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

Prod.				
	7 X72DF			

Change History

Rev.	Creator	Approver	Approval Date	Change ID	Change Synopsis		Activity Code	E	C
-	wta101	sth017	07.12.2021	CNAA001156	Main Design/Drawing Introduced	Approved		-	-

WIN GD
Winterthur Gas & Diesel

ENGINE OUTLINE VIEW

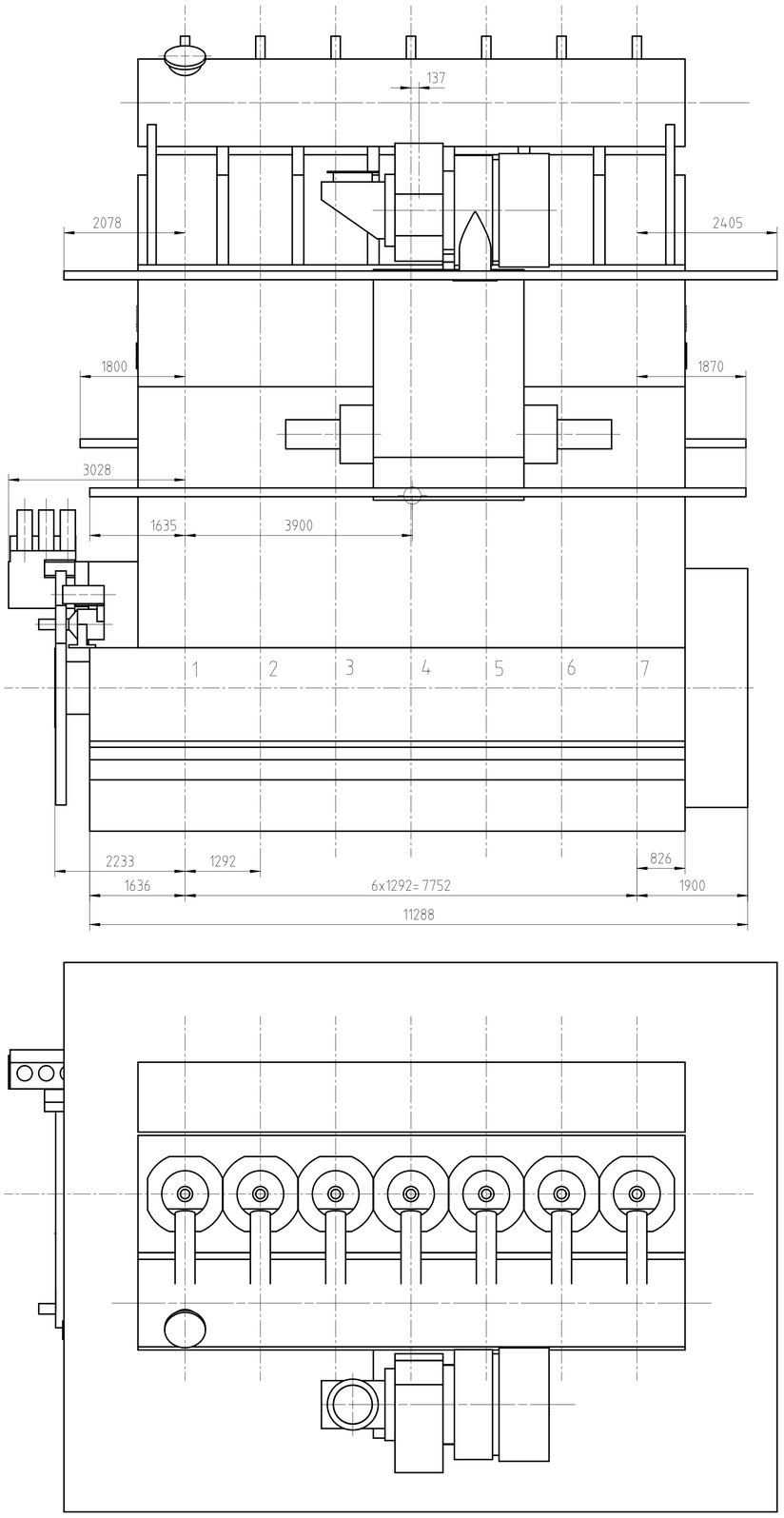
Bill Of Material

Dimension

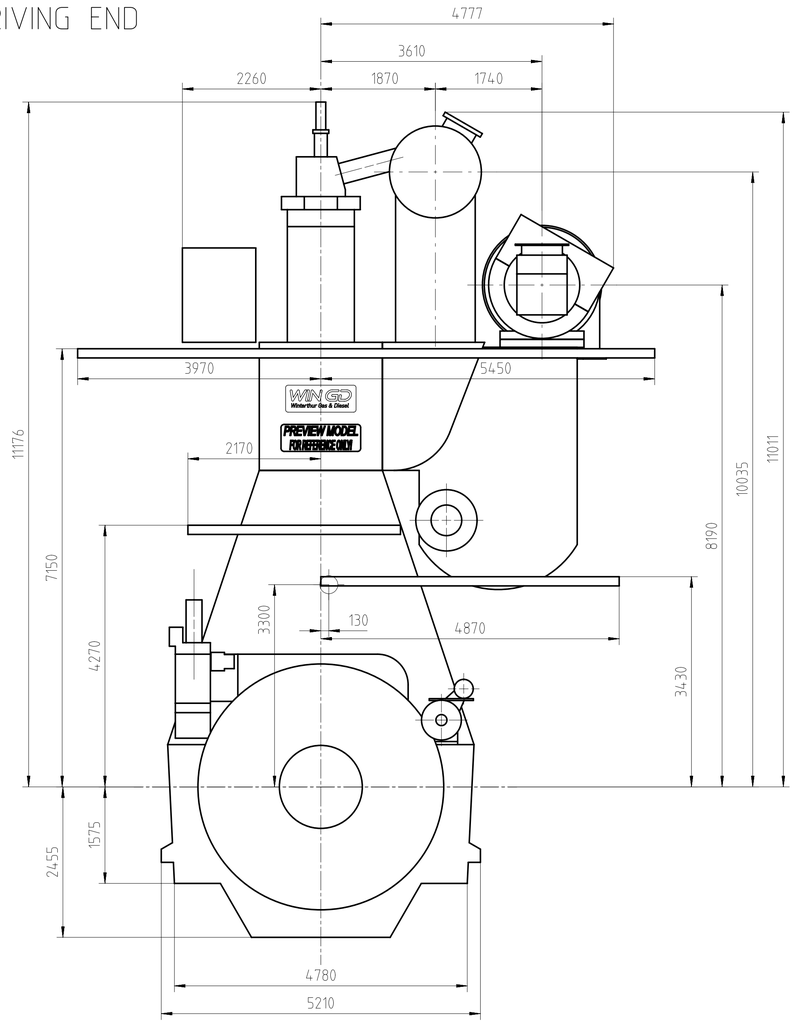
Units	[m] [kg]	Basic Material				Net Weight	0.001
Main Design	Yes	Design Group	0812	Q-Code	XXXXX	Standard	WDS
Qty per	Engine	A4	Item ID	PTAA019915		BOM Page/s	01/01

Download "DXF file"

EXHAUST SIDE



DRIVING END



WEIGHT WITHOUT WATER AND OIL = 642t

APPROX. CENTRE OF GRAVITY

TURBOCHARGER 1xA280L

Prod.	7X72DF						
Change History							
–	wta101	sth017	07.12.2021	CNAA001156	Main Design/Drawing Introduced	-	-
Rev.	Creator	Approver	Approval Date	Change ID	Change Synopsis	Activity Code	E C

WIN GD Winterthur Gas & Diesel

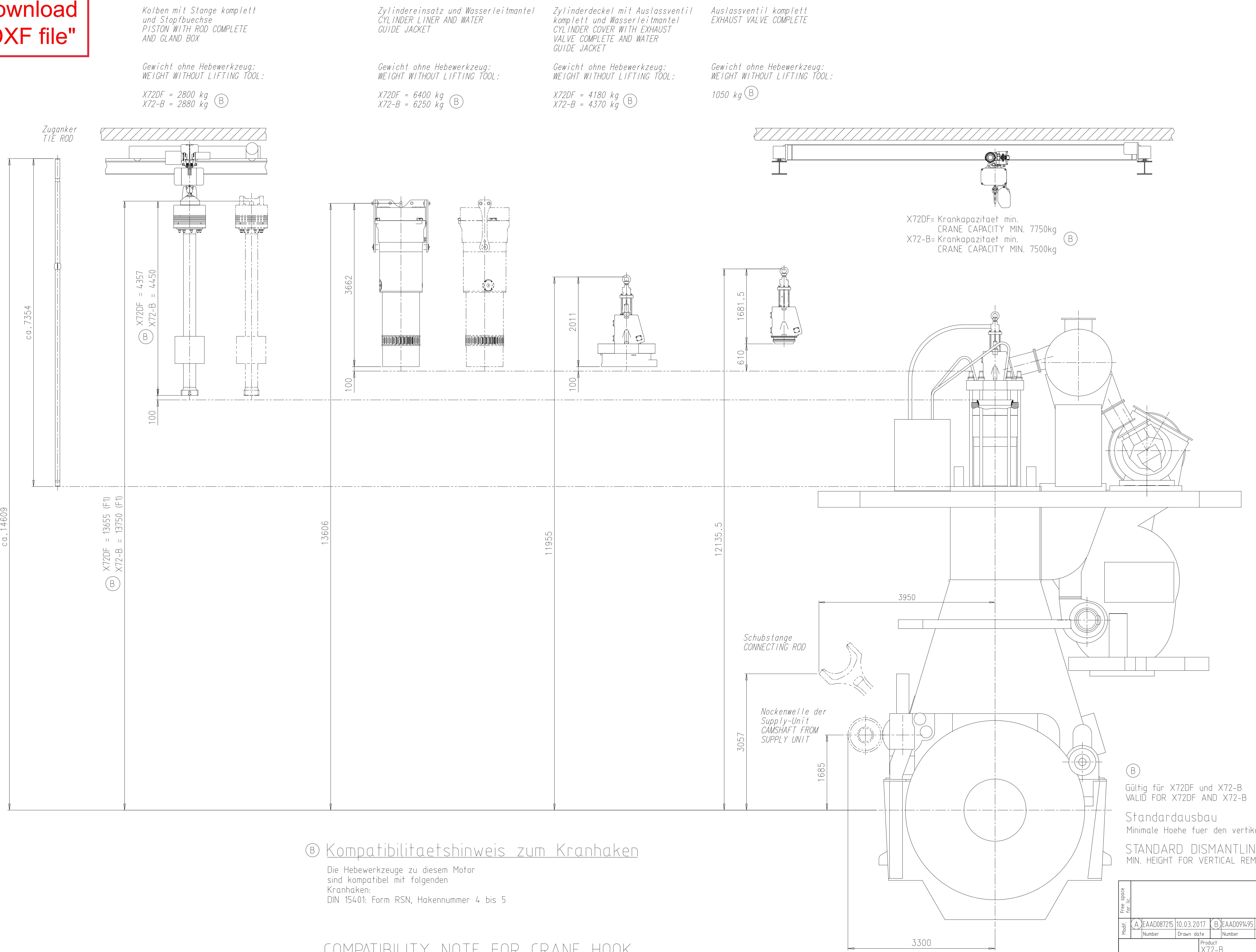
ENGINE OUTLINE VIEW

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	PTAA019915	Drawing Page/s	1/1

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



(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

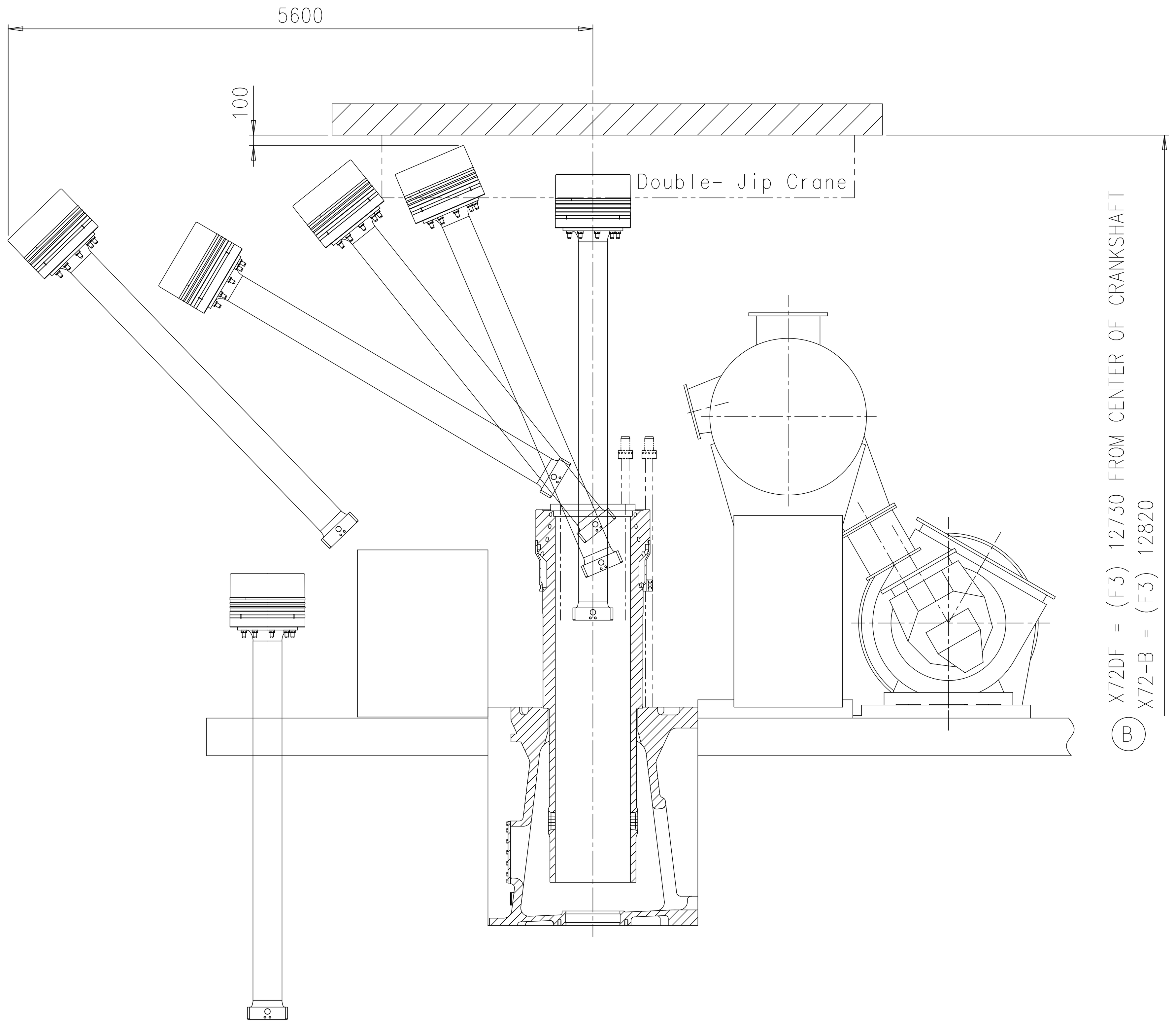
COMPATIBILITY NOTE FOR CRANE HOOK

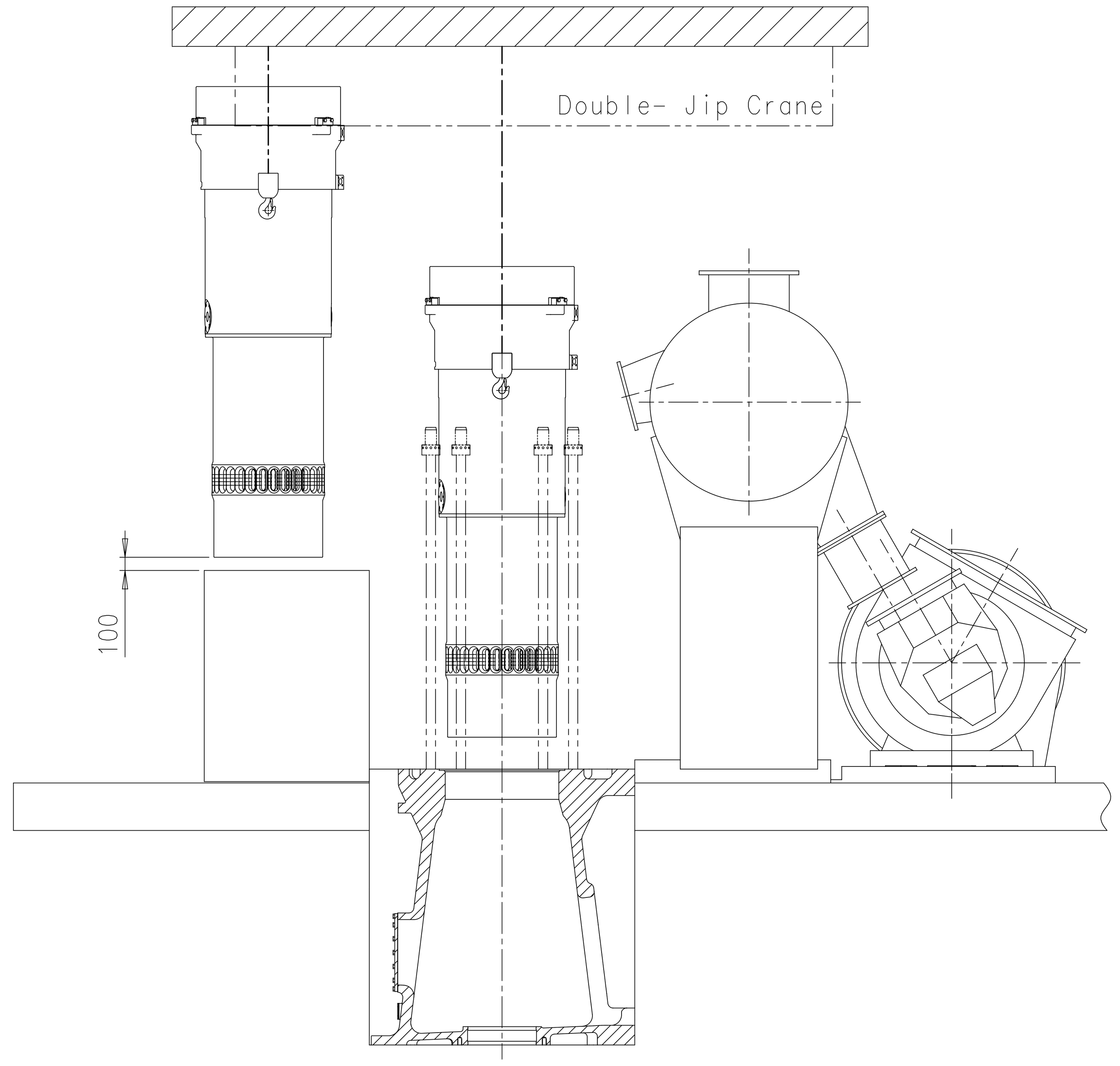
THE LIFTING TOOLS FOR THIS ENGINE
ARE COMPATIBLE WITH FOLLOWING
CRANE HOOK:
DIN 15401: SHAPE RSN, HOOK NUMBER 4 TO 5

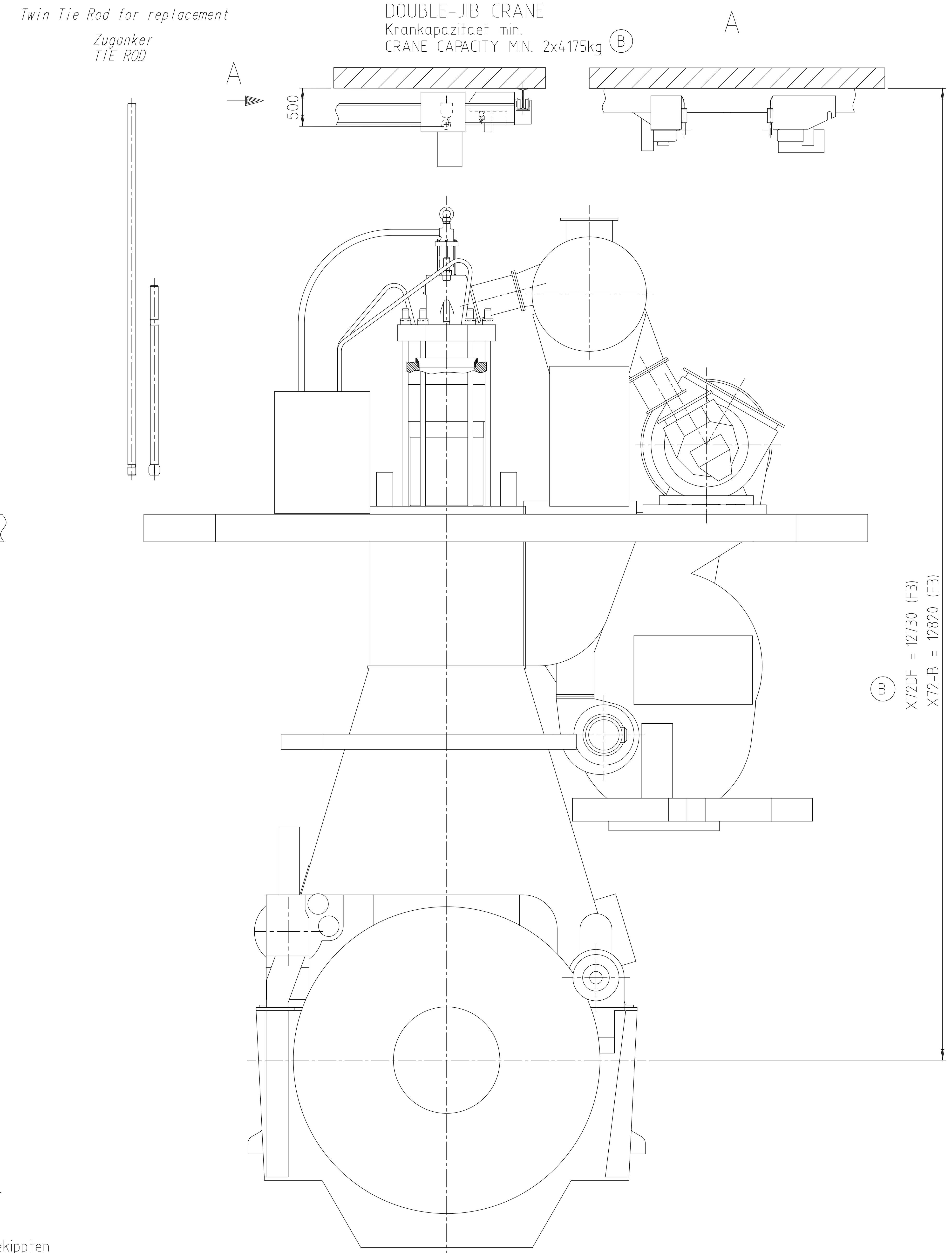
Free space for lic.						Q-Code XXXXX; Standard ISO; JIS	Main Drw.
Modif.	(A) EAAD087215 Number	10.03.2017 Drawn date	(B) EAAD091495 Number	15.04.2020 Drawn date	Number / Drawn date	Number / Drawn date	
WIN GD Winterthur Gas & Diesel	Product X72-B X72DF	DISMANTLING DIMENSIONS Ausbaumasse					
Units mm kg	NX		Basic Material			Net Weight 0,001	
Made 12.12.2016 ajo101 A.Jones		Scale 1:40	Size A1	Page 1/2	Material ID PAAD187129		
Chkd 03.11.2015 ast044 Stephan		Design Group 0812	Drawing ID DAAD064846			Rev. B	
Appd 03.11.2015 bha009 Haag							

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

DID - DIMENSIONAL DRAWING - Confidential
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

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
Made	12.12.2016	ajo101 A.Jones
Chkd	03.11.2015	ast044 Stephan
Appd	03.11.2015	bha009 Haag
Scale	1:40	
Design Group	0812	
Size	A1	
Page	2/2	
Material ID	PAAD187129	
Drawing ID	DAAD064846	
Rev.	B	

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

Approved
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WinGD-7X72DF_Engine-Outline-View

TRACK CHANGES

DATE	SUBJECT	DESCRIPTION
2021-12-24	DRAWING SET	First web upload