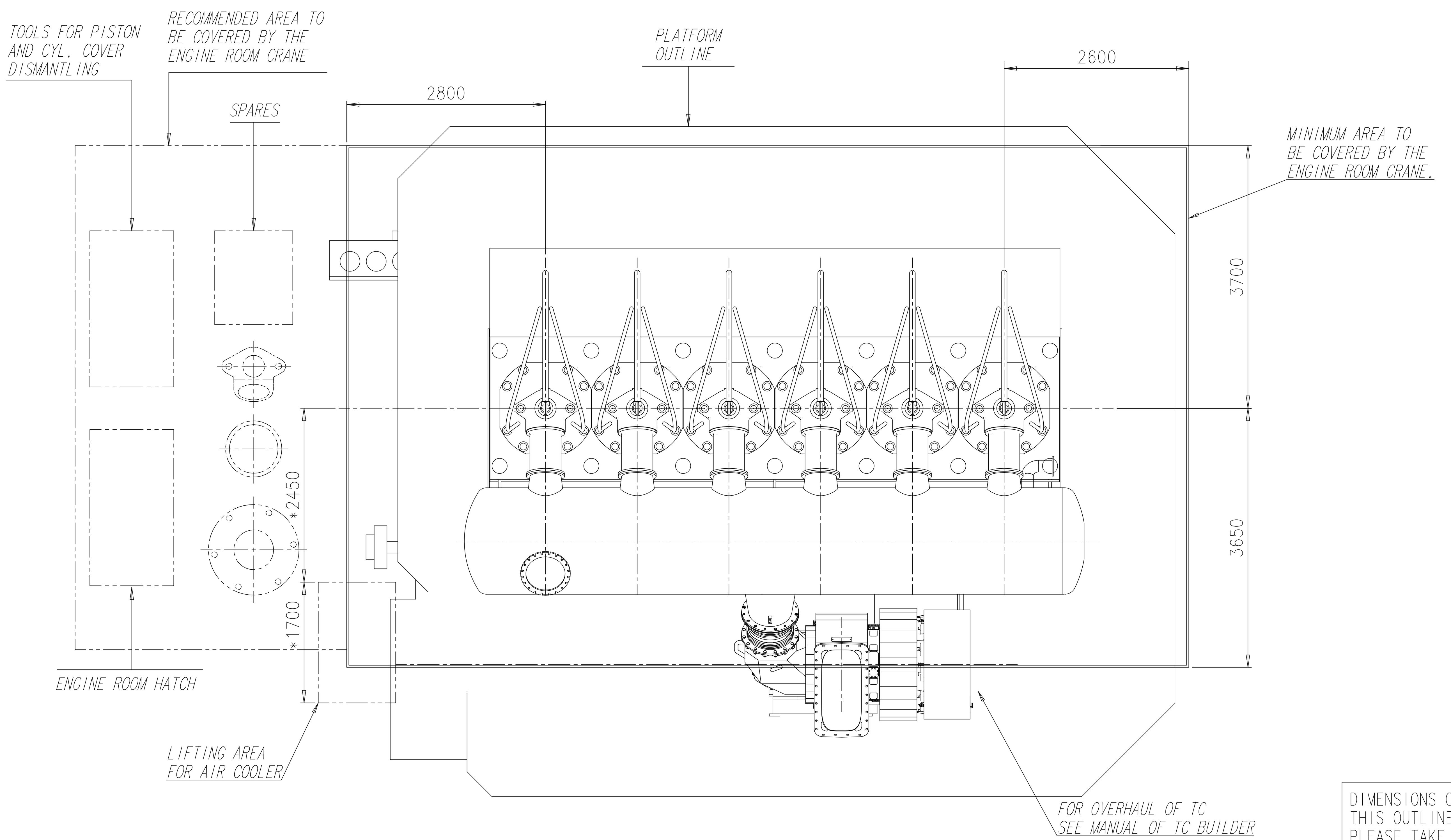
OLD - Outline drawing - Internal

Abgasseite
EXHAUST SIDE



Antriebseite
DRIVING END





Drawn for TC A175-L

Gewicht ohne Wasser und Oel= 561 t
WEIGHT WITHOUT WATER AND OIL

* *Platz fuer Demontage*
SPACE FOR REMOVAL

⌖ *ca. Schwerpunkt*
APPROX. CENTRE OF GRAVITY

TURBOCHARGER 1xA175-L
1xA275-L

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

MaterialID: PAAD327423 — Free space for lic. — Q-Code: XXXXX — Standard: ISO; JIS — Main Drw.: H

Modif.	Number	Drawn date	Number	Drawn date	Number	Drawn date	Number	Drawn date

Winterthur Gas & Diesel

Product: W6X72-B

ENGINE OUTLINE VIEW

Motoransichten

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

SURFACE PROTECTION SEE GROUP 0344	Units mm kg	NX	Basic Material	Net Weight
	Made 15.05.2019 Abraham Dasari	Scale 1:50	Size A1, Page 1/1	Material ID
TOLERANCING PRINCIPLE ISO8015	Chkd 28.05.2019 ihe003 Herceg	Design Group 0812	Drawing ID DAAD116207	Rev. –
GENERAL TOLERANCES ACCORDING TO ISO2768-mK	Appd 28.05.2019 hdo002 Dörre			

Approved

OLD - Outline drawing - Internal

SEQ NO	QTY	Item ID	Item Name / Dimension	Standard-ID	Basic Material	Net Weight
001	1	PAAD187129	DISMANTLING DIMENSIONS			0.001

Prod.				
	6 X72-B			

Change History

Rev.	Creator	Approver	Approval Date	Change ID	Change Synopsis	Activity Code	E	C
-	zli101	sth017	30.10.2023	CNAA004745	Main Design/Drawing Introduced		-	-
					Approved			

WIN GD
Winterthur Gas & Diesel

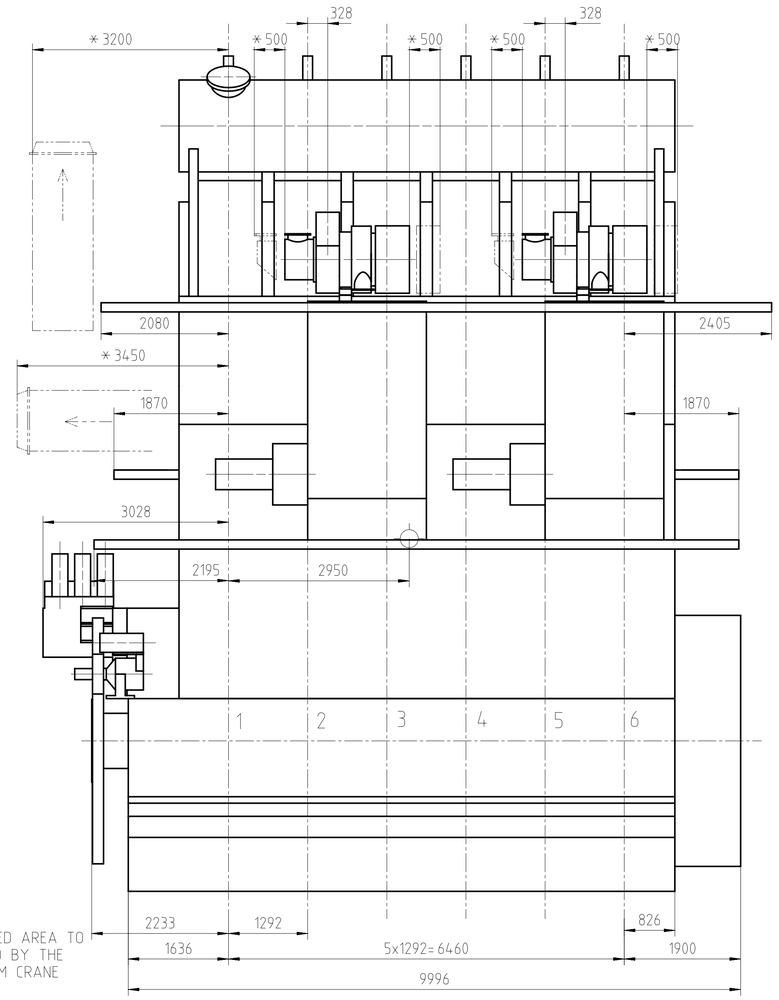
ENGINE OUTLINE VIEW

Bill Of Material

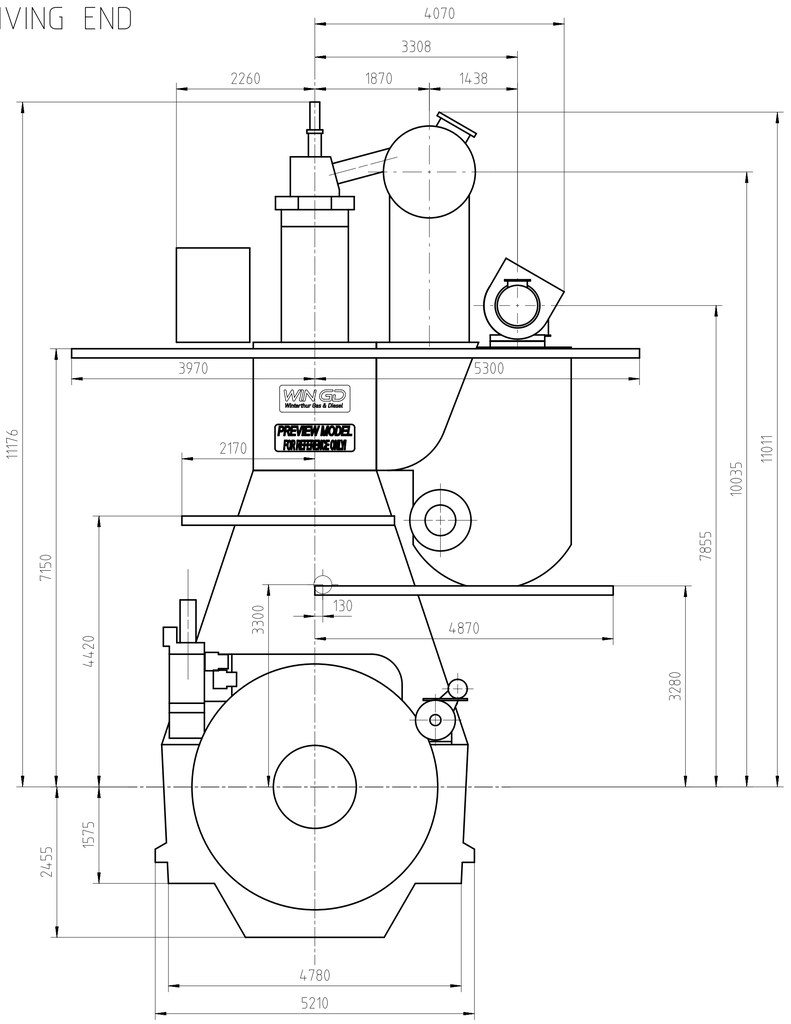
Dimension

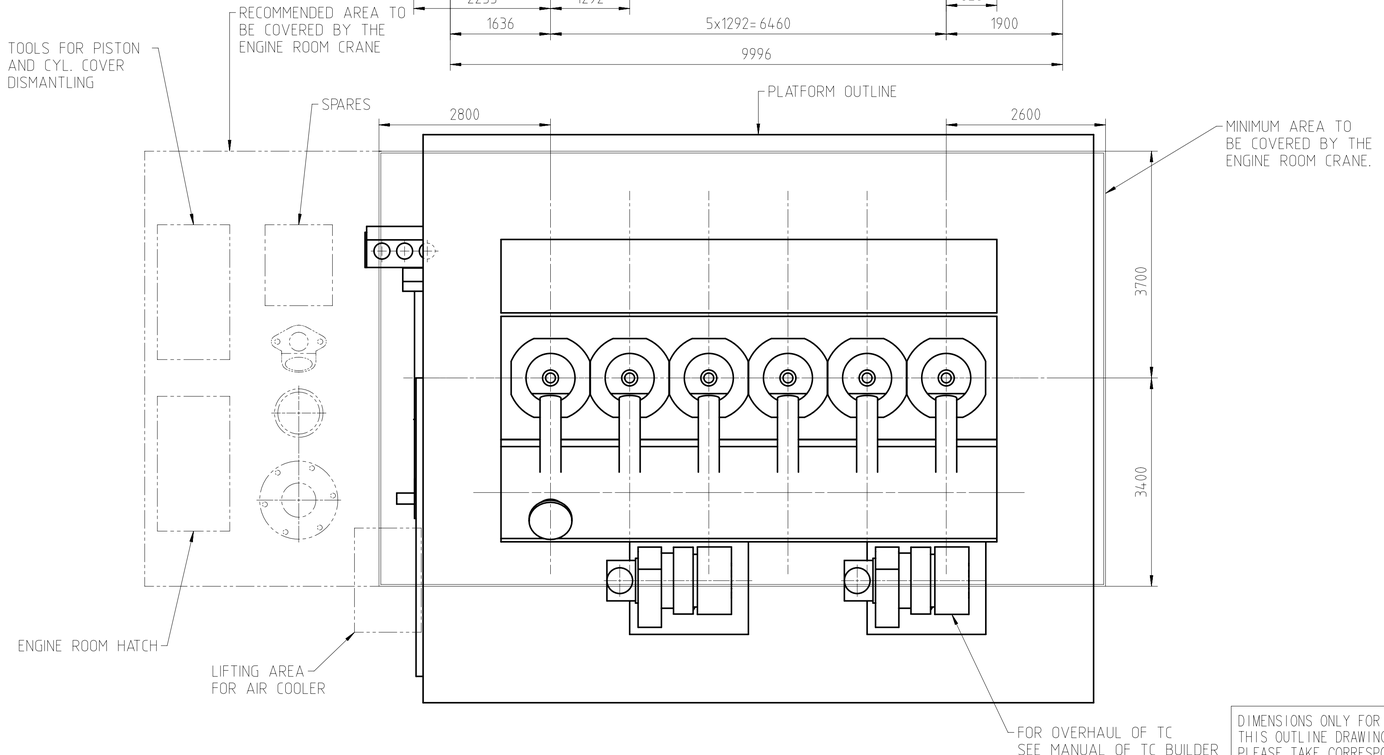
Units	[m] [kg]	Basic Material				Net Weight	0.001
Main Design	Yes	Design Group	0812	Q-Code	X X O	Standard	WDS
Qty per	Engine	A4	Item ID	PTAA081347		BOM Page/s	01/01

EXHAUST SIDE



DRIVING END





WEIGHT WITHOUT WATER AND OIL = 561t

* SPACE FOR REMOVAL

APPROX. CENTRE OF GRAVITY

TURBOCHARGER 2xMET42

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

Prod.	6X72-B						
Change History							
–	zli101	sth017	30.10.2023	CNAA004745	Main Design/Drawing Introduced	-	-
Rev.	Creator	Approver	Approval Date	Change ID	Change Synopsis Approved	Activity Code	E C

WIN GD Winterthur Gas & Diesel

ENGINE OUTLINE VIEW

separate BOM available

Dimension

Scale 1:50 NX | Units [mm] [kg] | Basic Material | Net Weight 0.001

Main Design Yes | Design Group 0812 | Q-Code X X 0 | Standard WDS

Qty per Engine | A1 | Item ID PTAA081347 | Drawing Page/s 1/1

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

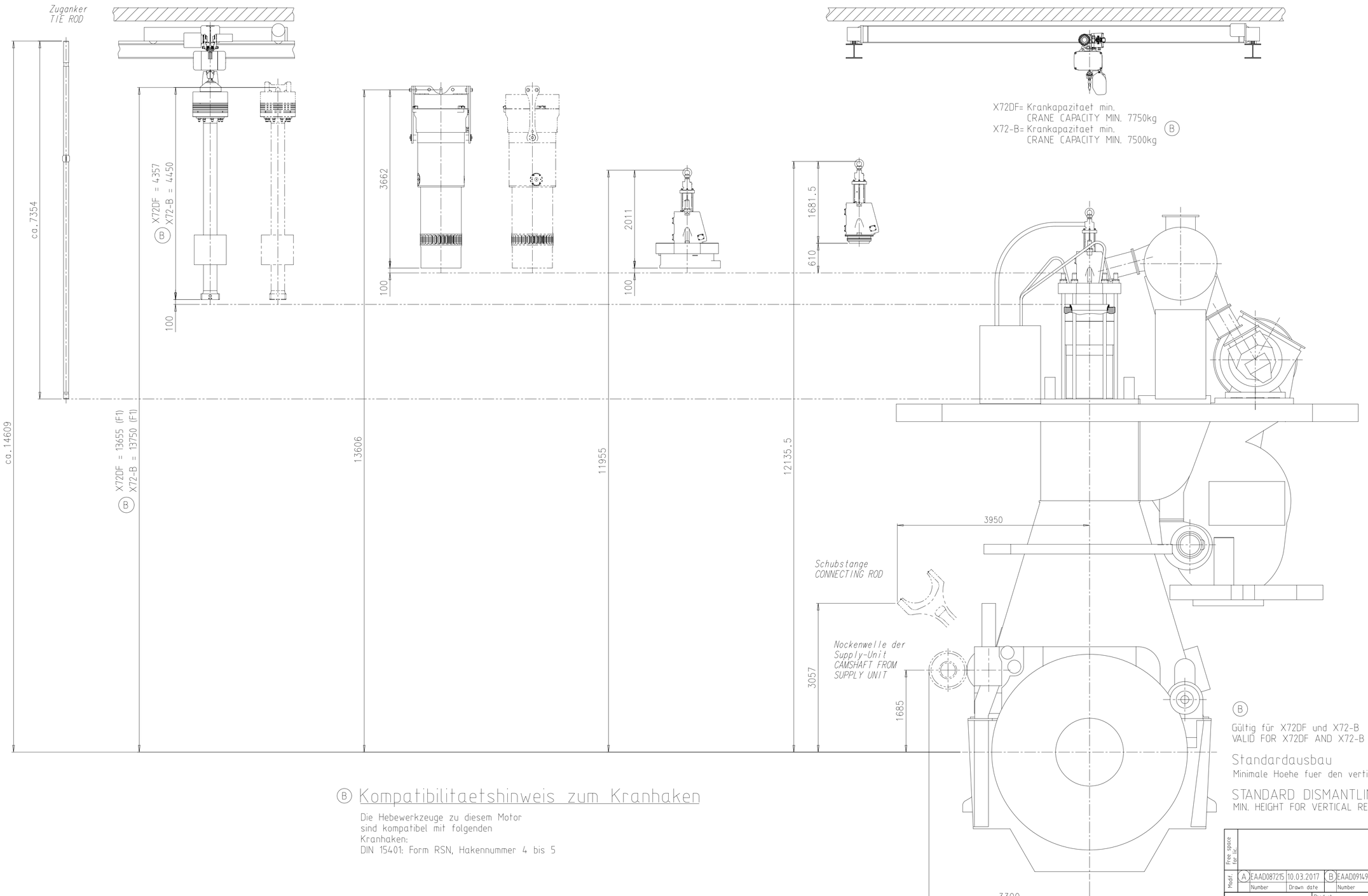
Gewicht ohne Hebewerkzeug:
WEIGHT WITHOUT LIFTING TOOL:

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

Free space for lic.

Q-Code XXXXX
Standard ISO; JIS
Main Drw.

Modif		Number	Drawn date		Number	Drawn date		Number	Drawn date		Number	Drawn date
	A	EAAD087215	10.03.2017	B	EAAD091495	15.04.2020						

WIN GD
Winterthur Gas & Diesel

Product
X72-B
X72DF

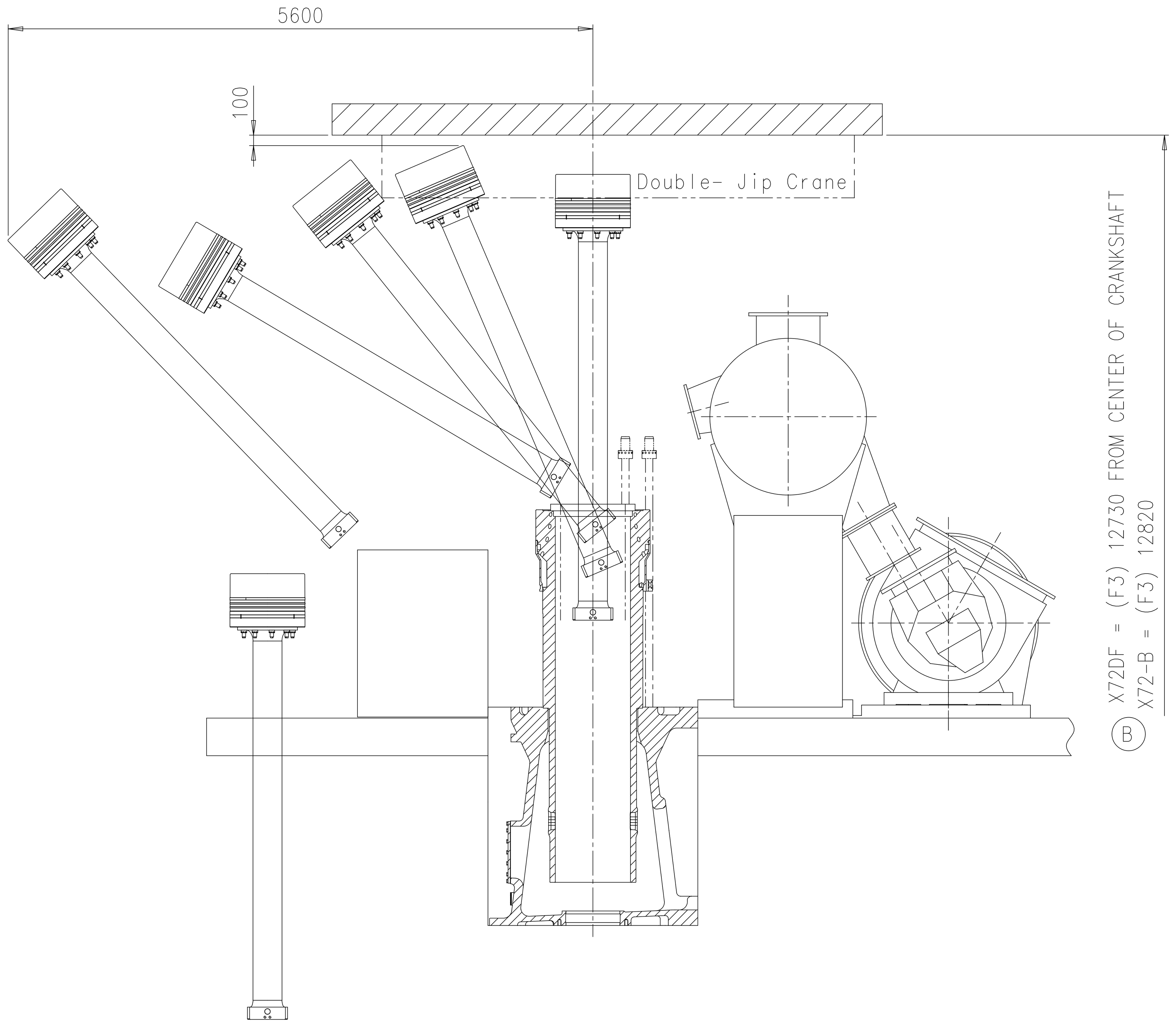
DISMANTLING DIMENSIONS

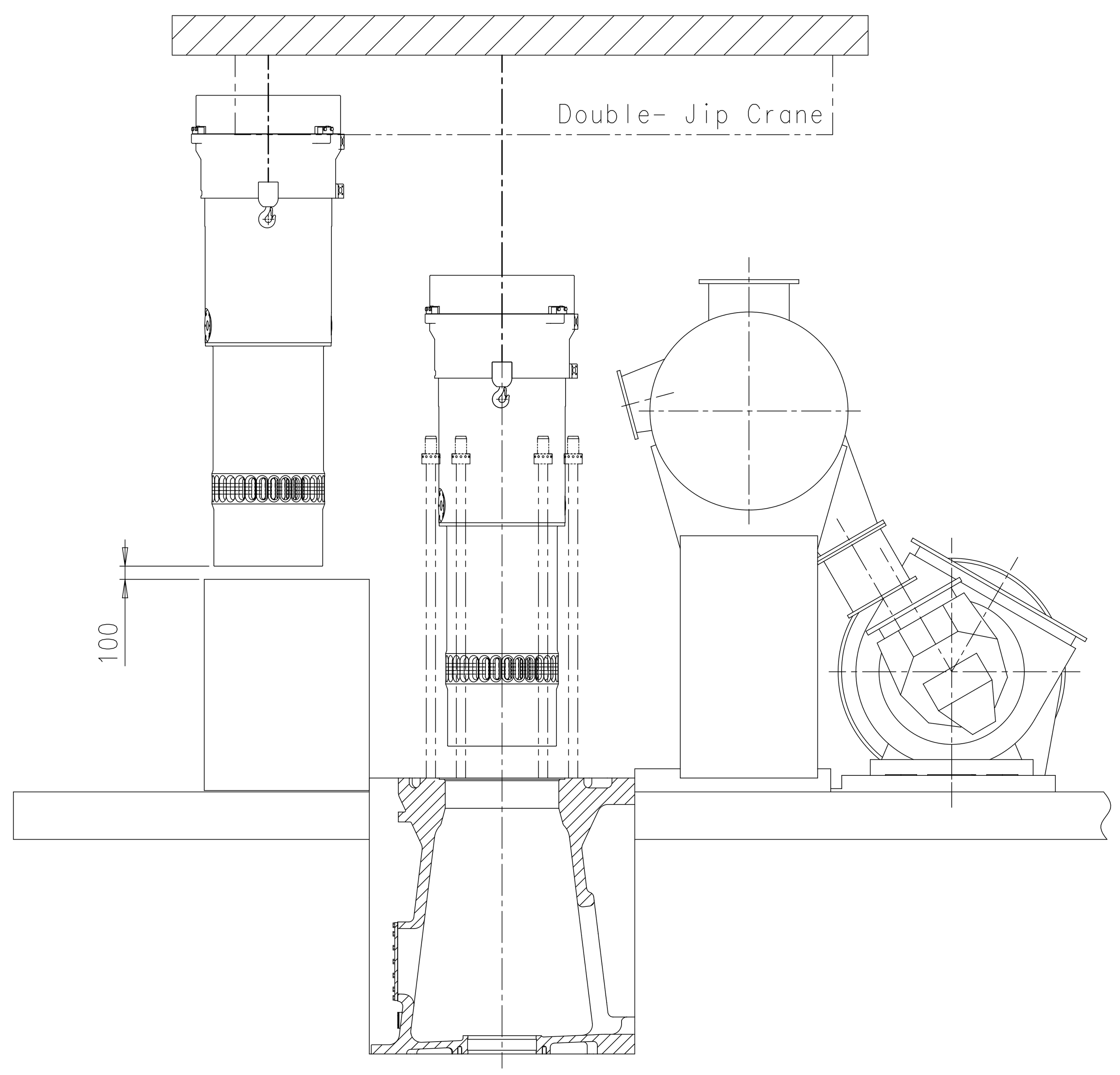
Ausbaumasse

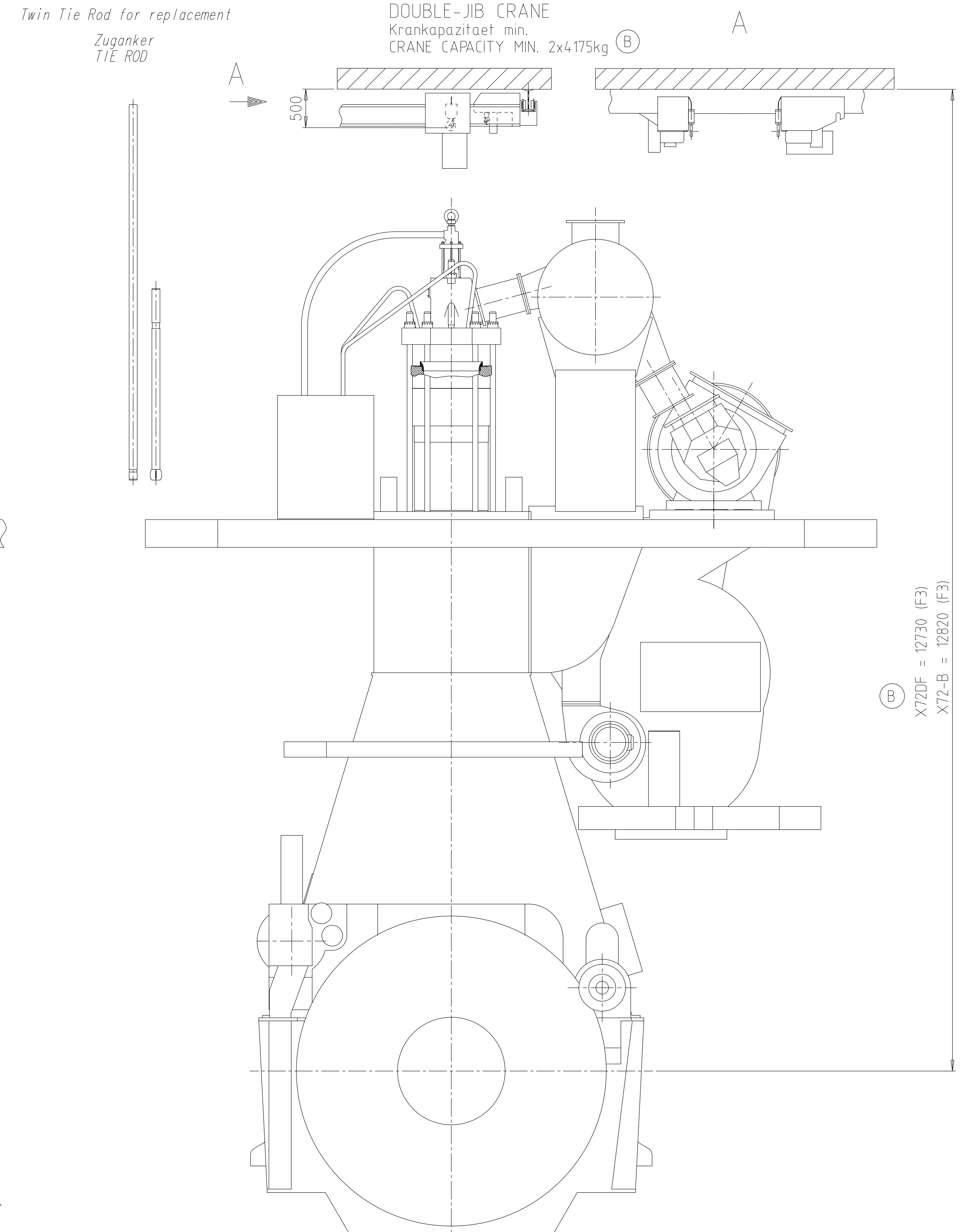
Units	mm kg	NX	Basic Material	Net Weight 0,001

SURFACE PROTECTION SEE GROUP 0344	Made	12.12.2016	a.ja101 A.Jones	Scale 1:40	Size A1	Page 1/2	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				

Approved







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) 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

(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

Approved

Modif.	Number	Drawn date
A	EAAD087215	10.03.2017
B	EAAD091495	15.04.2020

Free space for lic.

Q-Code: XXXXX
Standard: ISO; JIS
Main Drw.

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
TOLERANCING PRINCIPLE ISO8015
GENERAL TOLERANCES ACCORDING TO ISO2768-mK

Made: 12.12.2016 ajo101 A.Jones
Chkd: 03.11.2015 ast044 Stephan
Appd: 03.11.2015 bha009 Haag

Scale 1:40 | Size A1 | Page 2/2 | Material ID PAAD187129
Design Group 0812 | Drawing ID DAAD064846 | Rev. B

DID - DIMENSIONAL DRAWING - Confidential

WinGD-6X72-B_Engine Outline Views

TRACK CHANGES

DATE	SUBJECT	DESCRIPTION
2018-09-21	DRAWING SET	First web upload
2019-05-15	DAAD098110 DAAD114478	Revised Engine Outline View for Turbocharger type 1xA175-L/ A275-L has been updated and Engine Outline View for Turbocharger type 1xMET66MB has been added.
2019-05-29	DAAD116207	New Engine Outline View for Turbocharger type 1xA175-L/ A275-L has been added.
2020-07-20	DAAD064846	Revised Dismantling Dimensions drawing has been updated.
2023-01-02	PAAD288814	Revised Engine Outline View for Turbocharger type 1xA175-L/ A275-L has been added.
2024-01-09	PTAA081347	New Engine Outline View for Turbocharger type 2xMET42MB has been added.