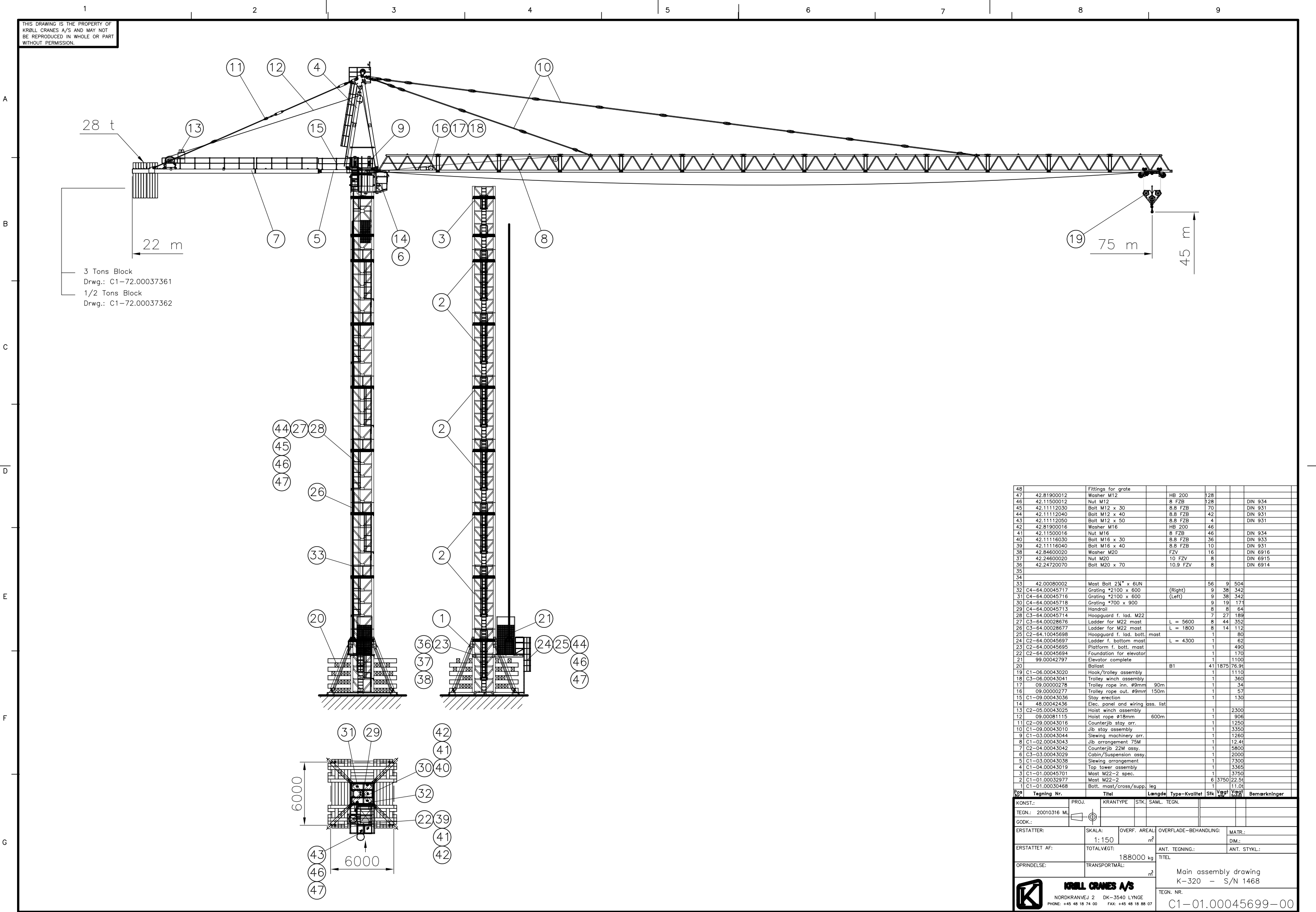


Designation	Identification	No. of pages
Main assembly drawing K320 – S/N 1468	C1-01.00045699-00	1
Trolley rope console assembly	C3-02.00043280-00	1
Trolley rope pulley assembly	C3-31.00043275-00	1
Pulley in inner section	C3-31.00041059-00	1
Overload device assembly	C3-03.00043095-00	1
Pulley for ø18 wire	C3-31.00041516-00	1
Cabin / Suspension assembly	C3-03.00043029-00	1
Slewing – Arrangement for slewing machinery	C1-03.00043044-00	1
Slewing unit 5.1 kW DC without tacho	C2-03.00043045-00	1
Coupling housing complete incl. Slip clutch & K-brake	C3-03.00037496-05	1
Jib assembly, 75 m	C1-02.00043043-00	1
K320 Counterjib assembly 22m	C2-04.00043042-00	1
Slewing and masthead assembly	C2-03.00043038-00	1
Top Tower Assembly drawing	C1-04.00043019-00	1
Pulley for ø18 wire	C3-31.00041516-00	1
Hoist winch assembly	C2-05.00043025-00	3
K320 Trolley winch assembly	C3-06.00043041-00	1
K320 hook / trolley assembly	C1-06.00043020-00	1
Trolley	C2-06.00043021-00	1
Hook block assembly	C1-06.00043022-00	1
Intermediate block assembly	C2-06.00043023-00	1
Stay assembly 63 – 69 – 75 m jib	C1-09.00043010-00	1
Rear stays assembly 22m counterjib	C2-09.00043016-00	1
Stay erection, All jibs and 22 m counterjib	C1-09.00043036-01	1

NOTE:

The crane have been equippet with new motors.
Refer to the Technical data sheet for correct motors and part numbers.



48		Fittings for grate							
47	42.81900012	Washer M12	HB 200	128					
46	42.11500012	Nut M12	8 FZB	128				DIN 934	
45	42.11112030	Bolt M12 x 30	8.8 FZB	70				DIN 931	
44	42.11112040	Bolt M12 x 40	8.8 FZB	42				DIN 931	
43	42.11112050	Bolt M12 x 50	8.8 FZB	4				DIN 931	
42	42.81900016	Washer M16	HB 200	46					
41	42.11500016	Nut M16	8 FZB	46				DIN 934	
40	42.11116030	Bolt M16 x 30	8.8 FZB	36				DIN 933	
39	42.11116040	Bolt M16 x 40	8.8 FZB	10				DIN 931	
38	42.84600020	Washer M20	FZV	16				DIN 6916	
37	42.24600020	Nut M20	10 FZV	8				DIN 6915	
36	42.24720070	Bolt M20 x 70	10.9 FZV	8				DIN 6914	
35									
34									
33	42.00080002	Mast Bolt 2 1/4" x 6UN		56	9	504			
32	C4-64.00045717	Grating *2100 x 600	(Right)	9	38	342			
31	C4-64.00045716	Grating *2100 x 600	(Left)	9	38	342			
30	C4-64.00045718	Grating *700 x 900		9	19	171			
29	C4-64.00045713	Handrail		8	8	64			
28	C3-64.00045714	Hoopguard f. lad. M22		7	27	189			
27	C3-64.00028676	Ladder for M22 mast	L = 5600	8	44	352			
26	C3-64.00028677	Ladder for M22 mast	L = 1800	8	14	112			
25	C2-64.10045698	Hoopguard f. lad. bott. mast		1		80			
24	C2-64.00045697	Ladder f. bottom mast	L = 4300	1		62			
23	C2-64.00045695	Platform f. bott. mast		1		490			
22	C2-64.00045694	Foundation for elevator		1		170			
21	99.00042797	Elevator complete		1		1100			
20		Ballast	B1	41	1875	76.9t			
19	C1-06.00043020	Hook/trolley assembly		1		1110			
18	C3-06.00043041	Trolley winch assembly		1		360			
17	09.00000278	Trolley rope inn. #9mm	90m	1		34			
16	09.00000277	Trolley rope out. #9mm	150m	1		57			
15	C1-09.00043036	Stay erection		1		130			
14	48.00042436	Elec. panel and wiring ass. list		1					
13	C2-05.00043025	Hoist winch assembly		1		2300			
12	09.00081115	Hoist rope #18mm	600m	1		906			
11	C2-09.00043016	Counterjib stay arr.		1		1250			
10	C1-09.00043010	Jib stay assembly		1		3350			
9	C1-03.00043044	Slewing machinery arr.		1		1260			
8	C1-02.00043043	Jib arrangement 75M		1		12.4t			
7	C2-04.00043042	Counterjib 22M assy.		1		5800			
6	C3-03.00043029	Cabin/Suspension assy.		1		2000			
5	C1-03.00043038	Slewing arrangement		1		7300			
4	C1-04.00043019	Top tower assembly		1		3365			
3	C1-01.00045701	Mast M22-2 spec.		1		3750			
2	C1-01.00032977	Mast M22-2		6	3750	22.5t			
1	C1-01.00030468	Bott. mast/cross/supp. leg		1		11.0t			
Pos. No.	Tegning Nr.	Titel	Langde	Type-Kvalitet	Stk	Vægt stk	Vægt total	Bemærkninger	
KONST.:	PROJ.	KRANTYPE	STK.	SAML. TEGN.					
TEGN.:	20010316 ML								
GODK.:									
ERSTATTER:	SKALA:	OVERF. AREAL	OVERFLADE-BEHANDLING:	MATR.:					
	1:150	m²		DIM.:					
ERSTATTET AF:	TOTAL VÆGT:	188000 kg	ANT. TEGNING.:	ANT. STYKL.:					
OPRINDELSE:	TRANSPORTMÅL:		TITEL						
			Main assembly drawing						
			K-320 - S/N 1468						
			TEGN. NR.						
			C1-01.00045699-00						

1 2 3 4 5 6 7 8 9

A

B

C

D

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G

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6 8

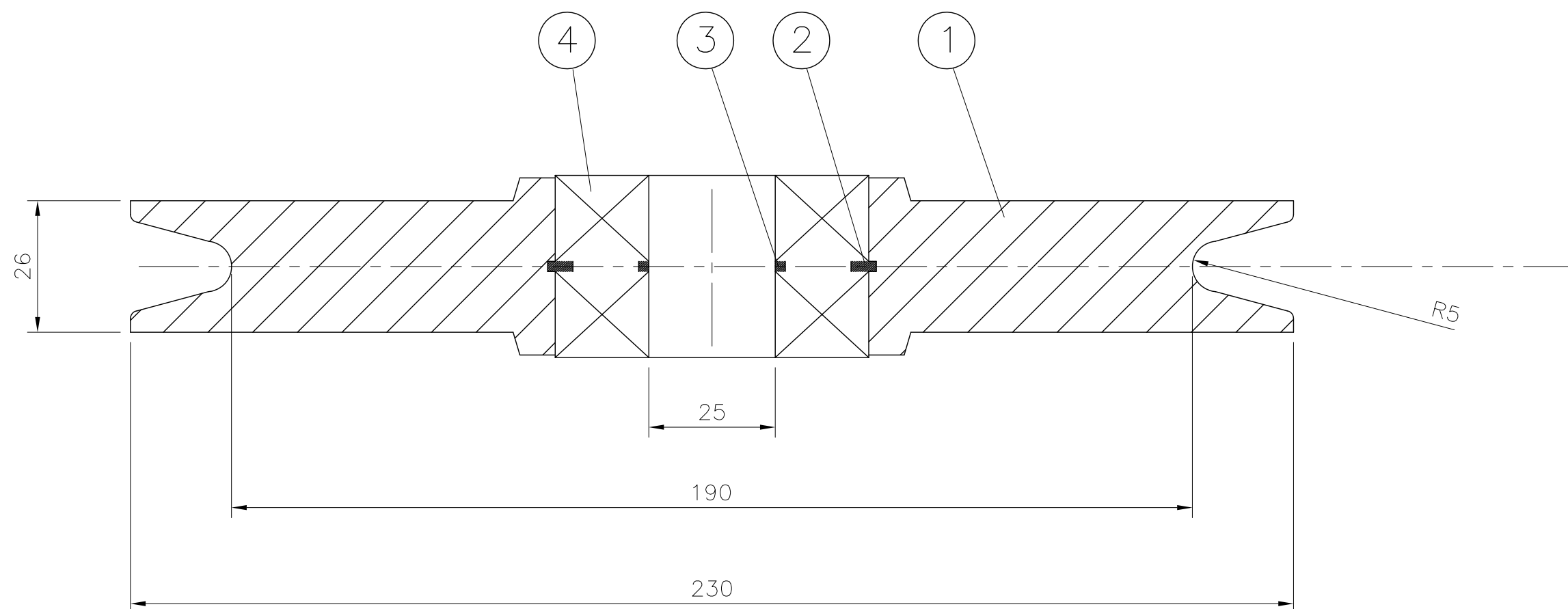
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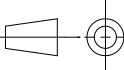
3 4 7 9

Pos Nr.	Tegning Nr.	Titel	L?ngde	Type-Kvalitet	Stk	V?gt stk	V?gt total	Bem?rkninger
9	42.81900012	Washer M12			2			
8	42.81900020	Washer M20			1			
7	42.11500012	Nut M12			2			
6	42.11500020	Nut M20			1			
5	C4-44.00040811	U-bolt M12	210		1			
4	C4-43.00043279	Bushing	20		2			
3	4-42.00011288	Fitting bolt	125		1			
2	C3-31.00043275	Trolley rope pulley			1		4	
1	C3-58.00043278	Console for pulley			1		4	

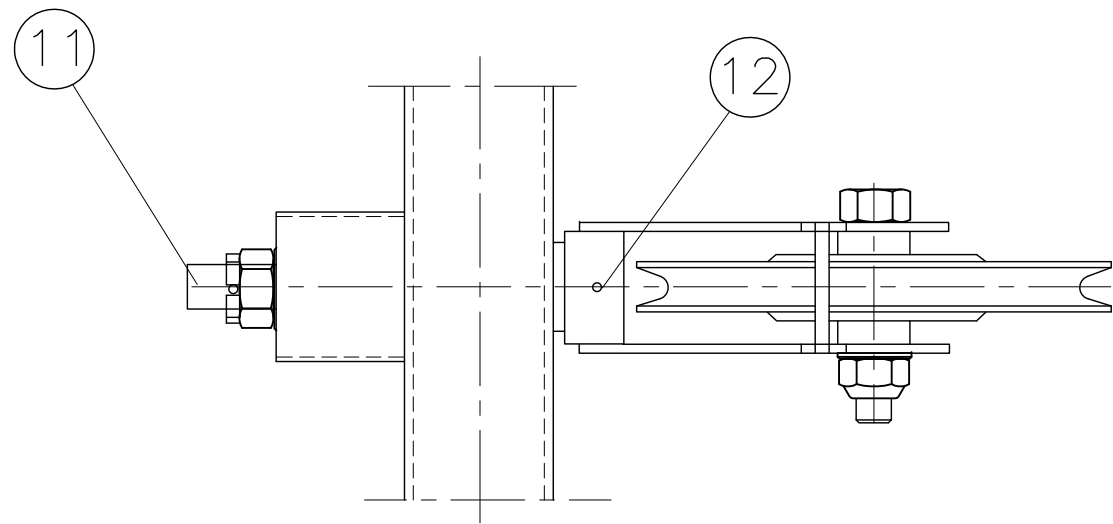
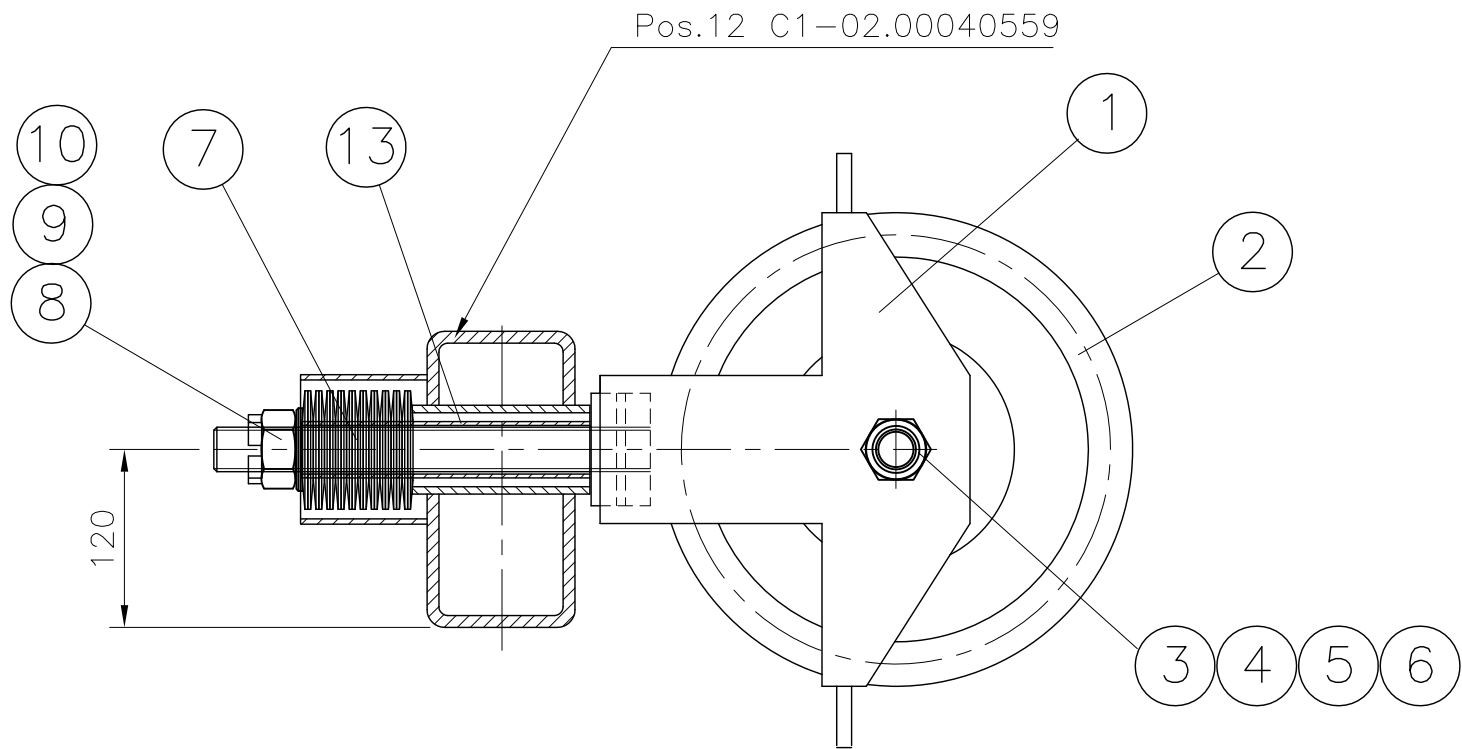
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TEGN.: 971013 MKS								
GODK.:								
ERSTATTER:	SKALA:	OVERF.	AREAL:	OVERFLADE-BEHANDLING:		MATR.:		
	1: 2		m ²			DIM.:		
ERSTATTET AF:	TOTALV?GT:		ANT. TEGNING.:		ANT. STYKL.:			
	8 kg		TITEL					
OPRINDELSE:	TRANSPORTM?L:		Trolley Rope Console assembly					
	m ³							
				KR?LL CRANES A/S				
				NORDKRANVEJ 2 DK-3540 LYNGE				
				PHONE: +45 48 18 74 00 FAX: +45 48 18 88 07				
				TEGN. NR.				
				C3-02.00043280-00				

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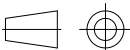


4	36.10006305	Bearing 6305 2RS		2				
3	47.00099172	Disc 25x35	2			1		
2	53.00100062	Locking ring I 62				1		
1	C3-31.00043274	Trolley rope pulley				1		3
Pos. Nr.	Tegning Nr.	Titel	L?ngde	Type-Kvalitet	Stk	V?gt stk	V?gt total	Bem?rkninger
KONST.:	PROJ.	KRANTYPE	STK.	SAML. TEGN.				
TEGN.: 971010 MKS								
GODK.:								
ERSTATTER:	SKALA: 1 : 1	OVERF. AREAL: m ²	OVERFLADE-BEHANDLING:		MATR.:			
ERSTATTET AF:	TOTALV?GT: 4 kg	ANT. TEGNING.:		ANT. STYKL.:				
OPRIDELSE:	TRANSPORTM?L: m ³	TITEL Trolley rope pulley assembly						
 KR?LL CRANES A/S NORDKRANVEJ 2 DK-3540 LYNGE PHONE: +45 48 18 74 00 FAX: +45 48 18 88 07		TEGN. NR. C3-31.00043275-00						

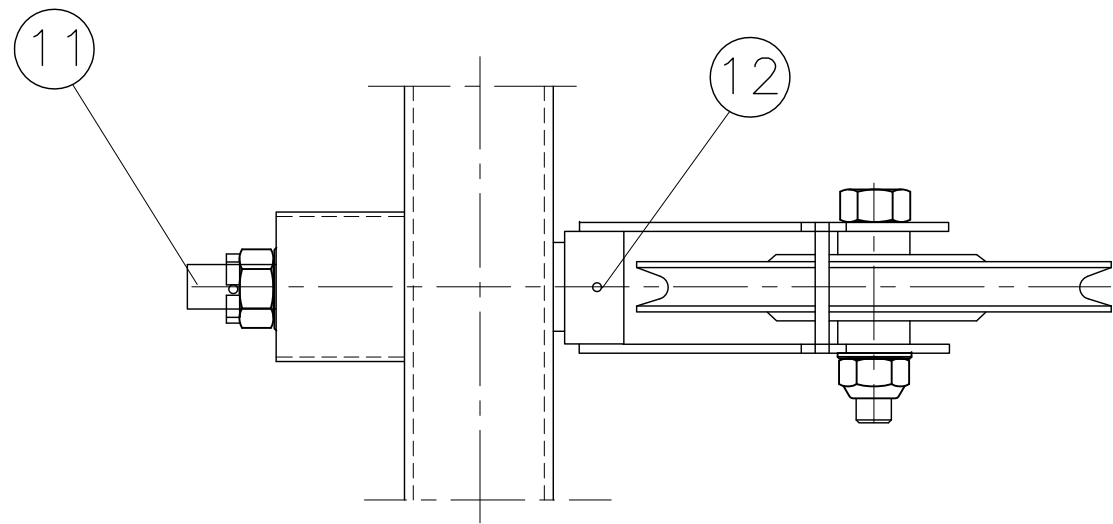
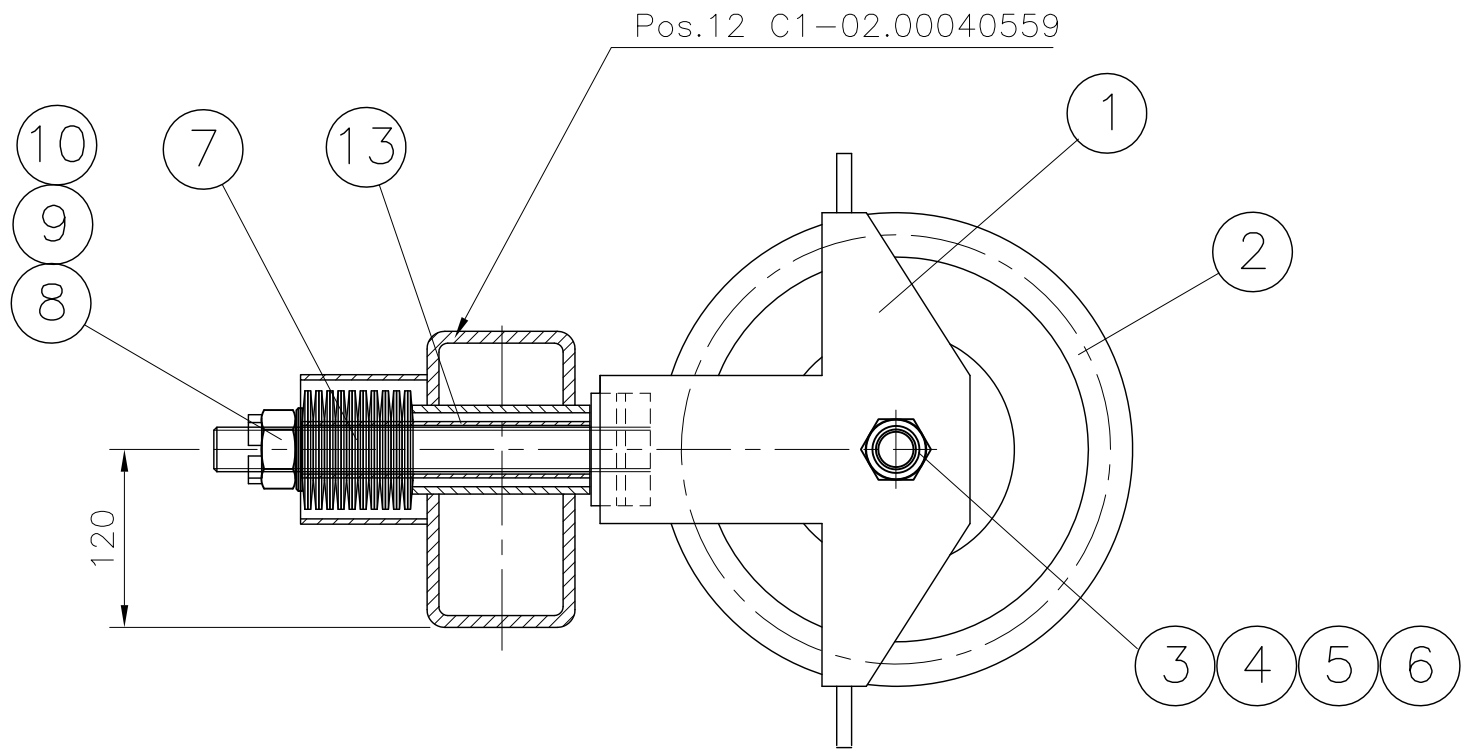
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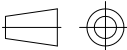
13	C4-43.00041062	Pipe	220	St37	1		0.3		
12	42.89506080	Pin ?6	80	DIN1481	1				
11	42.14100030	Threaded pin M30	300		1				
10	38.89406060	Cotter ?6	60	DIN94	1				
9	42.81900030	Washer M30		HB200	1				
8	42.17200030	Castle nut M30		DIN935	1				
7	38.30002080	Disc spring ?80/41x2.25			20				
6	42.81900027	Washer M27		HB200	1				
5	42.17900027	Lock nut M27		DIN176	1				
4	C4-43.00016152	Bushing	19	St37	2		0.2		
3	C4-42.00015115	Fitted bolt M27	146	Rst37-2	1		1.6		
2	C3-31.00003227	Pulley ?278			1		10		
1	C3-31.00041058	Console for pulley			1		5.7		
Pos Nr.	Tegning Nr.	Titel		L?ngde	Type-Kvalitet	Stk	V?gt stk	V?gt total	Bem?rkninger

KONST.:		KRANTYPE	STK.	SAML. TEGN.			
TEGN. : 940210 BP		K220	1	C1-02.40808			
GODK. :		K320	1	C1-02.43002			
ERSTATTER:	SKALA: 1: 5		OVERF. AREAL: m ²		OVERFLADE-BEHANDLING:		MATR.:
ERSTATTET AF:	TOTALVÆGT: 21 kg			ANT. TEGNING.:		DIM.:	
OPRINDELSE:	TRANSPORTMÅL: m ³			TITEL Pulley in inner section			
 KRØLL CRANES A/S NORDKRANVEJ 2 · 3540 LYNØ · DENMARK PHONE: +45 48 187400 · FAX: +45 48 188807 www.krøllcranes.com				TEGN. NR. C3-31.00041059-00			

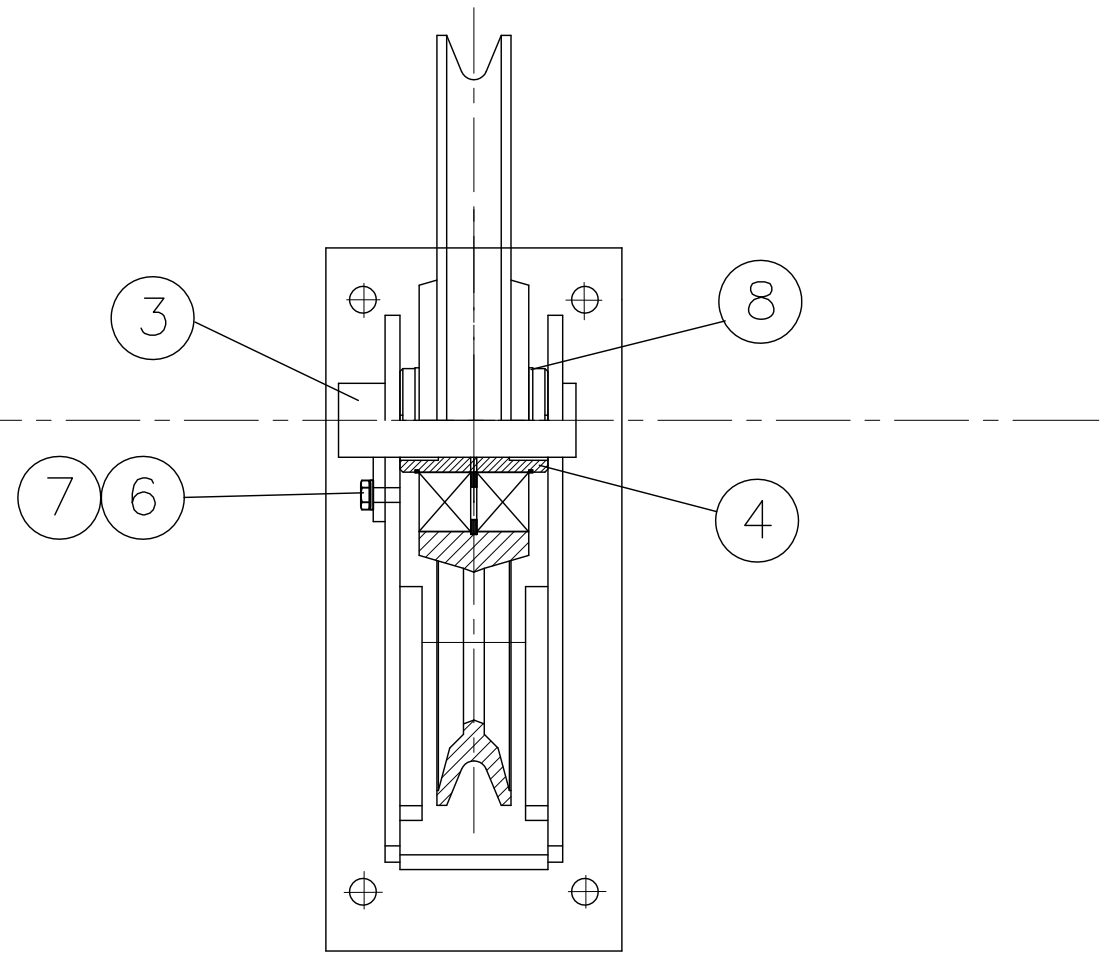
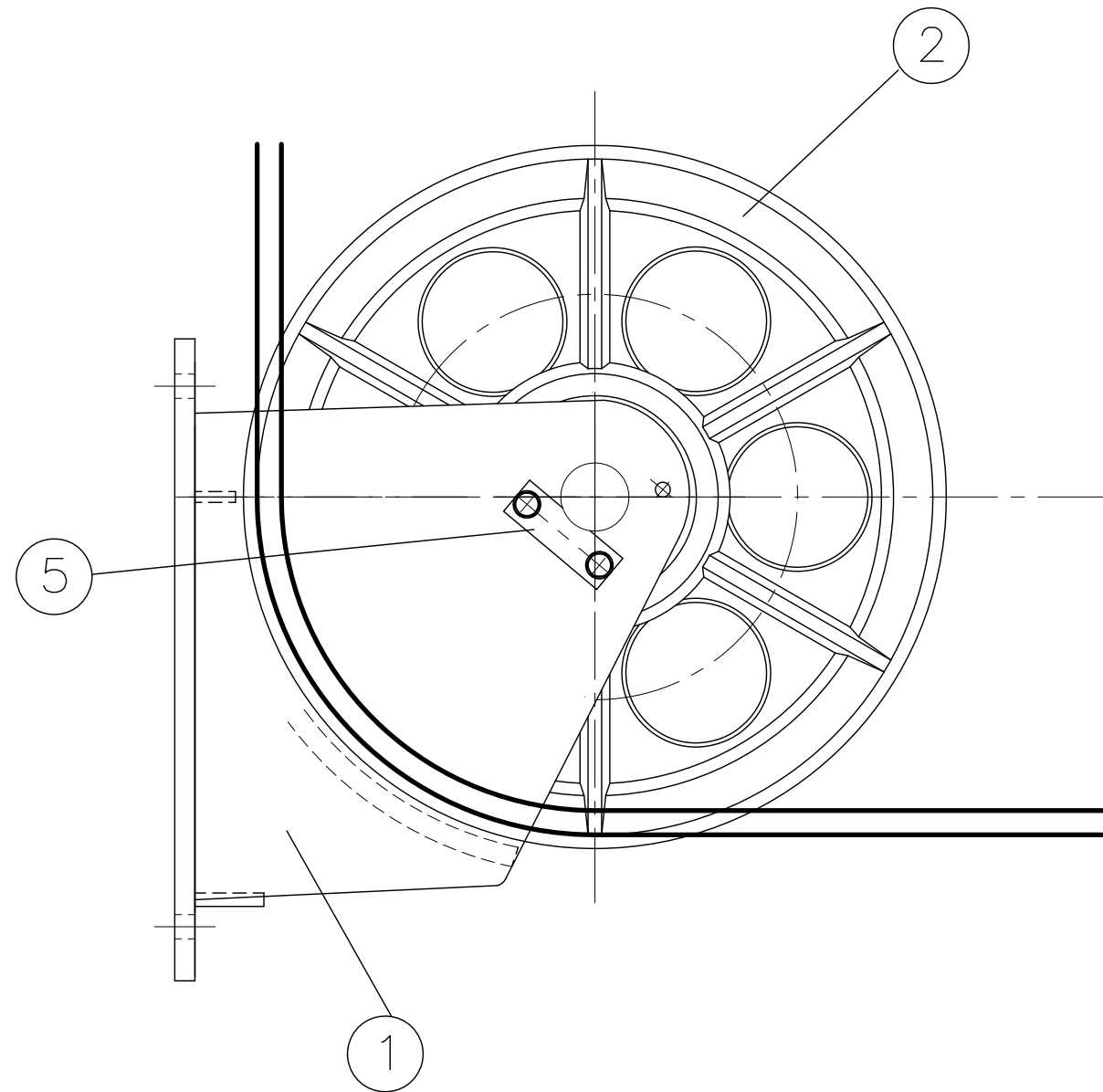
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13	C4-43.00041062	Pipe	220	St37	1		0.3		
12	42.89506080	Pin ?6	80	DIN1481	1				
11	42.14100030	Threaded pin M30	300		1				
10	38.89406060	Cotter ?6	60	DIN94	1				
9	42.81900030	Washer M30		HB200	1				
8	42.17200030	Castle nut M30		DIN935	1				
7	38.30002080	Disc spring ?80/41x2.25			20				
6	42.81900027	Washer M27		HB200	1				
5	42.17900027	Lock nut M27		DIN176	1				
4	C4-43.00016152	Bushing	19	St37	2		0.2		
3	C4-42.00015115	Fitted bolt M27	146	Rst37-2	1		1.6		
2	C3-31.00003227	Pulley ?278			1		10		
1	C3-31.00041058	Console for pulley			1		5.7		
Pos Nr.	Tegning Nr.	Titel		L?ngde	Type-Kvalitet	Stk	V?gt stk	V?gt total	Bem?rkninger

KONST.:	PROJ.	KRANTYPE	STK.	SAML. TEGN.			
TEGN. : 940210 BP		K220	1	C1-02.40808			
GODK. :		K320	1	C1-02.43002			
ERSTATTER:	SKALA:	OVERF. AREAL:	OVERFLADE-BEHANDLING:		MATR.:		
	1: 5	m ²			DIM.:		
ERSTATTET AF:	TOTALVÆGT:		ANT. TEGNING.:		ANT. STYKL.:		
	21 kg		TITEL				
OPRINDELSE:	TRANSPORTMÅL:		Pulley in inner section				
	m ³						
				TEGN. NR.			
KRØLL CRANES A/S				C3-31.00041059-00			
NORDKRANVEJ 2 · 3540 LYNGE · DENMARK							
PHONE: +45 48 187400 · FAX: +45 48 188807							
www.krollcranes.com							

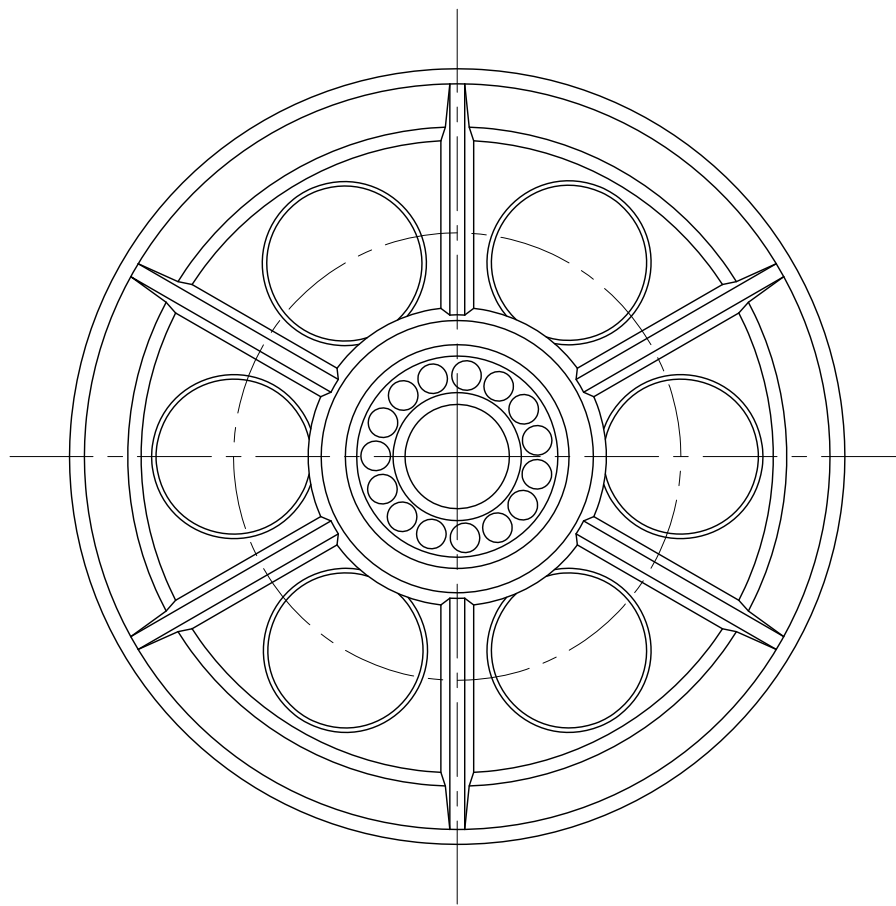
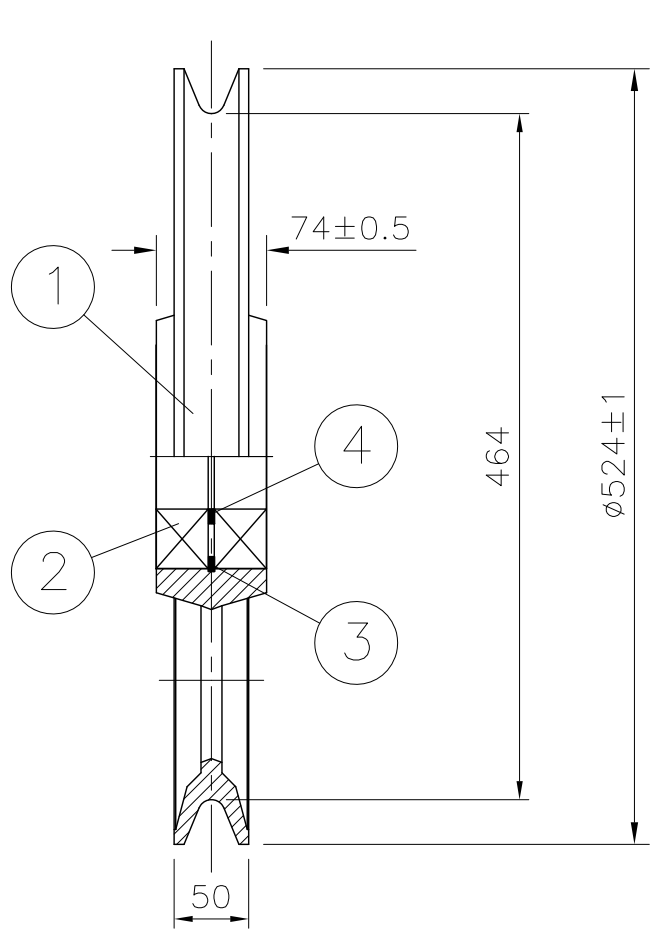
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8	53.00200070	Circlip ring U70			2				
7	42.81900010	Washer M10			2				
6	42.11110020	Bolt M10	20		2				
5	C4-40.00037077	Lock plate	90		1		0.1		
4	C3-43.00043096	Bushing Ø70/Ø50			1		1		
3	13.15280317	Loadcell 10T			1		2		
2	C3-31.00041516	Pulley			1		30		
1	C2-58.00043094	Bracket for return pulley			1		28		
Pos Nr.	Tegning Nr.	Titel	Længde	Type-Kvalitet	Stk	Vægt stk	Vægt total	Bemærkninger	

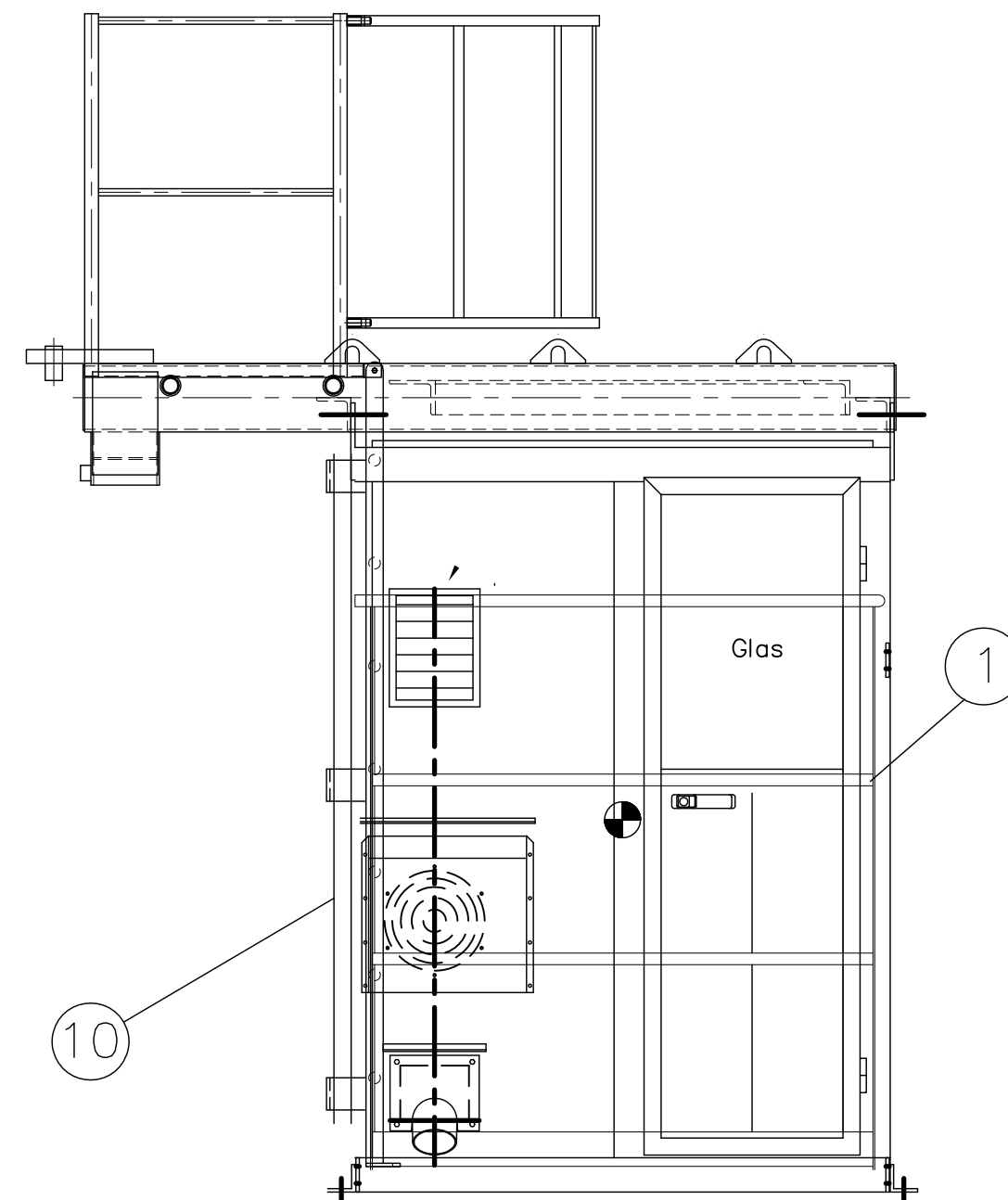
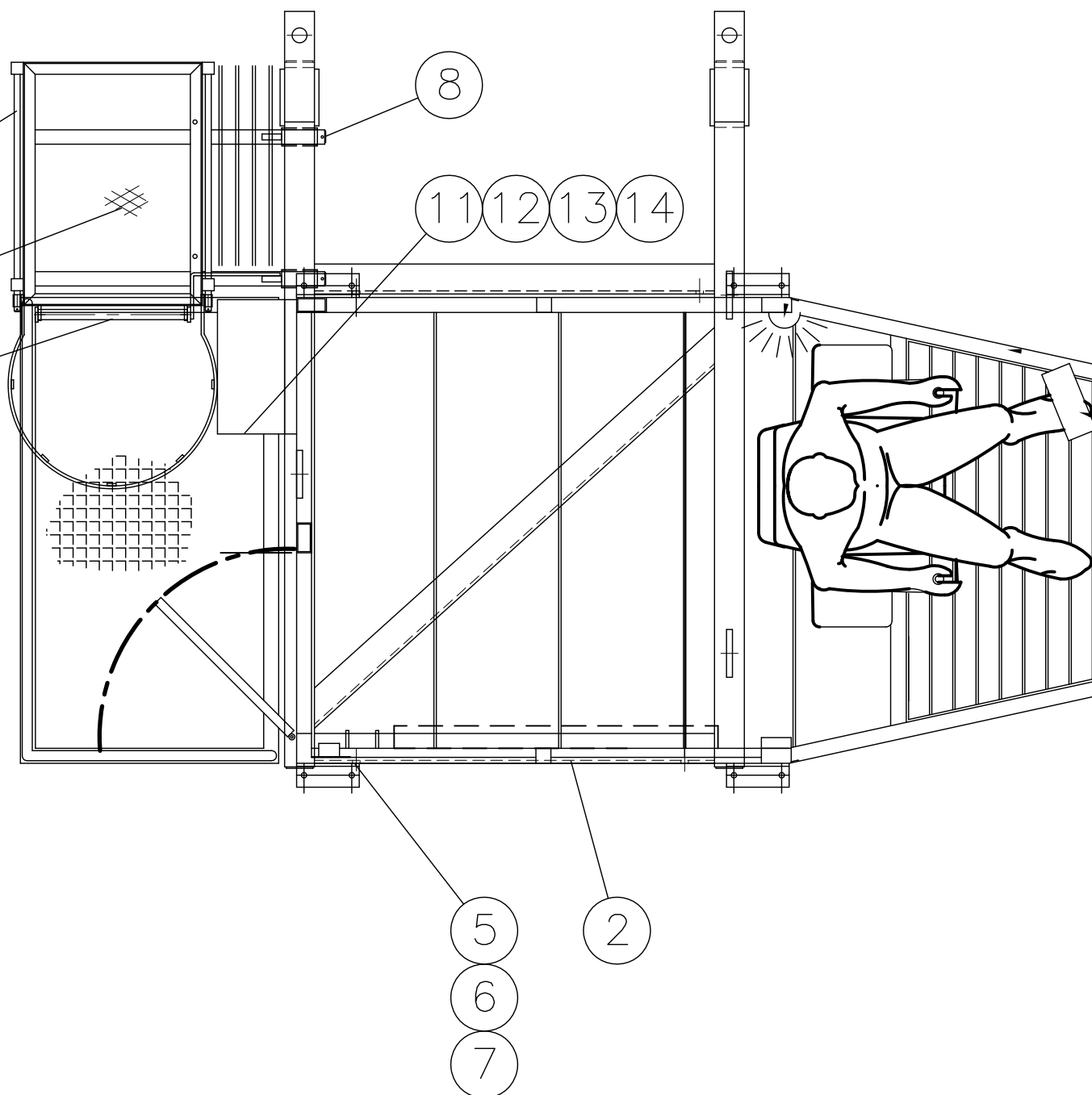
KONST.:		PROJ.	KRANTYPE	STK.	SAML. TEGN.			
TEGN.: 971023 mks								
GODK.:								
ERSTATTER:		SKALA:	OVERF. AREAL:	OVERFLADE-BEHANDLING:		MATR.:		
		1:5	m ²			DIM.:		
ERSTATTET AF:		TOTALVÆGT:		ANT. TEGNING.:		ANT. STYKL.:		
		62 kg		TITEL		Overload device assembly		
OPRINDELSE:		TRANSPORTMÅL:						
		m ³						
		KRØLL CRANES A/S		TEGN. NR.				
				C3-03.00043095-00				
NORDKRANVEJ 2		DK-3540 LYNGBY						
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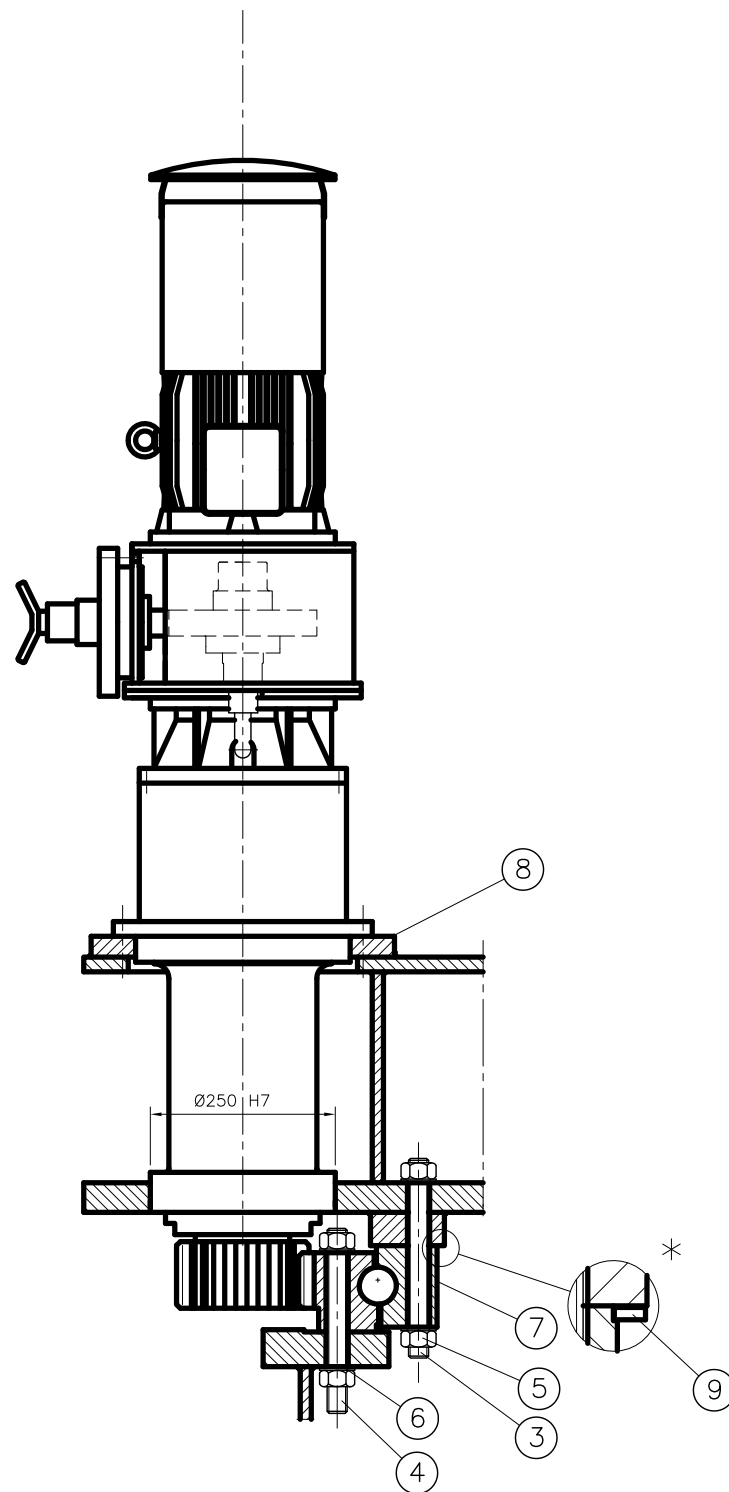
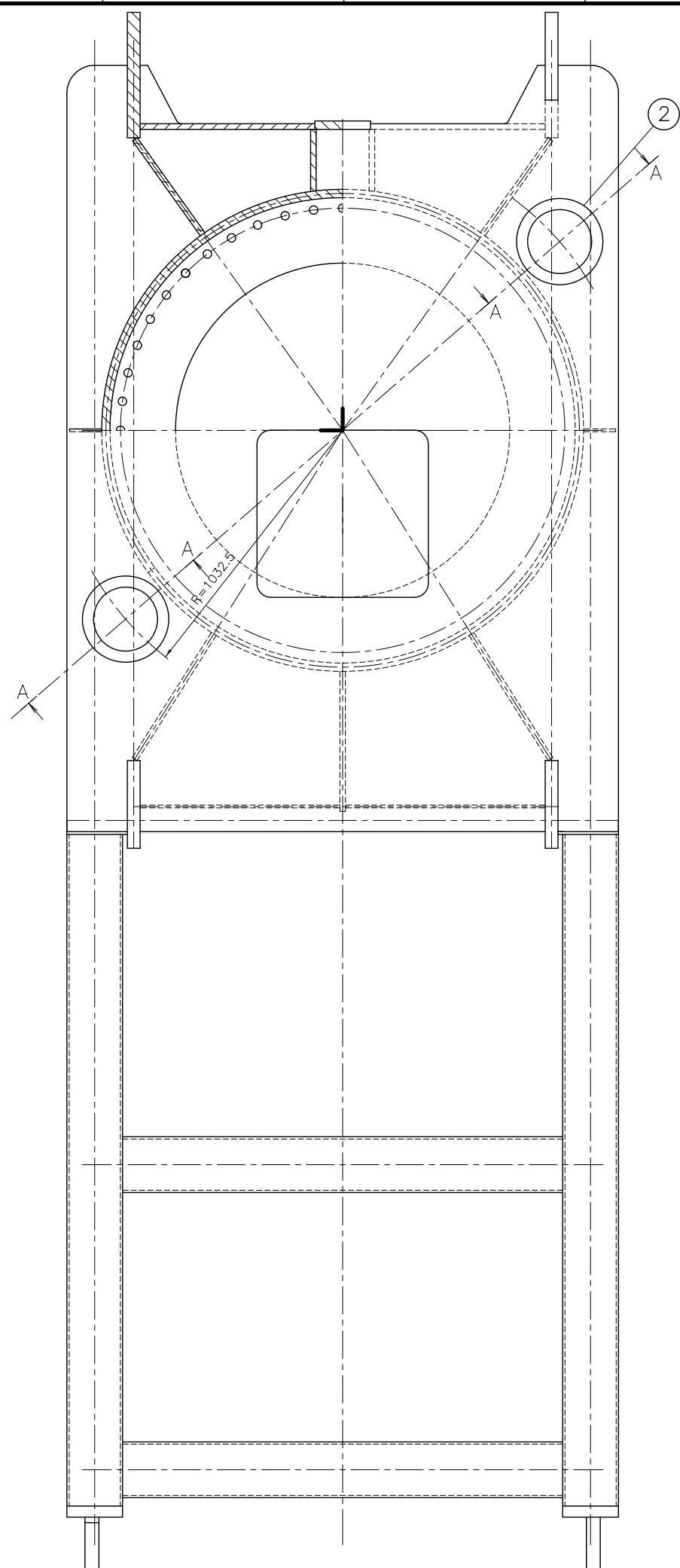
4	36.75080090	Back-up ring 70/90 x 2	2		2			
3	53.00100150	Circlip I 150 x 4			1			
2	36.10006314	Step ball bearing		6314 2 RS	2			
1	C1-31.00041467	Pulley K320			1		24	
Pos Nr.	Tegning Nr.	Titel	Længde	Type-Kvalitet	Stk	Vægt stk	Vægt total	Bemærkninger
KONST.:	PROJ.	KRANTYPE	STK.	SAML. TEGN.	K100L			
TEGN. : 950307 BP		K100L	5	C1-03.41533	KH100L			
GODK. :		K320	8	C1-04.43019				
ERSTATTER:		SKALA:	OVERF. AREAL:	OVERFLADE-BEHANDLING:		MATR.:		
		1: 5	m ²			DIM.:		
ERSTATTET AF:		TOTALVÆGT:		ANT. TEGNING.:		ANT. STYKL.:		
		29 kg		TITEL				
OPRINDELSE:		TRANSPORTMÅL:		Pulley for ø18 wire				
		m ³						
				TEGN. NR. C3-31.00041516-00				
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14	42.81900008	Washer M8		FZB	1			
13	42.11500008	Nut M8		8 FZB	1			
12	42.11108030	Bolt M8	30	8.8 FZB	1			
11	C4-64.00043133	Console for cable shield			1		3,4	
10	14.17581090	Cable tray 220mm			1			
9	64.30080082	Grating 800 x	580		1		12	
8	38.89406080	Cotter pin Ø6.3	80		4			
7	42.81900024	Washer M24		HB200	8			
6	42.11500024	Nut M24		8 FZB	4			
5	42.11124050	Bolt M24	50	8.8 FZB	4			
4	C2-64.00043126-00	Platform to cabin			1		49	
3	C3-64.00043128-00	Ladder to cabin			1		13	
2	C1-64.00043125-00	Cabin support			1		311	
1	C3-12.00043031-00	Cabin K5			1		1600	
Pos Nr.	Tegning Nr.	Titel	Længde	Type-Kvalitet	Stk	Vægt stk	Vægt total	Bemærkninger

KONST.:	PROJ.	KRANTYPE	STK.	SAML. TEGN.			
TEGN.: 971111 mks							
GODK.:							
ERSTATTER:	SKALA:	OVERF. AREAL:	OVERFLADE-BEHANDLING:		MATR.:		
	1:20	m ²			DIM.:		
ERSTATTET AF:	TOTALVÆGT:		ANT. TEGNING.:		ANT. STYKL.:		
	Ca. 2000 kg						
OPRINDELSE:	TRANSPORTMÅL:		Cabin/Suspension assembly				
	m ³						
 KRØLL CRANES A/S NORDKRANVEJ 2 DK-3540 LYNGE PHONE: +45 48 18 74 00 FAX: +45 48 18 88 07			TITEL C3-03.00043029-00				



SNIT/SECTION A-A, 1:5

MONTAGE

KRØJEKRANS

Kransen fastspændes mod tørre (afdrejede) flader. Boltens forspænding etableres ved tilspænding af møtrikkerne med tilspændingsmoment 1400 Nm. Alternativt kan "trækværktøj" anvendes (CRF. INF. Ref 2989-00) med resulterende forspænding 380 kN. Gevindene skal være behandlet med Molycote 1000. Når kransen er centreret på svingningen anbringes (påsejjes) centeringsklodserne. *

GEAR

Med krøjekransen monteret bores Ø250 H7, idet centerafstanden kontrolleres med prøvetandhjul tegn. nr. VS396, hvor spillerum tandflange/tandflange er $S=0,03 - 0,04 \times M=0,3 - 0,4$ mm. Korrektur af placering af gear udføres ved hjælp af pos. 4 "svejseflange" tegn. nr. C3-37110:

Midte af tænder på drev og krans skal ligge i samme plan:	Reduktion af tykkelse.
---	------------------------

AFPRØVNING

Gearoliefyldning checkes.
Hvis oliemangel konstateres, checkes for utæthed og olien udskiftes til gearolie efter smøreskema.

Drev/tandkrans (åben gearing) smøres med Shell Kuggspray.

Kuglelejekrans efterfyldes med "lubralfedt".

Skridtkobling justeres
Skridmoment indstilles ved at spænde fjedrene med klemmøtrikken
til kipmom. (idet øjeblik k. skrider) netop er 32 ± 1 Nm
målt med momentnøgle anbragt centralt.

Bremserne justeres
Se instruktion.

MOUNTING

SLEWING RING

Fasten the ring against dry (machined) surfaces.
Initial tension at bolts to be established by
fastening the nuts with torque moment 1400 Nm.
For alternative use "tension tools" (CRF. INF. Ref 2989-00)
with resulting initial tension 380 kN.
Thread has to be treated with Molycote 1000.
When the ring is centered at slewing, place (by welding)
centering blocks. ✕

GEAR

With the slewing ring mounted drill Ø250 H7, center distance to be controlled with test toothed wheel draw. no. VS396, where tolerance tooth flange/tooth flange is $S=0,03 \pm 0,04$ x $M=0,3 \pm 0,4$ mm.

Correction of gear placement to be carried out using pos. 4 "welding flange" draw. no. C3-37110:

Shafts for slewing ring and gear has to be parallel:	Horizontal moving.
Middle of teeth at pinion and ring has to be in the same level:	Reduction of thickness.

CHECKING

Gear-oil filling to be checked.
If lack of oil is found, check for leakage and replace the oil into gear-oil following oiling schedule.

Drive pinion/toothed ring (open gearing) to be greased with Shell Kuggspray.

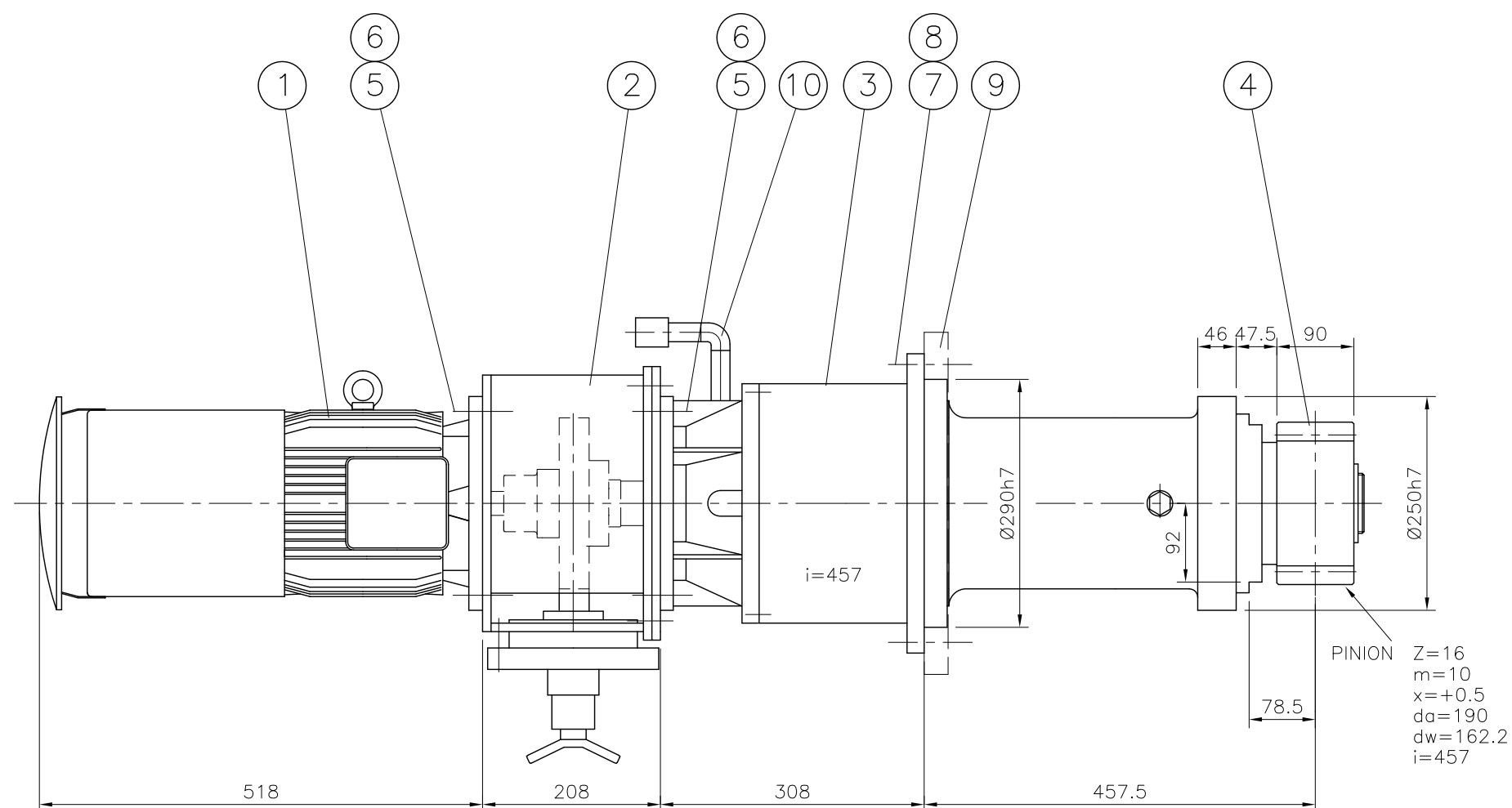
Ring for ball bearing has to be secondary filled with grease.

Slip clutch adjustment
Slip moment to be adjusted by compressing the springs with clamping nut max. torque, exactly 32 ± 1 Nm. measured with torque wrench placed centered.

Brake adjustment
See instruction.

[illegible]

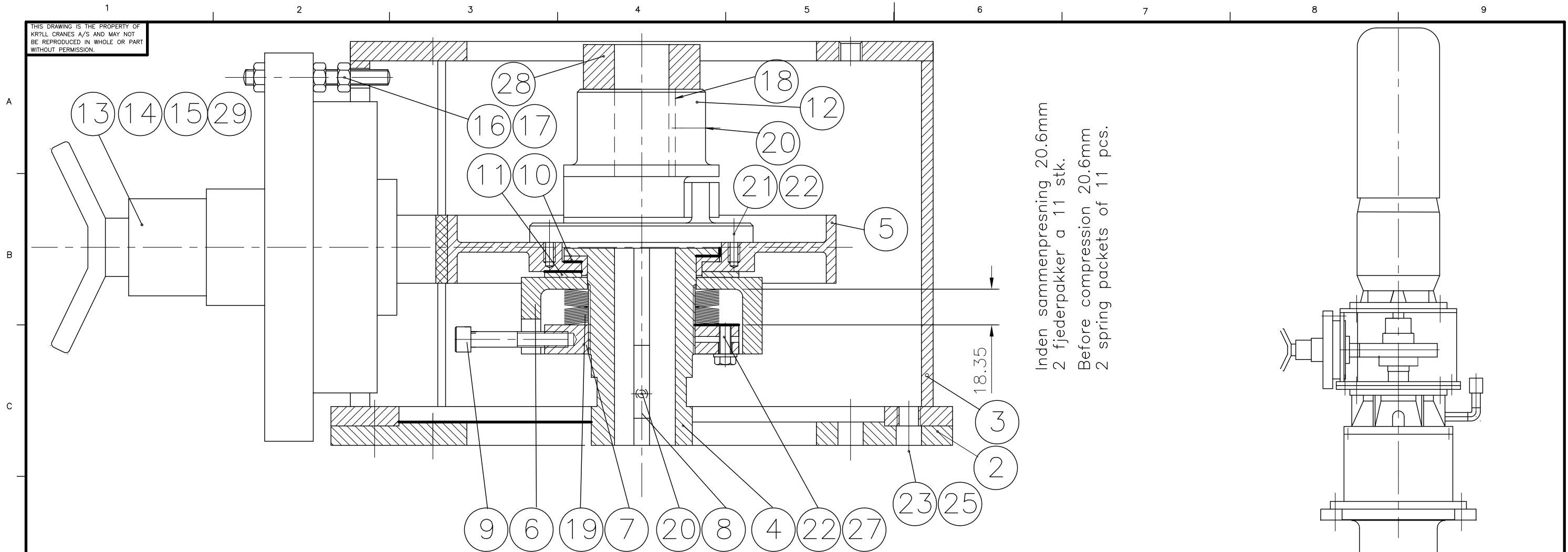
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10	C4-03.00040619-00	Bleeding system			1				
9		Welding frame						see DWG 03-40745	
8	42.81900014	Washer M14		HB200	12				
7	42.11114040	Bolt M14	40	DIN933	12				
6	42.81900012	Washer M12		HB200	8				
5	42.11112040	Bolt M12	40	DIN933	8				
4		Pinion							
3	1-17.00037057	Slewing gearbox		Röchling i:457	1		90		
2	C3-03.00037496-04	Coupling housing			1		48		
1	C4-15.00045742	Motor 5.1 kW DC		Lenze	1		70		

Pps Nr.	C4-13.00043742	Motor	5.1 kW DC	Lenze	Type-Kvalitet	Stk	Vægt stk	Vægt total	Bemærkninger
Tegning Nr.		Titel		Længde		Stk		Vægt total	
KONST.:		PROJ.	KRANTYPE	STK.	SAML. TEGN.	K320		1	
TEGN.: 20010517 ML			K320	1	C1-03.43044				
GODK.:									
ERSTATTER:		SKALA:	OVERF. AREAL:	OVERFLADE-BEHANDLING:		MATR.:			
		1:5	m ²			DIM.:			
ERSTATTET AF:		TOTALVÆGT:		ANT. TEGNING.:		ANT. STYKL.:			
		203 kg		TITEL					
OPRINDELSE:		TRANSPORTMÅL:		Slewing unit 5.1 kW DC without tacho					
		m ³							
		KRØLL CRANES A/S		TEGN. NR. C2-03.00043045-00					
NORDKRANVEJ 2 PHONE: +45 48 18 74 00		DK-3540 LYNGBE FAX: +45 48 18 88 07							

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Inden sammenpresning 20.6mm
2 fjederpakker a 11 stk.
Before compression 20.6mm
2 spring packets of 11 pcs.

Sikres med/secured with locktite

Justering af K-bremse og skridkobling.

Skridkobling :

Koblingen justeres til et skridmoment på 32Nm ved justering af :
Fjederklemkraften vha. klemmøtrikken pos 7. Skridmoment kontrolleres vha.
momentnøgle påsat overparten med underpart fastholdt af krøjegear eller dorn.
Tilladelige afvigelse af moment: ± 1 Nm. Se iøvrigt særlige instruktioner
i arrangement tegning af krøjemaskineri for aktuel kran. Til justering
anvendes udover momentnøgle værktøj nr. 4-50.00039752 og 3-50.00039753

K-bremse :

Se særskilt instruktion i instruktionsbog.
Nom. bremsemoment med 38mm bøsning (pos) er: 26.5Nm.

K-brake and slip clutch adjustment.

Slip clutch :

Clutch has to be adjusted to a slip moment of 32 Nm by adjusting :
Spring load power using clamping nut pos 7. Slip moment to be
controlled using torque wrench putted on upper part with bottom part
fasten by slewing gear or drift. Allowable variation of moment: ± 1 Nm.
See furthermore special instructions at arrangement drawing for slewing
machinery for actual crane. The following tools are also used for
adjustment: No. 4-50.00039752 and 3-50.00039753

K-brake :

See sepearte instruction in instruction manual.
Nominal brake moment with 38 mm bushing (pos) is: 26.5 Nm

Pos.19.

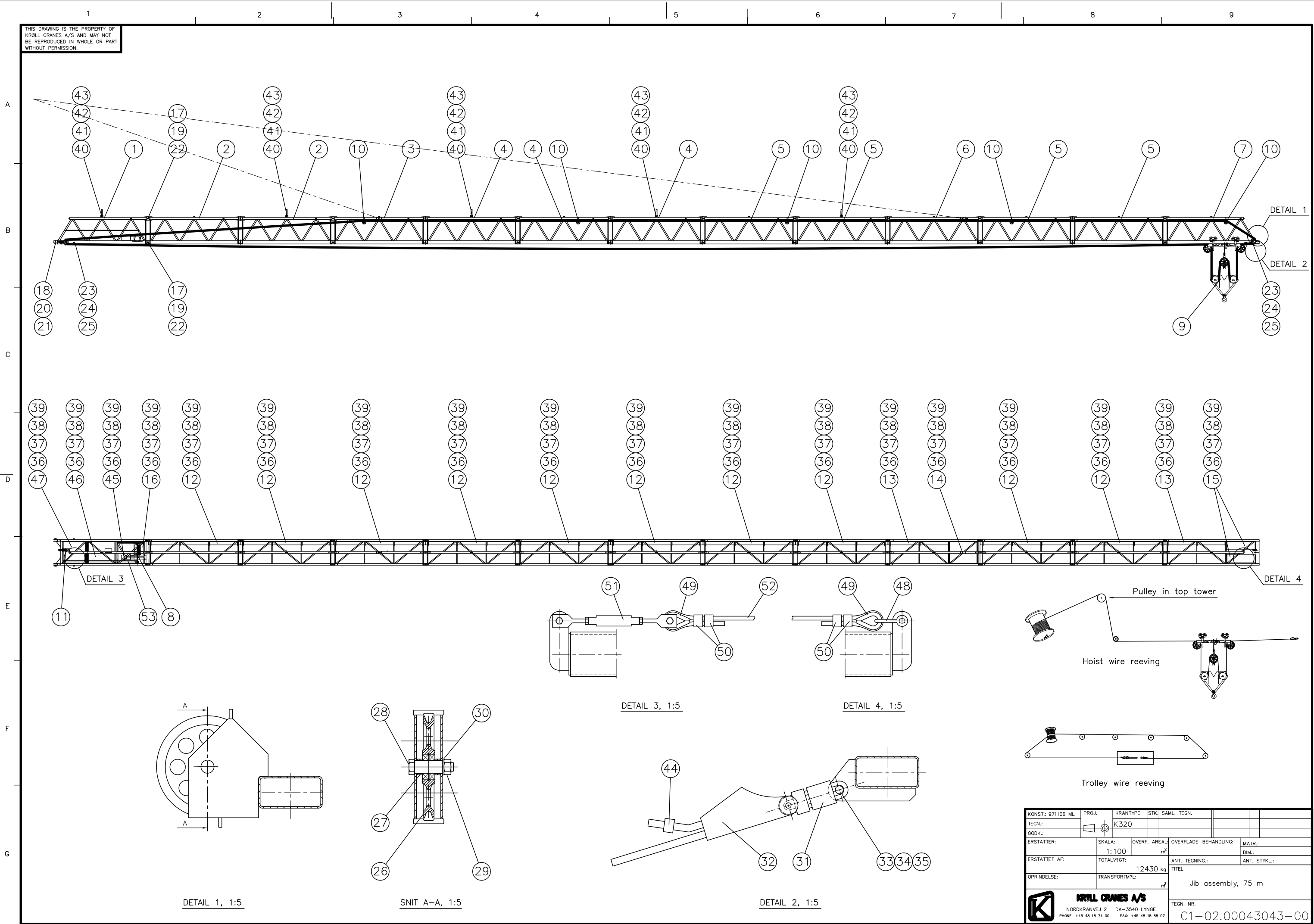
Tallerkenfjedrene ordnes i 2 pakker 11
stk. Delene må kun samles løst og først
sammenspændes ved endelig montage.

Fix the diskspring in 2 packages, each with 11
pcs. The parts must be losen assembled
and finaly fastened by final mounting.

Eksempel på anvendelse i krøjedrev
Example at use in slewing drive

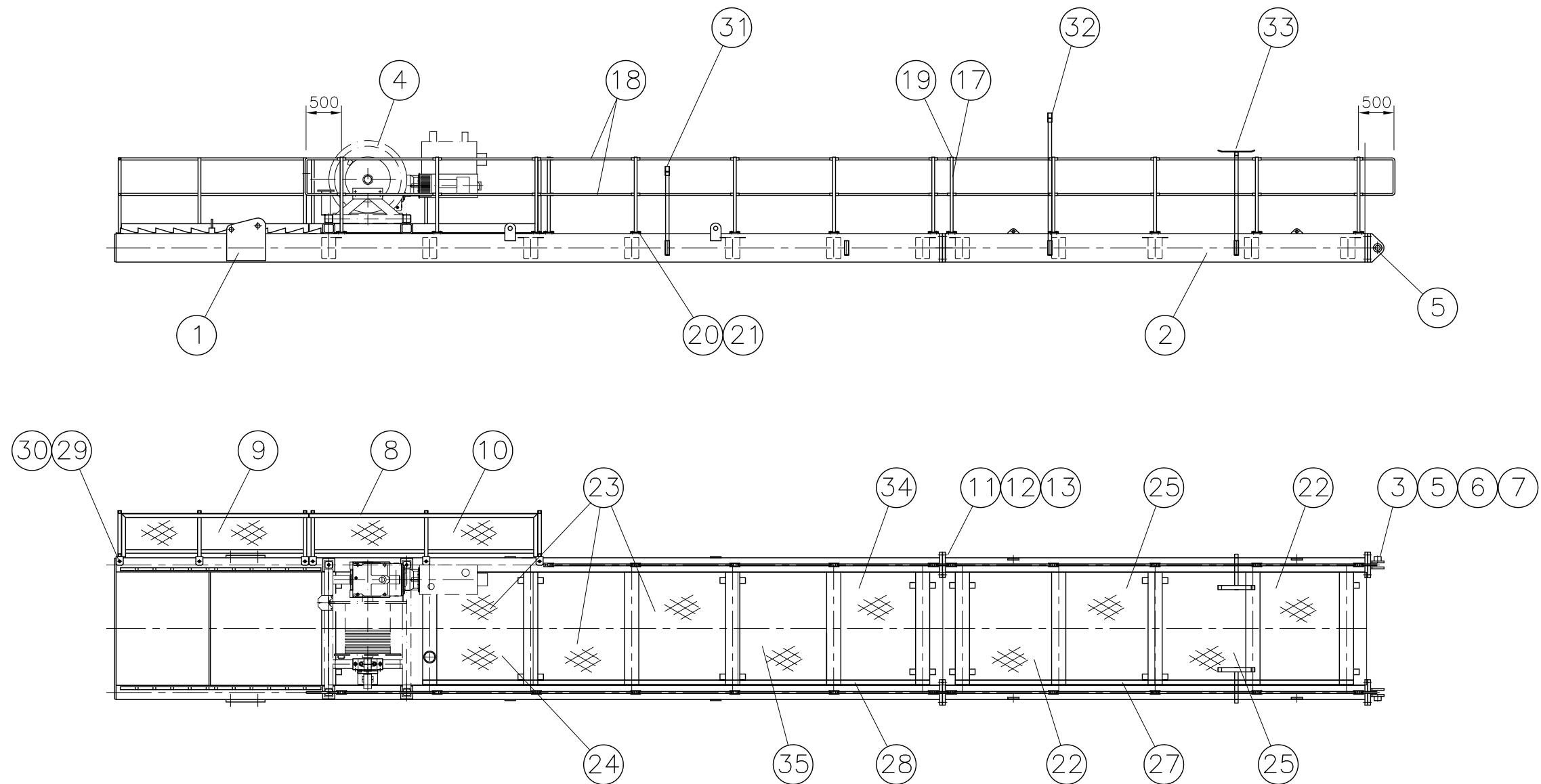
KONST.:	PROJ.	KRANTYPE	STK.	SAML. TEGN.			
TEGN.: 971014 MKS							
GODK.:							
ERSTATTER:	SKALA:	OVERF. AREAL:	OVERFLADE-BEHANDLING:	MATR.:			
	1:2	m ²		DIM.:			
ERSTATTET AF:	TOTALV?GT:	48 kg	ANT. TEGNING.:	ANT. STYKL.:			
OPRINDELSE:	TRANSPORTM?L:	m ³	TITEL				
				Coupling housing complete incl. Slip cluch & K-brake			
NORDKRANVEJ 2 DK-3540 LYNØ PHONE: +45 48 18 74 00 FAX: +45 48 18 88 07				TEGN. NR.	C3-03.00037496-05		

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KONST.: 971106 ML	PROJ.	KRANTYPE	STK.	SAML.	TEGN.
TEGN.:		K320			
GODK.:					
ERSTATTER:	SKALA:	OVERF.	AREAL	OVERFLADE-BEHANDLING:	MATR.:
	1:100		m ²		DIM.:
ERSTATTET AF:	TOTALVGT:	12430 kg	ANT. TEGNING.:	ANT. STYKL.:	
OPRINDELSE:	TRANSPORTM ² l:	m ³	TITEL		
			Jib assembly, 75 m		
			TEGN. NR.		
NORDKRANVEJ 2 DK-3540 LYNGBE PHONE: +45 46 18 74 00 FAX: +45 46 18 86 07			C1-02.00043043-00		

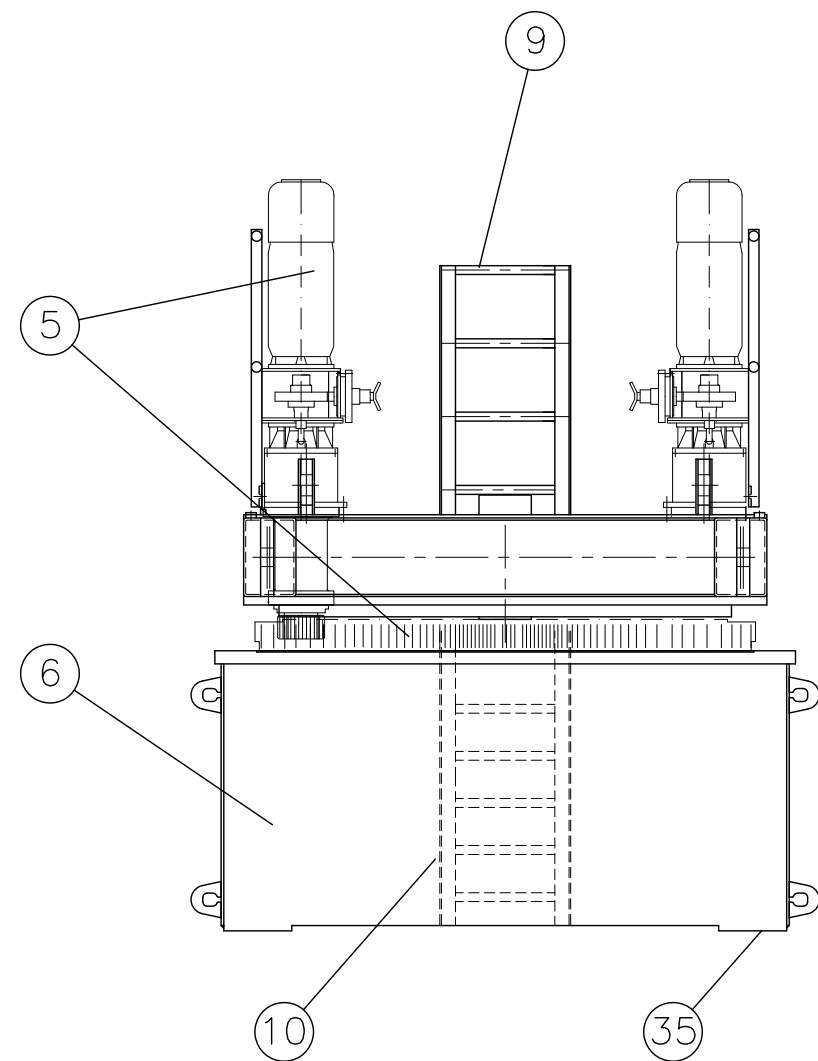
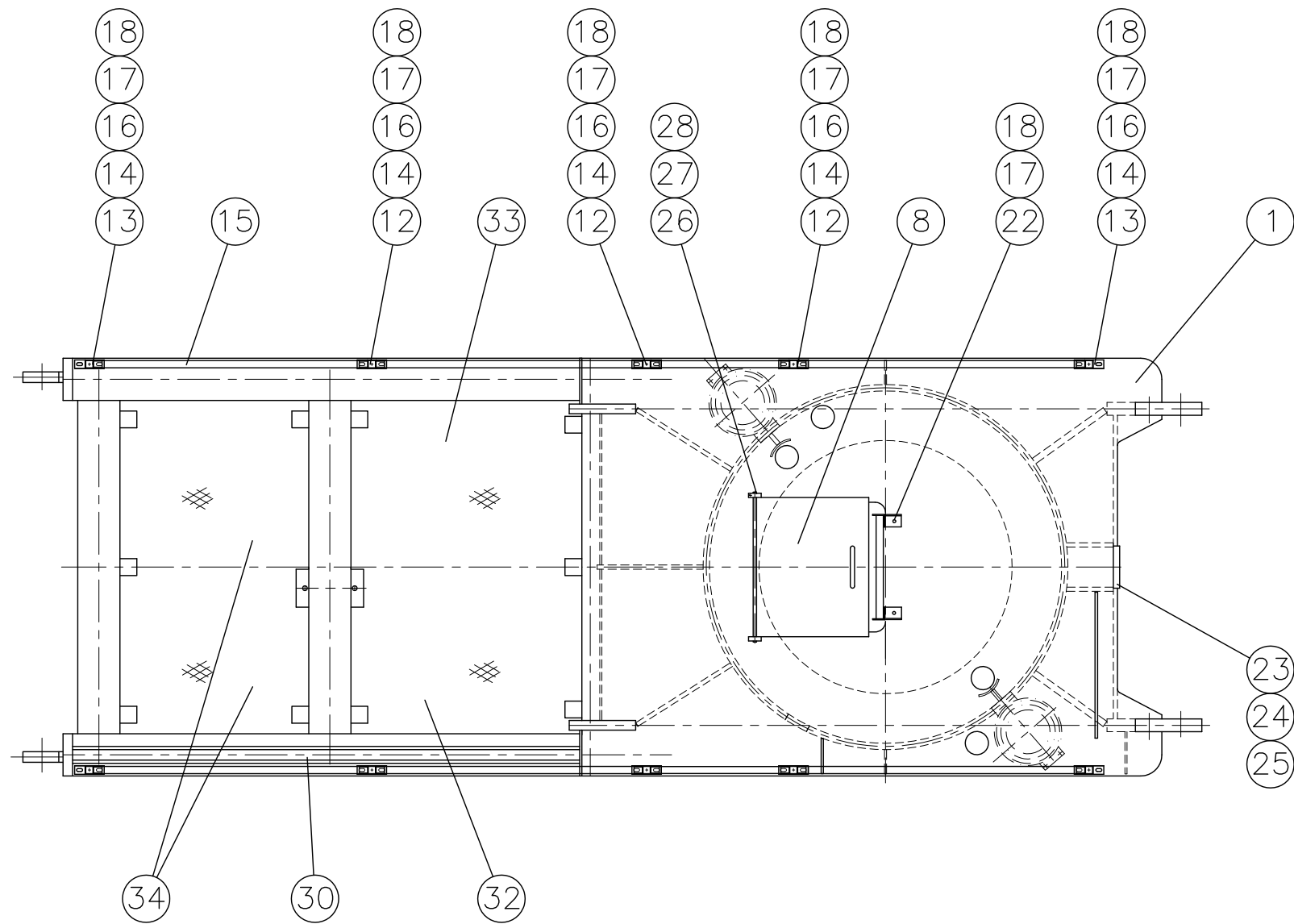
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35	C3-64.00043167	Platform 2890 x 795		H4, 25 x 2	1		57		
34	C3-64.00043166	Platform 2890 x 795		H4, 25 x 2	1		57		
33	C4-04.00043162	Stay support, L=1460			2	14	28		
32	C4-04.00043161	Stay support, L=1930			2	12	24		
31	C4-04.00043160	Stay support, L=1175			2	8	16		
30	38.81905050	Pin Ø5 x 50		DIN 94	6				
29	42.84600030	Washer M30		DIN 125B	6				
28	90.39180403	Cable tray	7155		1		33		
27	90.39180403	Cable tray	5620		1		26		
26	64.30080045	Gate fitting			20				
25	C4-64.00043164	Platform 2990 x 795		H4, 25 x 2	2	59	118		
24	C3-64.00043165	Platform 2890 x 795		H4, 25 x 2	1		56		
23	64.34289079	Platform 2890 x 795		H4, 25 x 2	3	57	171		
22	C4-64.00043163	Platform 2990 x 795		H4, 25 x 2	2	59	118		
21	42.81900012	Washer M12			44				
20	42.11112030	Bolt M12 x 30		8.8 FZB	44				
19	50.00080312	Plug			22				
18	90.13100026	Handrail Ø26.9x2.6	80m				120		
17	C4-64.00040693	Baluster type 2			22	4	88		
16									
15									
14									
13	42.84600024	Washer M24		DIN6916	16				
12	42.24600024	Nut M24		10 FZV	16				
11	42.24724110	Bolt M24 x 110		10.9 FZV	16				
10	64.34320060	Platform 3200 x 600		H4, 25 x 2	1		44		
9	C3-64.30043159	Platform 2640 x 600		H4, 25 x 2	1		35		
8	C1-64.00043158	Side platform			1		172		
7	C4-38.00017978	Safety pin			2				
6	C4-47.00043157	Washer Ø120/72			2		1		
5	C4-45.00043156	Cotter bolt Ø70x180			2	7	14		
4		Hoist winch							
3	C4-04.00043153	Slewing connection			2	61	122		
2	C1-04.00043151	Counterjib 6m			1		1418		
1	C1-04.00043150	Counterjib 12m			1		3070		
Pps Nr.	Tegning Nr.	Titel	Længde	Type-Kvalitet	Stk	Vægt stk	Vægt total	Bemærkninger	

KONST.: 971022 JL	PROJ.	KRANTYPE	STK.	SAML. TEGN.			
TEGN.:							
GODK.:							
ERSTATTER:	SKALA: 1:50	OVERF. AREAL: m²	OVERFLADE-BEHANDLING:	MATR.:			
ERSTATTET AF:	TOTALVÆGT: 5800 kg	ANT. TEGNING.:	ANT. STYKL.:				
OPRINDELSE:	TRANSPORTMÅL: m³	TITEL					
				K320 Counterjib assembly 22m			
NORDKRANVEJ 2 DK-3540 LYNØ PHONE: +45 48 18 74 00 FAX: +45 48 18 88 07				TEGN. NR. C2-04.00043042-00			

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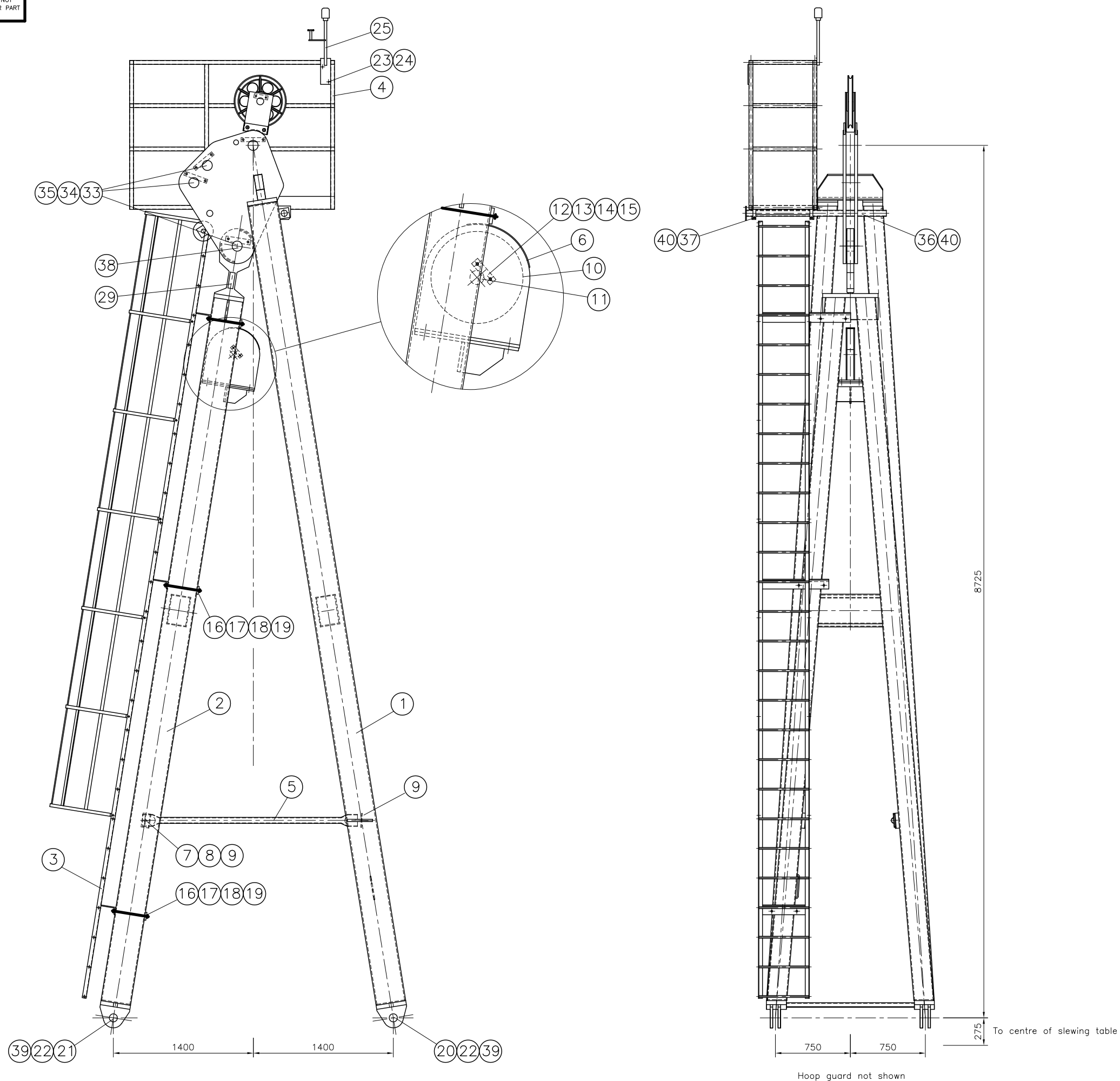
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TEGN.: 980106 ML								
GODK.:								
ERSTATTER:	SKALA:	OVERF. AREAL:	OVERFLADE-BEHANDLING:	MATR.:				
	1: 20	m ²		DIM.:				
ERSTATTET AF:	TOTALVÆGT:	7250 kg	ANT. TEGNING.:	ANT. STYKL.:				
OPRINDELSE:	TRANSPORTMÅL:	m ³	TITEL					
			Slewing and masthead assembly					
			TEGN. NR.					



KRÖLL CRANES A/S

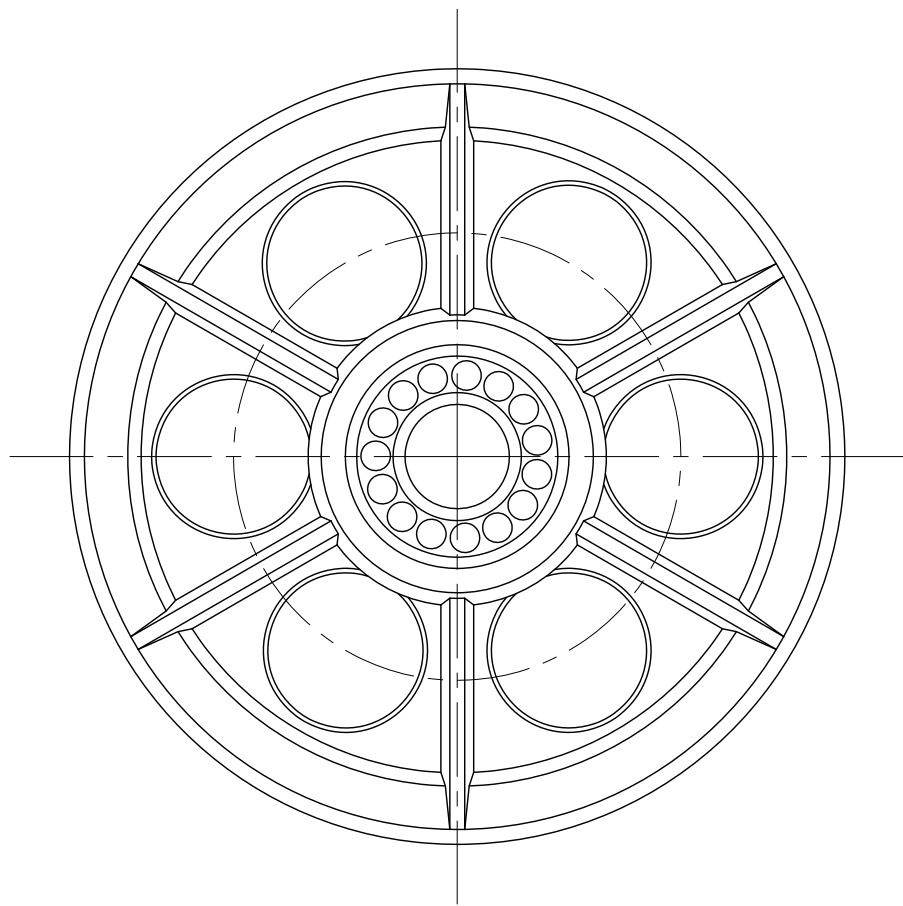
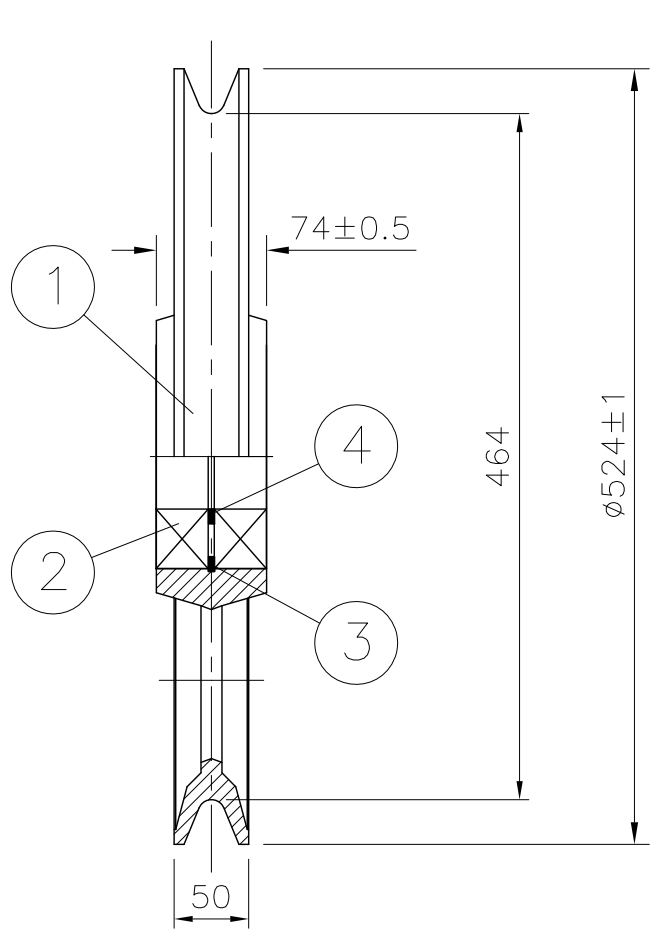
NORDKRANVEJ 2 DK-3540 LYNGE
PHONE: +45 48 18 74 00 FAX: +45 48 18 88 07

C2-03.00043038-00



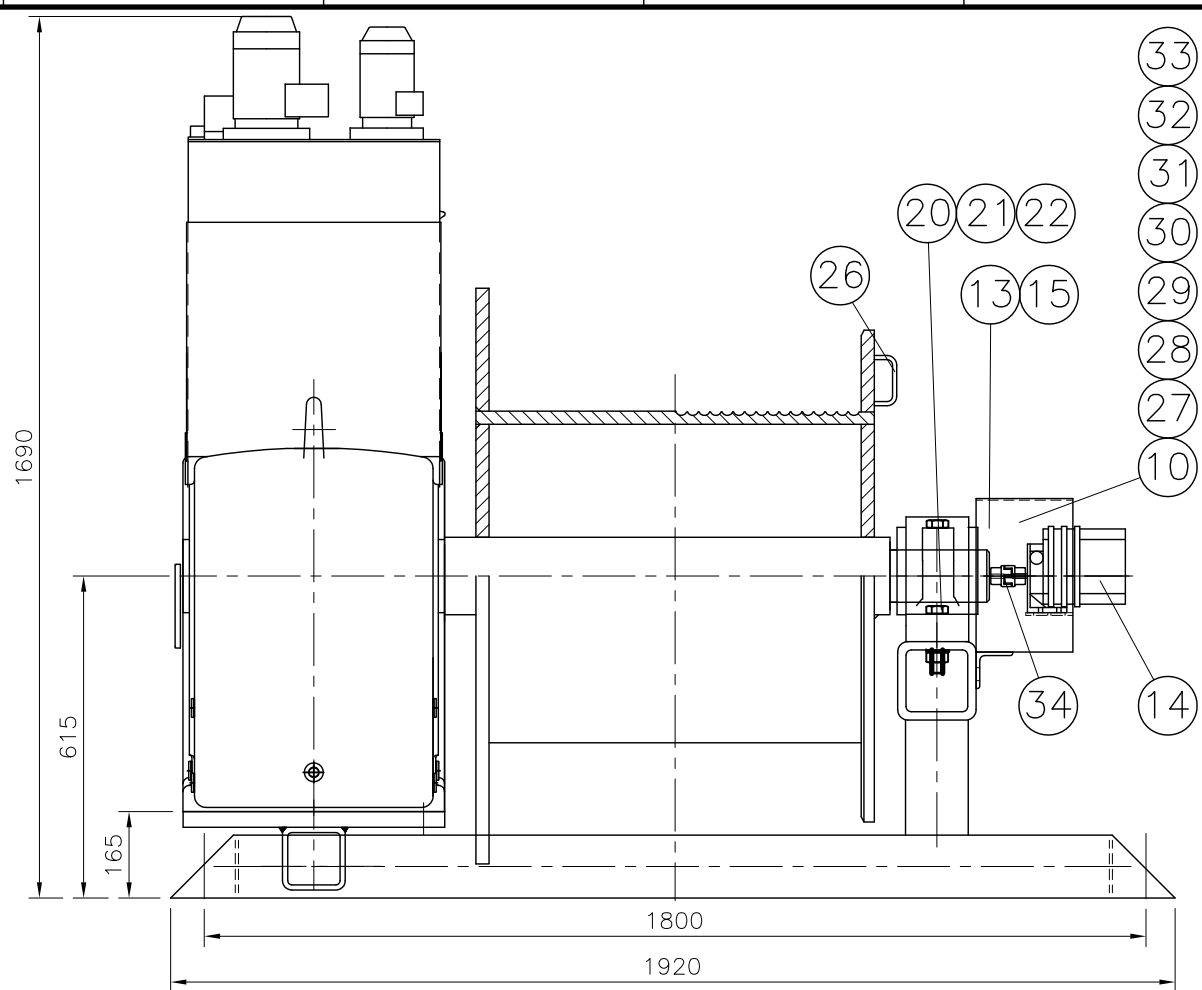
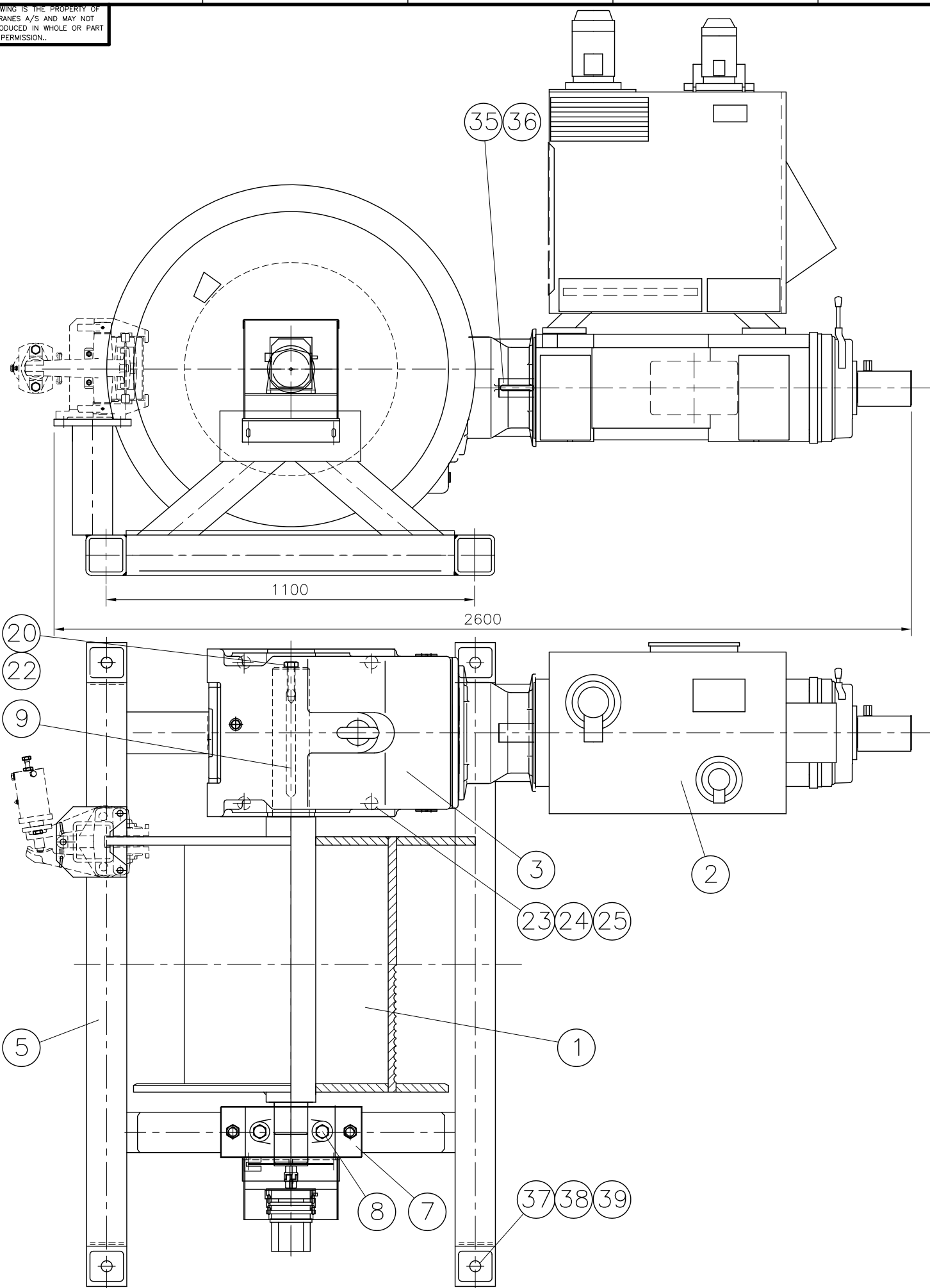
40	C4-38.00017977	Safety pin Ø6				4			
39	C4-38.00017978	Safety pin Ø6				4			
38	C4-45.00041348	Cotter bolt Ø100/145				1		14	
37	C4-45.00010404	Cotter bolt	120			2	0.2	1	
36	C3-58.00043247	Pipe				2	10.5	21	
35	42.19000016	Washer M16				6			
34	42.11116030	M16 x 30				6			
33	C4-40.00043238	Lock plate				3	0.5	2	
29	13.15280358	Vibrometer strain gauge				1			
28									
27									
26									
25	C2-58.00037585	Upright				1		5	
24	42.81900010	Washer M10		HB200		1			
23	42.11110040	Bolt M10	40	8.8,DIN933,FZB		1			
22	C4-47.00017807	Washer				4	0.3	2	
21	C4-45.00043244	Cotter bolt Ø80/110				2	6.6	13.2	
20	C4-45.00043243	Cotter bolt Ø80/135				2	7.5	15	
19	42.81900016	Washer M16				6			
18	42.11500016	Nut M16				6			
17	42.14116380	Screw rod M16	380	8.8,DIN975,FZB		6			
16	C4-64.10040796	Fitting				3	4.5	14	
15	42.81900024	Washer 16		HB 200 FZB	12				
14	42.11116020	Bolt M16	20	8.8 FZB	6				
13	C4-40.00020817	Lock plate	140			2	0.5	1	
12	C4-43.00041555	Bushing Ø70	2.8			2			
11	C3-41.00043293	Shaft Ø70	96			1		5	
10	C3-31.00041516	Rope pulley				1		30	
9	42.11500024	Nut M24		8, FZB	6				
8	42.81900024	Washer M24		HB200	6				
7	42.11124075	Bolt M24	75	8.8, FZB	2				
6	C3-58.00043242	Bracket for pulley				1		55	
5	C3-03.00040737	Site joint				2	13	26	
4	C2-64.00043237	Platform				1		94	
3	C1-64.00043240	Caged ladder				1		188	
2	C1-04.00043231	Rein. leg				1		1188	
1	C1-04.00043230	Front leg				1		1677	
Pos. nr.	Tegning Nr.	Titel		Længde	Type-Kvalitet	Stk	Vægt stk	Vægt total	Bemærkninger
KONST.: Q30617 JL	PROJ.	KRANTYPE	STK:	SAML. TEGN.					
TEGN.:		K320	1						
GODK.:									
ERSTATTER:	SKALA:	OVERF. AREAL	OVERFLADE-BEHANDLING:		MATR.:				
	1:20	m ²	SMM		DIM.:				
ERSTATET AF:	TOTALVÆGT:	3365 kg		TITEL		ANT. TEGNING.:		ANT. STYKL.:	
OPRINDELSE:	TRANSPORTMÅL:		m ³		Top Tower Assembly drawing				
		KNILL CRANES A/S		TEGN. NR.					
NORDKRANVEJ 2		DK-3540 LYNGE							
PHONE: +45 48 18 74 00		FAX: +45 48 18 85 07							
C1-04-00043019-0									

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4	36.75080090	Back-up ring 70/90 x 2	2		2				
3	53.00100150	Circlip I 150 x 4			1				
2	36.10006314	Step ball bearing		6314 2 RS	2				
1	C1-31.00041467	Pulley K320			1		24		
Pos Nr.	Tegning Nr.	Titel		Længde	Type-Kvalitet	Stk	Vægt stk	Vægt total	Bemærkninger
KONST.:		PROJ.	KRANTYPE	STK.	SAML. TEGN.	K100L			
TEGN. : 950307 BP			K100L	5	C1-03.41533	KH100L			
GODK. :			K320	8	C1-04.43019				
ERSTATTER:		SKALA:	OVERF. AREAL:	OVERFLADE-BEHANDLING:		MATR.:			
		1: 5	m ²			DIM.:			
ERSTATTET AF:		TOTALVÆGT:		ANT. TEGNING.:		ANT. STYKL.:			
		29 kg		TITEL					
OPRINDELSE:		TRANSPORTMÅL:		Pulley for ø18 wire					
		m ³							
		KRØLL CRANES A/S		TEGN. NR. C3-31.00041516-00					
NORDKRANVEJ 2 · 3540 LYNGE · DENMARK									
PHONE: +45 48 187400 · FAX: +45 48 188807									
www.krollcranes.com									

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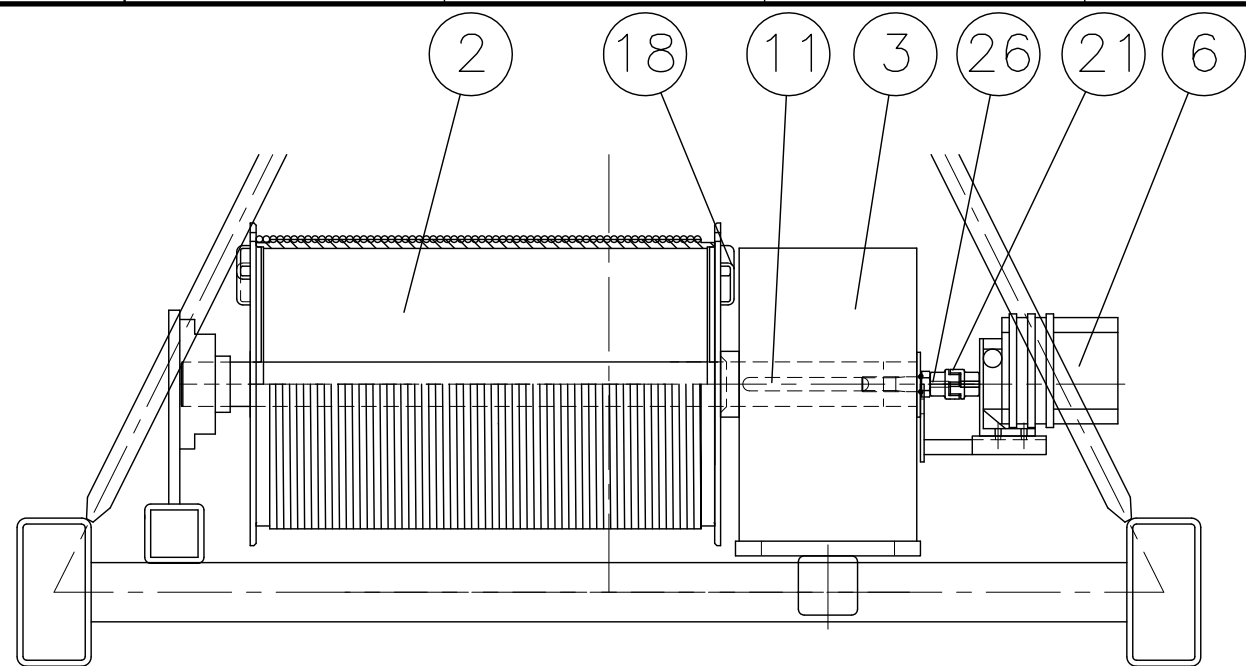
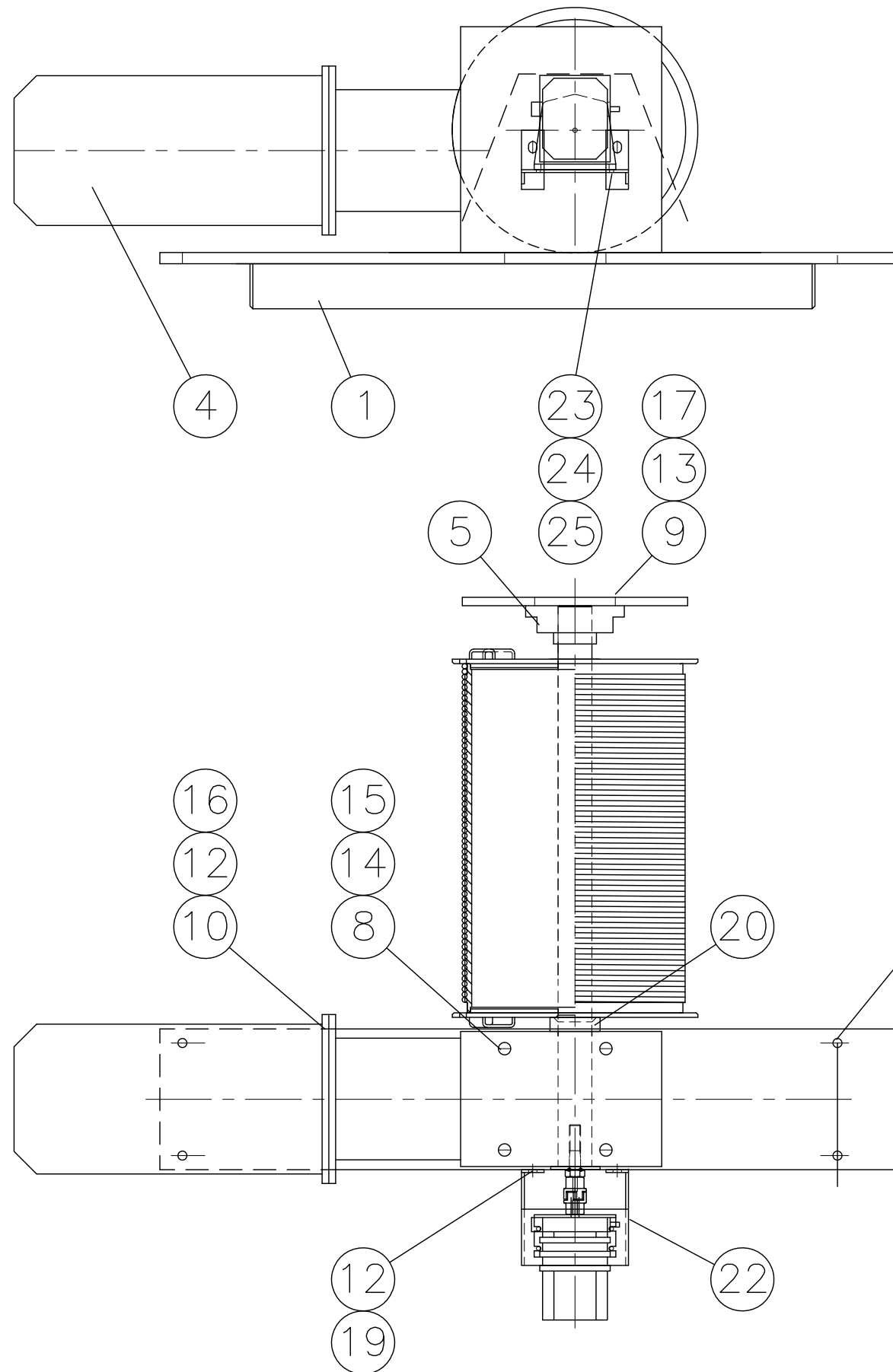
KONST.: 971009 JR	PROJ.	KRANTYPE	STK.	SAML. TEGN.			
TEGN.:		K320					
GODK.:							
ERSTATTER:	SKALA:	OVERF. AREAL:	OVERFLADE-BEHANDLING:	MATR.:			
	1:10	m ²		DIM.:			
ERSTATTET AF:	TOTALVÆGT:	ANT. TEGNING:	ANT. STYKL:				
	ca. 2300 kg	TITEL					
OPRINDELSE:	TRANSPORTMÅL:	Hoist winch assembly					
	m ³						
		KRØLL CRANES A/S		TEGN. NR.			
NORDKRANVEJ 2		DK-3540 LYNØE		C2-05.00043025-00			
PHONE: +45 48 18 74 00		FAX: +45 48 18 88 07					

Pos	form	gruppe	Nummer	Titel	Længde	Type kval. fab	Stk	V./stk	Vægt	Bemærkning	Ændr.
1	C2	_52 000	43251	Lasttromle		Lebus	1	700	700		
2	C4	_15 000	41503	Motor	56kW	Lenze	1	285	285	GFQK (BT) 160-32 B3/B5	
3	C4	_17 000	41468	Gear		Nord	1	910	910	SK 9086 P IEC 200, i=78,24	
4											
5	C1	_58 000	43250	Fundament			1	320	320		
6											
7		_36 601	80001	Ståleje Ø100 Stålhus m. nipp		SNF 522 VS	1	22	22	22222K+ H322+ 2xFR13.5/200-LD	
8				Bolt M16		12.9 insex	2			indvendige bolte M16 leveres i 12.9	
9		31 128	16320	Pasfeder	28x16	320 A	1	1	1		
10		58 000		Konsol			1		0		
11		58 000		Konsol			1		0		
12		58 000		Skærm			1		0		
13	C4	5 000	40754	Måleskive			1	1	1		
14		14 122	80893	Endestop		Stromac	1	1	1	1: 324	
15		14 262	80802	Induktiv aftaster		SJ10-N	1		0		
16									0		
17		42 111	16080	Bolt M16	80	8.8 Din933 fzb	3		0	til bremse	
18		42 115	00016	Møtrik M16		8 Din 934 fzb	3		0	til bremse	
19		42 819	00016	Skive f. M16		HB 200 fzb	3		0	til bremse	
20		42 111	24100	Bolt M24	100	8.8 Din933 fzb	3	0,5	2	til lejet og mellem aksel og gear	
21		42 115	00024	Møtrik M24		8 Din 934 fzb	2		0	til lejet	
22		42 819	00024	Skive f. M24		HB 200 fzb	3		0	til lejet og mellem aksel og gear	
23		42 112	36120	Bolt M36	120	8.8 Din933 fzb	4	1,3	5		
24		42 115	00036	Møtrik M36		8 Din 934 fzb	4		0		
25		42 819	00036	Skive f. M36		HB 200 fzb	4		0		

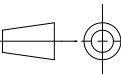
Kran type	stk	Nummer	Navn	Dato	Vægt	
K320	1		Konstrueret af: JR	971013	Kg	2.247
			Tegnet af: JR			
Side 1 af 2			Titel	Format	Gruppe	Tegn nr
Krøll Cranes A/S Nordkranvej 2 DK-3450 Lynge Phone +45 48 18 74 00 Telefax +45 48 18 88 07			Lastspil 56 KW	C1	_05_000	43025 _00

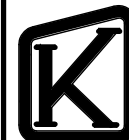
Pos	form	gruppe	Nummer	Titel	Længde	Type kval. fat	Stk	V./stk	Vægt	Bemærkning	Ændr.	
26	C4	32 000	41633	Kile for wire Ø18			1		0			
27		42 111	08030	Bolt M8	30	8.8 Din933 fzb			0			
28		42 115	00008	Møtrik M 8		8 Din 934 fzb			0			
29		42 819	00008	Skive f. M 8		HB 200 fzb			0			
30		42 111	08020	Bolt M8	20	8.8 Din933 fzb			0			
31		42 115	00006	Møtrik M 8		8 Din 934 fzb			0			
32		42 819	00006	Skive f. M 8		HB 200 fzb			0			
33		42 111	06020	Bolt M8	20	8.8 Din933 fzb			0			
34		19 000	39078	Kobling			1		0			
35		42 270	00012	Høj møtrik M12	50	8	2		0			
36		42 141	00012	Gevindstang M12	1000	08:08	1		0			
37									0			
38									0			
39									0			
40									0			
41									0			
42									0			
43									0			
44									0			
45									0			
46									0			
47									0			
48									0			
49									0			
50									0			
Kran type		stk	Nummer	Navn		Dato						
K320		1	0	Konstrueret af: JR		971013		Vægt				
				Tegnet af: JR		0		Kg		2.247		
				Side 2 af 2		Titel		Format		Gruppe Tegn nr		
Krøll Cranes A/S				Lastspil 56 KW				C1 _05_000				43025 _00
Nordkranvej 2 DK-3450 Lyngø												
Phone +45 48 18 74 00												
Telefax +45 48 18 88 07												

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26	42.89510060	Pin Ø10 x 60			1			
25	42.11500006	Nut M6		8 FZB	4			
24	42.81900006	Washer M6		HB 200 FZB	4			
23	42.11106030	M6 x 30		8.8 FZB	4			
22	C4-58.00043282	Console for trolley limit switch			1		2	
21	19.00039078	Flexible Coupling						
20	C4-43.00043281	Bushing	25		1		0.7	
19	42.11112020	M12 x 20		8.8 FZB	2			
18	32.00040583	Wedge			2		2	
17	42.11500016	Nut M16		8 FZB	8			
16	42.11500012	Nut M12		8 FZB	4			
15	42.11500020	Nut M20		8 FZB	4			
14	42.81900020	Washer M20		HB 200 FZB	4			
13	42.81900016	Washer M16		HB 200 FZB	8			
12	42.81900012	Washer M12		HB 200 FZB	6			
11	51.11811160	Feather A18 x 11	160		1			
10	42.11112040	M12 x 40		8.8 FZB	4			
9	42.11116060	M16 x 60		8.8 FZB	4			
8	42.11120080	M20 x 80		8.8 FZB	4			
7	42.11116050	M16 x 50		8.8 FZB	4			
6	14.12280929	Limit switch		75BM	1		1	
5	36.60200212	Bearing UCF 212			1		3	
4	15.00045710	Motor B132S/4-L80 w. brake	BFK4548-16E		1		25	
3	17.00043273	Trolley gear SK9042	IEC132	- H1	1		141	
2	C1-06.00043272	Trolley winch drum			1		120	
1	C3-58.00043270	Trolley Winch Frame			1		66	

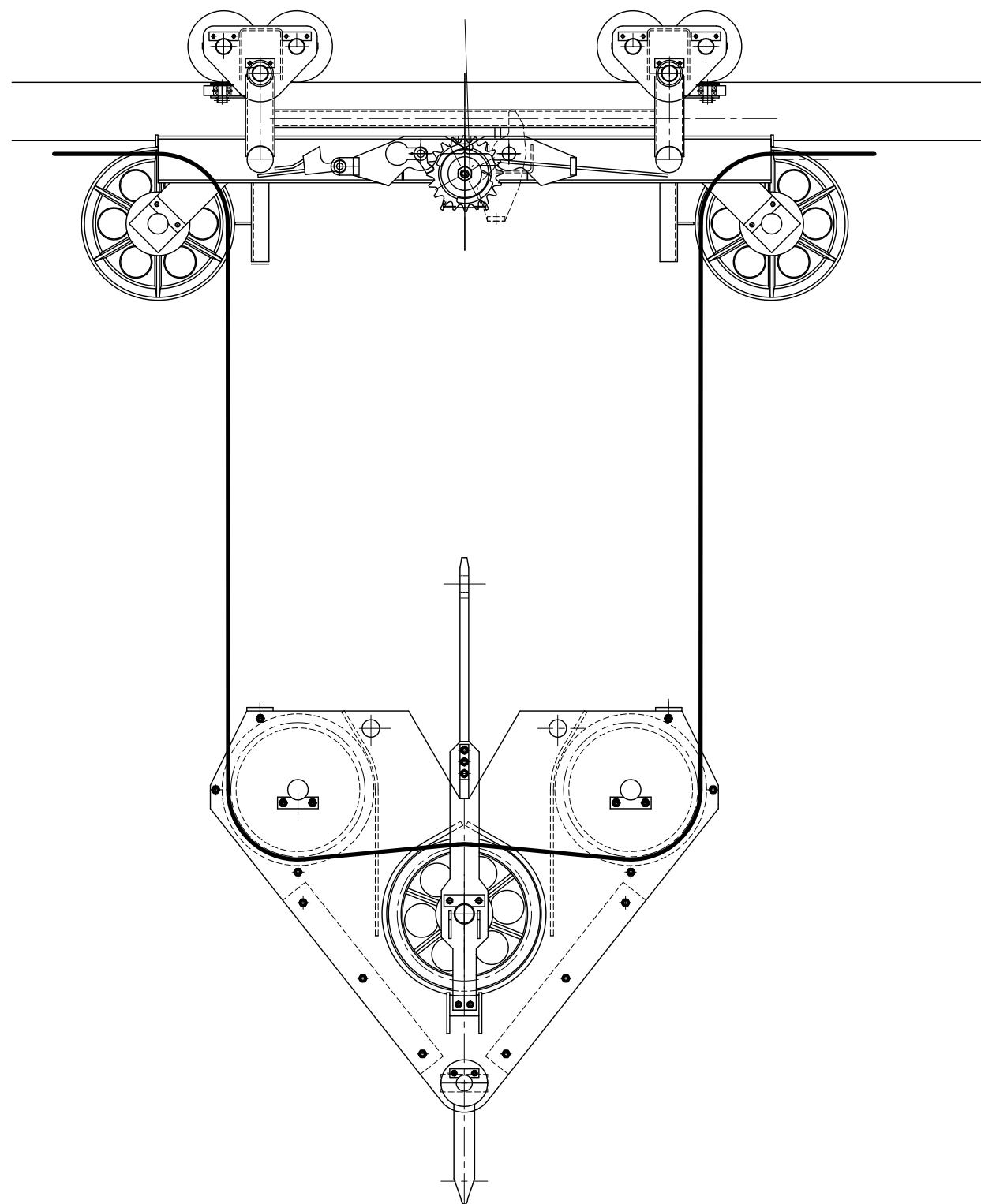
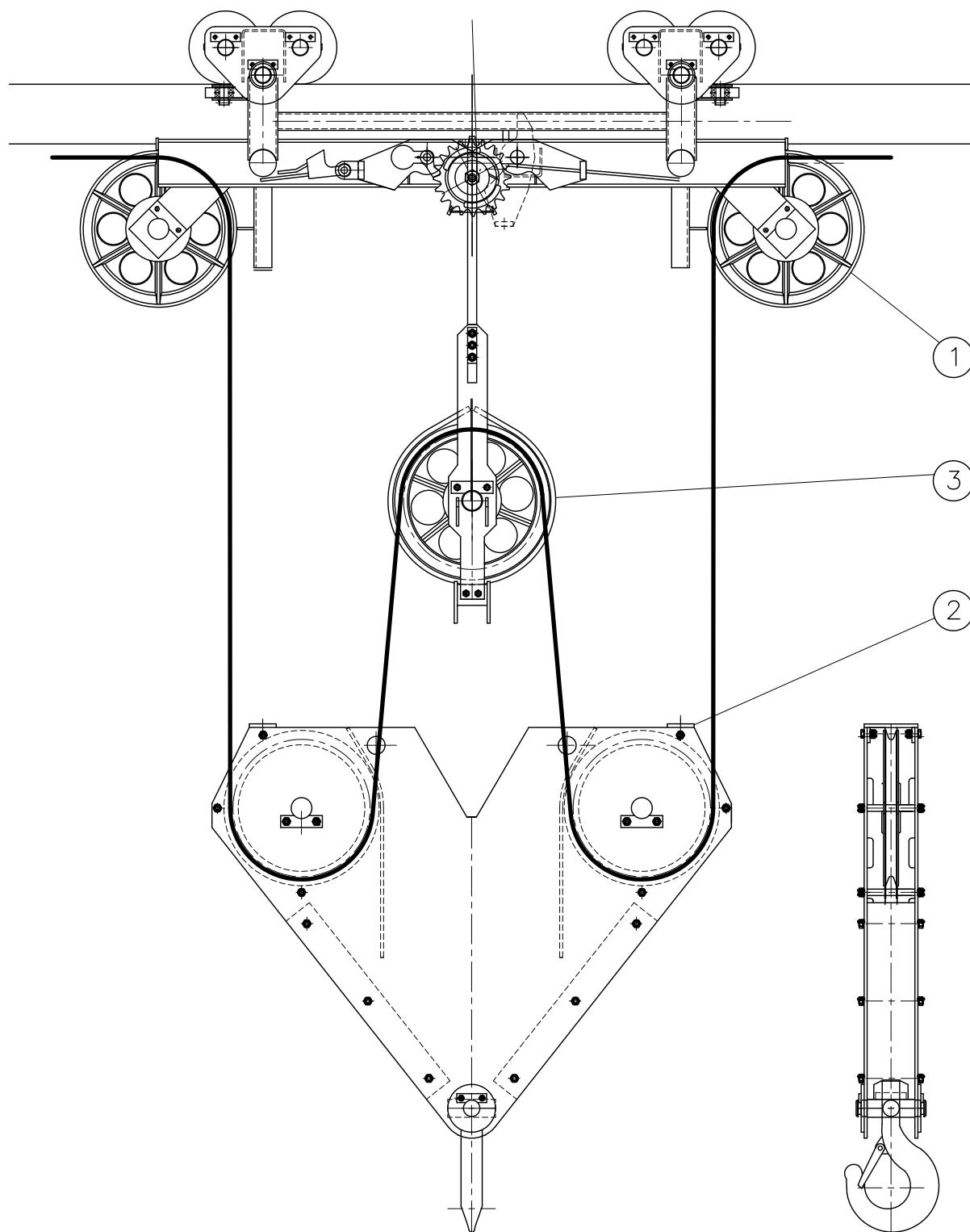
Pos Nr.	Tegning Nr.	Titel		Længde	Type-Kvalitet	Stk	Vægt stk	Vægt total	Bemærkninger
KONST.: 971008-JR			KRANTYPE	STK.	SAML. TEGN.				
TEGN.:			K320	1	43002				
GODK.:									
ERSTATTER:		SKALA:	OVERF. AREAL:	OVERFLADE-BEHANDLING:			MATR.:		
		1:10	m ²				DIM.:		
ERSTATTET AF:		TOTALVÆGT:		ANT. TEGNING.:			ANT. STYKL.:		
		ca. 360 kg		K320 Trolley winch assembly					
OPRINDELSE:		TRANSPORTMÅL:							
		m ³							
		KRØLL CRANES A/S		TEGN. NR. C3-06.00043041-00					
NORDKRANVEJ 2 DK-3540 LYNØ									
PHONE: +45 48 18 74 00 FAX: +45 48 18 88 07									



KRØLL CRANES A/S

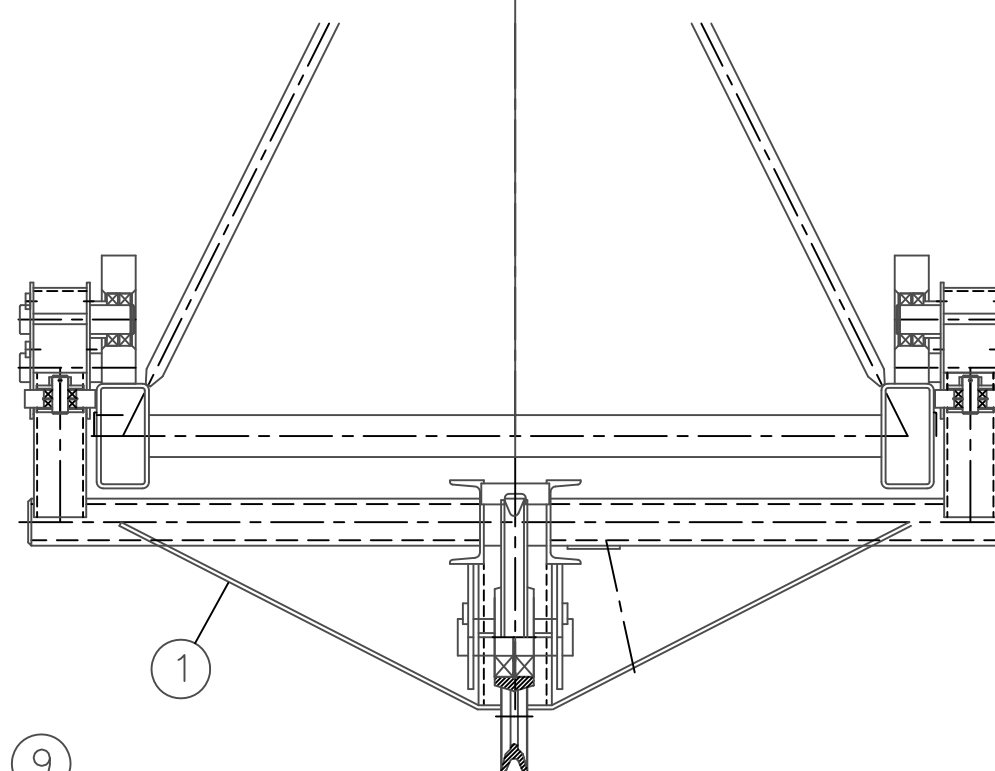
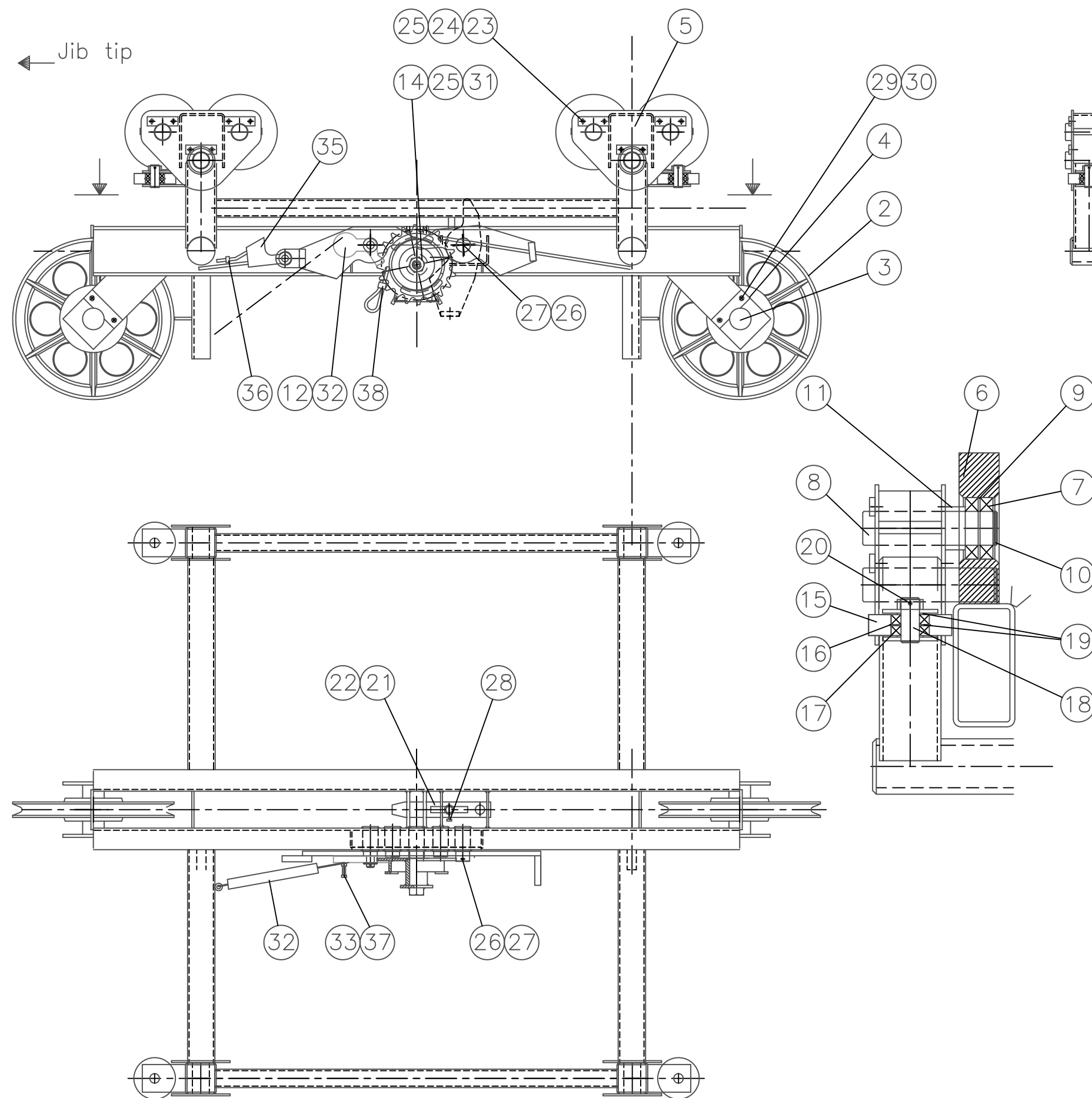
NORDKRANVEJ 2 DK-3540 LYNGBE
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3	C2-06.00043023	Intermediate block				1		74	
2	C1-06.00043022	Hook block assembly				1		570	
2	C1-06.00043021	Trolley assembly				1		464	
Pos	Tegning Nr.	Titel	Længde	Type	Kvalitet	Stk	Vægt stk	Vægt Total	Bemærkninger
KONST.: 971027-JR		PROJ.	KRANTYPE	STK.	SAML. TEGN.				
TEGN.:			K320	1					
GODK.:									
ERSTATTER:		SKALA:	OVERF. AREAL	OVERFLADE-BEHANDLING:			MATR.:		
		1:10	m ²				DIM.:		
ERSTATTET AF:		TOTALVÆGT:	1108 kg	ANT. TEGNING.:			ANT. STYKL.:		
OPRINDELSE:		TRANSPORTMÅL:	m ³	TITEL					
				K320 hook/trolley assembly					
 KRIELL CRANES A/S NORDKRANVEJ 2 DK-3540 LYNØE PHONE: +45 48 18 74 00 FAX: +45 48 18 88 07				TEGN. NR.					
				C1-06.00043020-00					

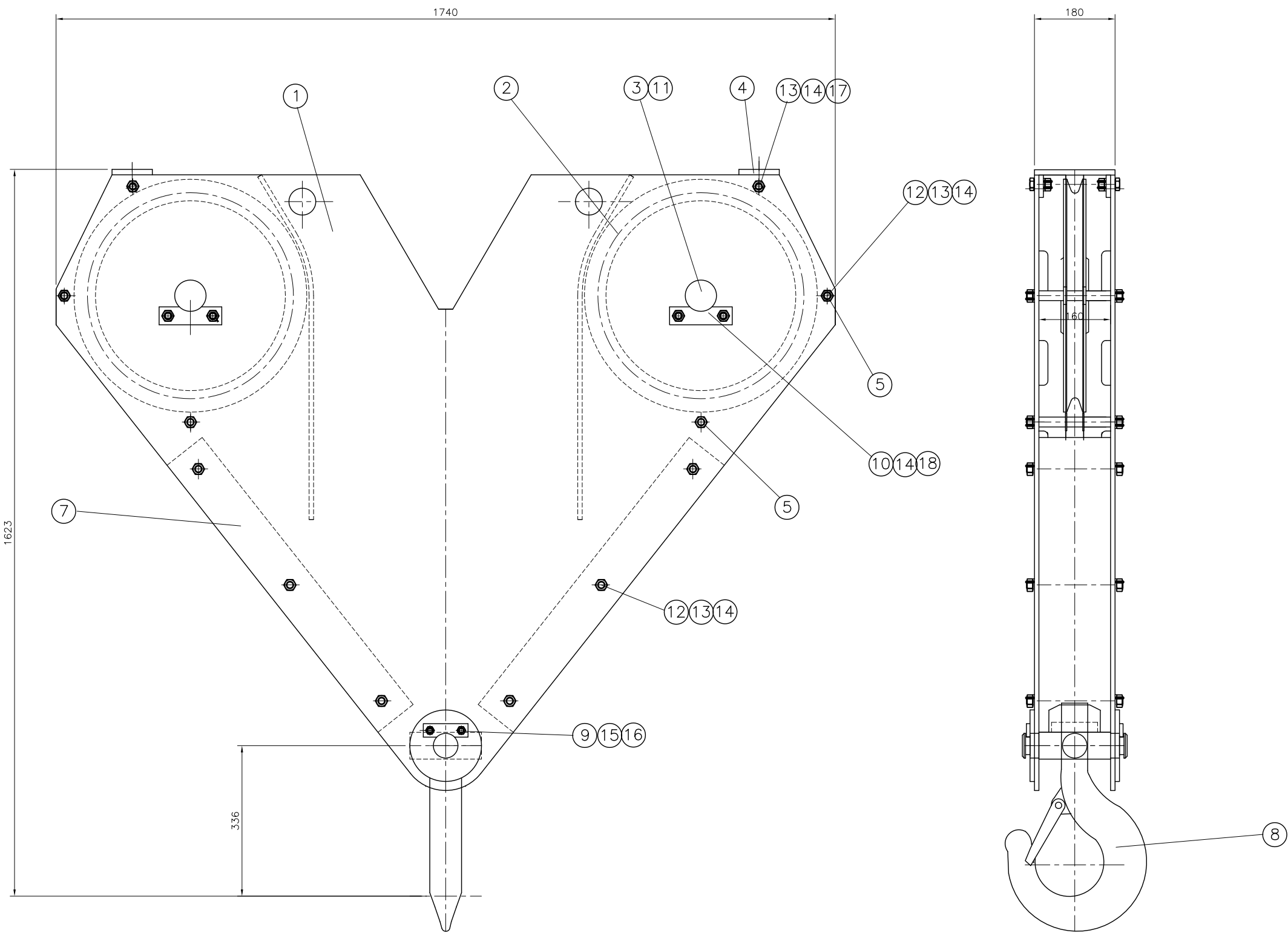
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38	32.00000505	Wire lock 3/8"			1			
37	42.11500010	Nut M10		8 fzb	2			
36	32.00099011	Iron grip BG M10			3	0.3	1	
35	32.00099201	Wedge socket		CL-3/8	1		1	
34	C4-43.00043299	Bushing	42.8		4	0.35	1.4	
33	42.11110060	Bolt M10	60	8.8 fzb	1			
32	C4-38.00043313	Spring	500		1		0.5	
31	42.10212040	Insex bolt M12	40	8.8 fzb	1			
30	42.81900016	Washer M16		HB200 fzb	8			
29	42.11106025	Bolt M16	25	8.8 fzb	8			
28	42.11106020	Bolt M6	20	8.8 fzb	1			
27	38.89408080	Cotter ?8	80		1			DIN 94
26	42.81900045	Washer M45		fzb	1	0.2	0.4	DIN 125
25	42.81900012	Washer M12		HB 200 fzb	33			
24	42.11112020	Bolt M12	20	8.8 fzb	32			
23	C4-40.00037163	Lock Plate	100		12	0.1	1.6	
22	C3-41.00040819	Handle			1		1	
21	C3-41.00040818	Shaft			1		5	
20	38.89405050	Cotter ?5	50		4		0	DIN 94
19	36.75080013	Washer		SS 30x42x2.5	12		0.1	DIN 988
18	C4-41.00043312	Axle/shaft ?30	75		4	0.4	1.6	
17	36.10006206	Bearing ?30/?62		6206 2RS	8	0.16	1.5	
16	53.00100062	Seegerring		J62x2	4		0.0	DIN 472
15	C3-27.00043311	Guide wheel			4	0.5	2	
14	C2-52.00043308	Drum for trolley winch			1		7.5	
13	C2-06.00043309	Safety device for trolley rope			1		12.8	
12	C3-06.00043310	Lock device			1		1.8	
11	C4-43.00043305	Bushing	32		8	0.2	1.6	
10	53.00200055	Seegerring		A55x2	8	0.01	0.1	DIN 471
9	53.00100100	Seegerring		J100x3	8	0.04	0.3	DIN 472
8	C3-41.00043304	Axle/shaft ?55	218		12	4	48	
7	36.10006211	Bearing ?55/?100		6211 2RS	16	0.6	9.6	
6	C3-27.00043300	Trolley wheel			8	3	24	
5	C2-06.00043301	Bogie			4	9.5	38	
4	C3-40.00020817	Lock plate	140		4	0.5	2	
3	C3-41.00043294	Shaft ? 70	180		2	7.5	15	
2	C3-31.00041516	Rope Pulley			2	29	58	
1	C1-06.00043290	Trolley Frame			1		228	

Pps Nr.	Tegning Nr.	Tegning Nr.		Titel		L?ngde	Type—Kvalitet	Stk	V?gt stk	V?gt total	Bem?rkninger
KONST.: 971023—JR	PROJ.		KRANTYPE	STK.	SAML. TEGN.						
TEGN.:			K320	1							
GODK.:											
ERSTATTER:		SKALA:	OVERF. AREAL:	OVERFLADE—BEHANDLING:				MATR.:			
		1: 10	m ²					DIM.:			
ERSTATTET AF:		TOTALV?GT:		ANT. TEGNING.:				ANT. STYKL.:			
		464 kg		TITEL							
OPRINDELSE:		TRANSPORTM?L:		Trolley							
		m ³									
		KR?LL CRANES A/S									
		NORDKRANVEJ 2 DK—3540 LYNGE PHONE: +45 48 18 74 00 FAX: +45 48 18 88 07		TEGN. NR. C2—06.00043021—00							

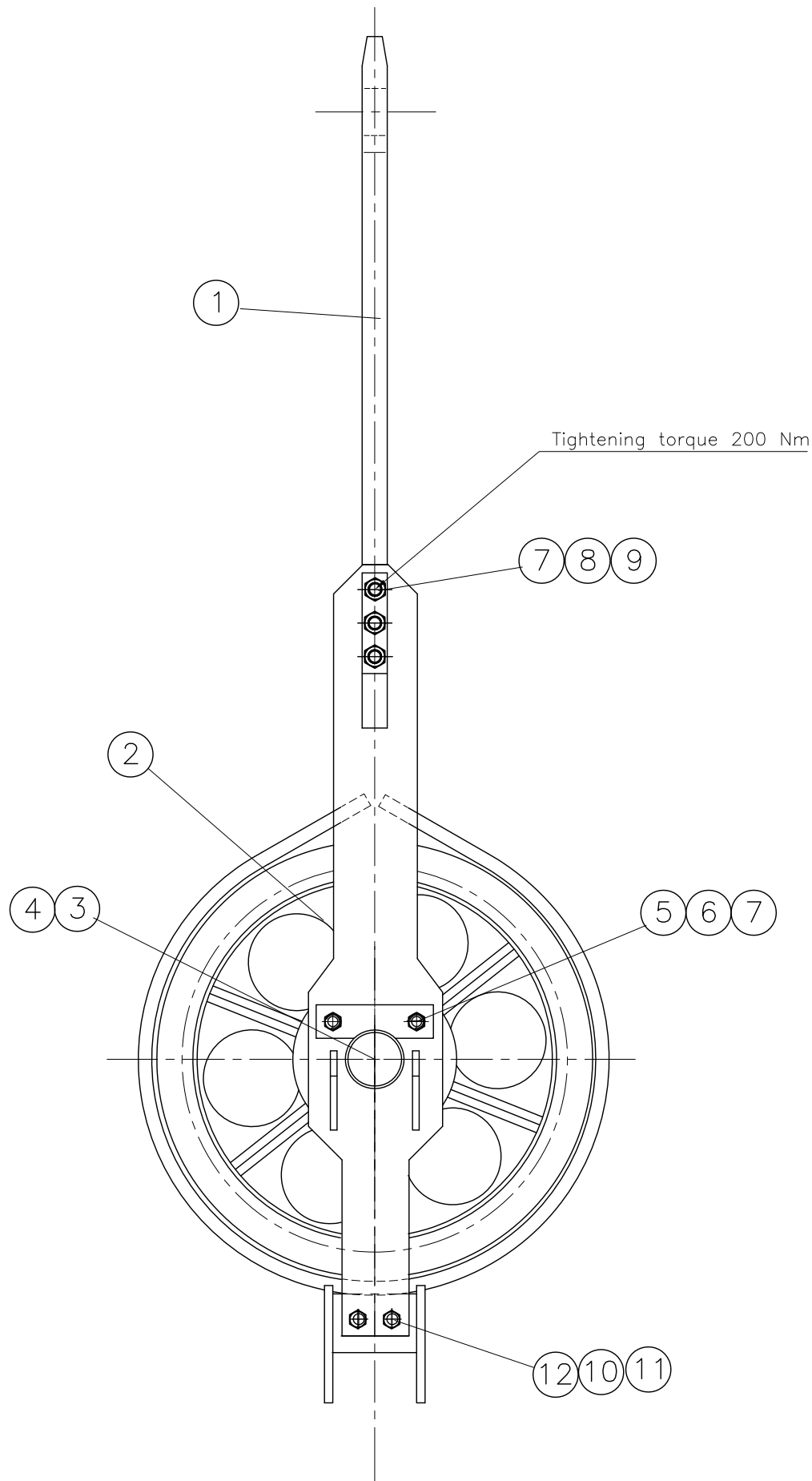
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18	42.11116025	Bolt M16	25	8.8 fzb	4				
17	42.11116040	Bolt M16	40	8.8 fzb	4				
16	42.81900012	Washer 12		HB200 fzb	4				
15	42.11112025	Bolt M12	25	8.8 fzb	4				
14	42.81900016	Washer 16		HB200 fzb	22				
13	42.11500016	Nut M16		8 fzb	14				
12	42.11116200	Bolt M16	200	8.8 fzb	12	0.4	5		
11	C4-43.00043299	Bushing	42.8		4	0.35	1		
10	C4-40.00020817	Lock plate			4	0.5	2		
9	C4-40.00037163	Lock plate			2	0.2	1		
8	1-33.00043298	Hook 16t SCN 10		DIN 15411	1		55		
7	C3-06.00043297	Ballast block			2	95	190		
6									
5	C3-06.00043296	Wire guide			4	0.2	1		
4	C3-58.00043295	Top fittings			2	2.3	5		
3	C3-41.00043294	Shaft Ø70	160		2	7.5	15		
2	C3-31.00041516	Hoist rope pulley			2	29	58		
1	C1-06.00043291	Hook block plate			2	119	238		

Proj.	Tegning Nr.	Titel	Langde	Type	Kvalitet	Stk	Vægt stk	Vægt total	Bemærkninger
KONST.: 971015 JR	PROJ.	KRANTYPE	STK.	SAML.	TEGN.				
TEGN.:		K320	1						
GODK.:									
ERSTATTER:	SKALA:	OVERF.	AREAL:	OVERFLADE-BEHANDLING:	MATR.:				
	1:5		m ²						
ERSTATTET AF:	TOTALVÆGT:			ANT. TEGNING:	ANT. STYKL.:				
	570 kg								
OPRINDELSE:	TRANSPORTMÅL:		m ³	TITEL					
				Hook block assembly					
 KRØLL CRANES A/S NORDKRANVEJ 2 DK-3540 LYNGBE PHONE: +45 46 18 74 00 FAX: +45 46 18 86 07									TEGN. NR. C1-06.00043022-00

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12	42.81900012	Washer 12		HB200 fzb	4				
11	42.11500012	Nut M12		8.fzb	4				
10	42.11112040	Bolt M12	40	8.8 fzb	4				
9	42.11500016	Nut M16		8.fzb	3				
8	42.11116220	Bolt M16	220	8.8 fzb	3				
7	42.81900016	Washer 16		HB 200 fzb	10				
6	42.11116020	Bolt M16	20	8.8 fzb	4				
5	C4-40.00020817	Lock plate	140		2	0.5	1		
4	C4-43.00041555	Bushing ?70	2.8		2				
3	C3-41.00043293	Shaft ?70x96			1		5		
2	C3-31.00041516	Hoist rope pulley			1		30		
1	C1-06.00043292	Intermediate block			1		36		

Pos Nr	Tegning Nr.	Titel	L?ngde	Type-Kvalitet	Stk	V?gt stk	V?gt total	Bem?rkninger
KONST.: 971015 JR	PROJ.	KRANTYPE	STK.	SAML. TEGN.				
TEGN.:		K320	1					
GODK.:								
ERSTATTER:	SKALA:	OVERF. AREAL:	OVERFLADE-BEHANDLING:	MATR.:				
	1: 5	m ²		DIM.:				
ERSTATTET AF:	TOTALV?GT:	72 kg	ANT. TEGNING.:	ANT. STYKL.:				
OPRINDELSE:	TRANSPORTM?L:	m ³	TITEL	Intermediate block assembly				
				TEGN. NR.	C2-06.00043023-00			



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A

B

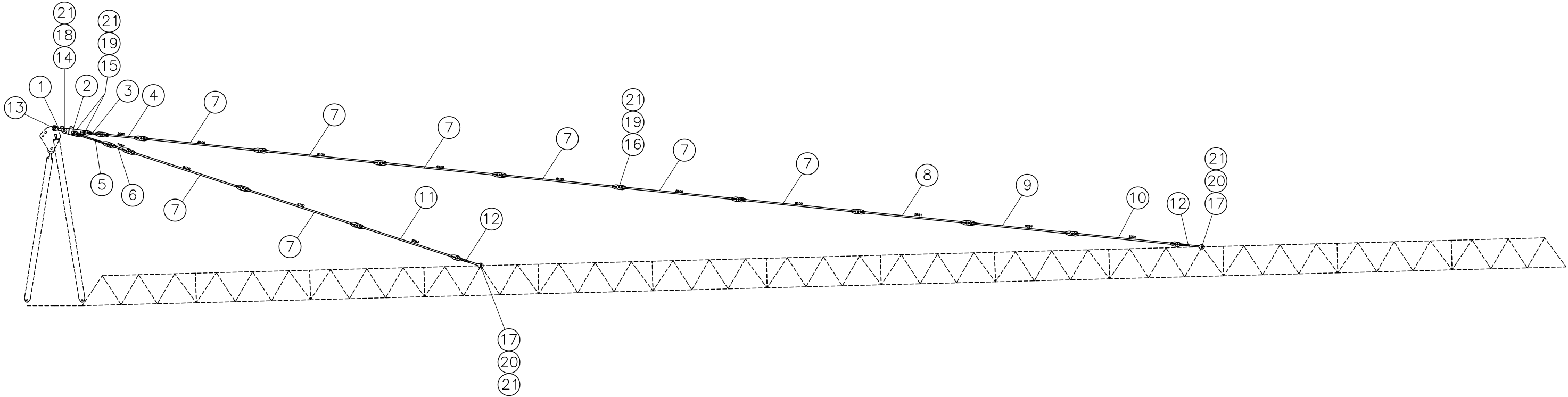
C

D

E

F

G



21	C4-38.00017978	Safety pin				21		2	
20	C4-47.00043093	Washer Ø150/Ø92				2		1	
19	C4-47.00017807	Washer Ø130/Ø2				18		3	
18	C4-47.00043190	Washer Ø150/102				1		1	
17	C4-45.00043186	Cotter bolt Ø90x215				2	13	26	
16	C4-45.00043185	Cotter bolt Ø80x95				16	6	96	
15	C4-45.00043188	Cotter bolt Ø80x135				2	7.5	15	
14	C4-45.00043189	Cotter bolt Ø100x135				1		12	
13	C4-45.00043184	Cotter bolt Ø100x145				1		14	
11	C3-09.00043174	5.364 m Front stay				1		195	
12	C3-09.00043179	1.25 m Front stay (jib)				2	82	164	
10	C3-09.00043173	5.375 m Front stay				1		196	
9	C3-09.00043172	5.297 m Front stay				1		193	
8	C3-09.00043171	5.641 m Front stay				1		204	
7	C3-09.00043170	6.100 m Front stay				8	216	1728	
6	C3-09.00043176	1.022 m Front stay				1		64	
5	C3-09.00043178	1.900 m Front stay				1		92	
4	C3-09.00043175	2.0 m Front stay spc. inner				1		94	
3	C3-09.00043177	0.9 m Front stay spc. outer				1		62	
2	C3-09.00043181	Front stay connector				1		128	
1	C3-09.00043180	0.500 m Top front stay				1		61	

Rpt Tegning Nr.		Titel		Længde		Type	Kvalitet	Stk	Vægt stk	Vægt total	Bemærkninger
KONST.: 971021 JL		PROJ.		KRANTYPE		STK.	SAML.	TEGN.			
TEGN.:				K320							
GODK.:											
ERSTATTER:		SKALA:	OVERF.	AREAL:	OVERFLADE-BEHANDLING:		MATR.:				
		1:100		m ²							
ERSTATTET AF:		TOTALVÆGT:		3351 kg		ANT. TEGNING.:		ANT. STYKL.:			
OPRINDELSE:		TRANSPORTMÅL:		m ³		TITEL					
						Stay assembly 63-69-75 m jib					
		NORDKRANVEJ 2 PHONE: +45 48 18 74 00		DK-3540 LYNGE FAX: +45 48 18 88 07		TEGN. NR.		C1-09.00043010-00			

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A

B

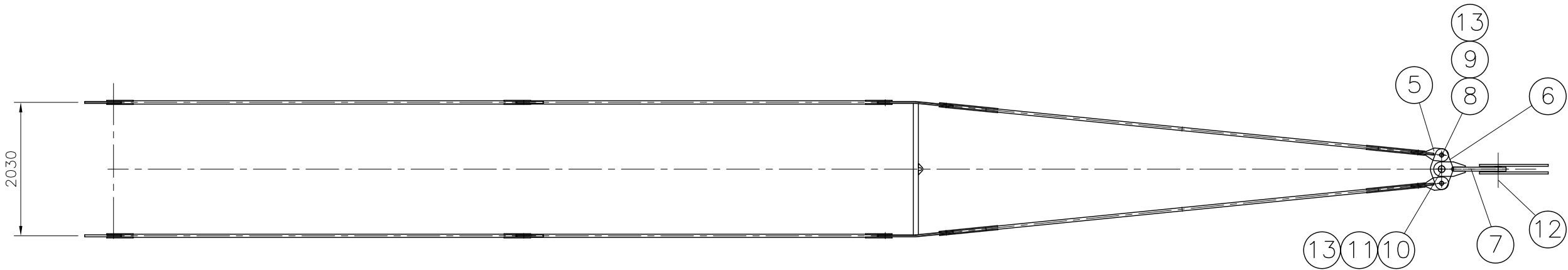
C

D

E

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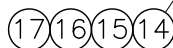
G



13	C4-38.00017978	Safety pin				13		1		
12	C4-45.00043184	Cotter bolt Ø100x145				1		14		
11	C4-47.00043190	Washer Ø150/102				1		1		
10	C4-45.00043189	Cotter bolt Ø100x135				1		12		
9	C4-47.00043211	Washer Ø100/62				12		2		
8	C4-45.00043209	Cotter bolt Ø60x85				12	3	36		
7	C3-09.00043204	Taggle joint				1		104		
6	C3-09.00043205	Balance plate				1		42		
5	C3-09.00043208	Rear stay link				2	24	48		
4	C3-09.00043203	7.215 m Rear stay				2	186	372		
3	C2-09.00043202	Rear stay frame				1		77		
2	C3-09.00043201	5.50 m Rear stay				2	127	254		
1	C3-09.00043200	6.24 m Rear stay				2	142	284		
Pos Nr.	Tegning Nr.	Titel	Længde	Type-Kvalitet	Stk	Vægt stk	Vægt total	Bemærkninger		

KONST.: 971021 JL	PROJ.	KRANTYPE	STK.	SAML.	TEGN.			
TEGN.:								
GODK.:								
ERSTATTER:	SKALA:	OVERF. AREAL:	OVERFLADE-BEHANDLING:	MATR.:				
	1: 50	m ²		DIM.:				
ERSTATTET AF:	TOTALVÆGT:	ANT. TEGNING.:	ANT. STYKL.:					
	1247 kg							
OPRINDELSE:	TRANSPORTMÅL:	TITEL						
	m ³							
 KRØLL CRANES A/S NORDKRANVEJ 2 DK-3540 LYNØE PHONE: +45 48 18 74 00 FAX: +45 48 18 88 07				Rear stays assembly 22 m counterjib				
				TEGN. NR.	C2-09.00043016-00			

G



Pos	Tegning Nr.	Titel		L'ngde	Type-Kvalitet	Stk	V'gt kg	V'gt ton	Bem'rkninger
KONST.: 971217 ML	PROJ.	KRANTYPE	STK	SAML. TEGN.					
TEGN.:		K320	1	C1--00.43001					
GODK.:									
ERSTATTER:	SKALA:	OVERF. AREAL:	OVERFLADE-BEHANDLING:				MATR.:		
	1:50	m ²					DIM.:		
ERSTATTET AF:	TOTALV'GT:	130 kg	ANT. TEGNING.:		ANT. STYKL.:				
			TITEL						
OPRINDELSE:	TRANSPORTM'L:	m ³	Stay erection All jibs and 22 m counterjib						
			TEGN. NR.						
NORDKRANVEJ 2 PHONE: +45 48 18 74 00			DK-3540 LYNGE FAX: +45 48 18 85 07						
C1-09.00043036-C									