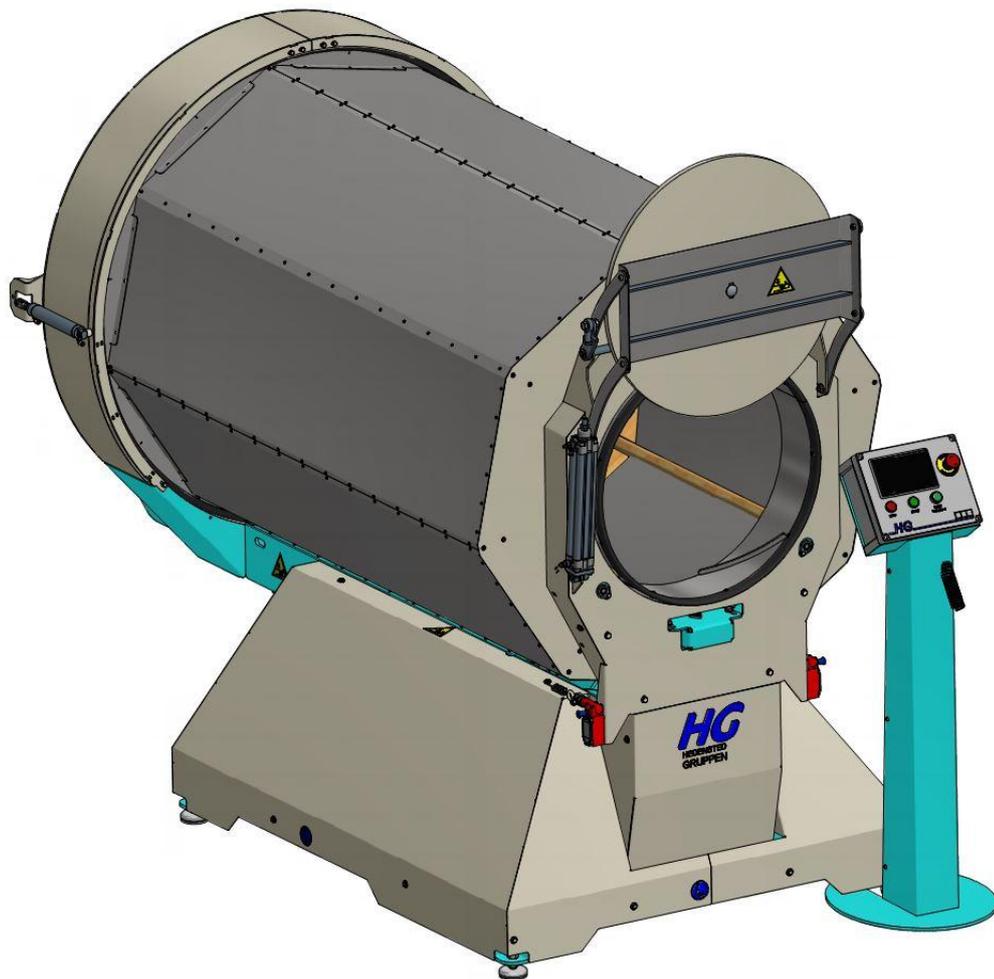


HG

SPARE PARTS

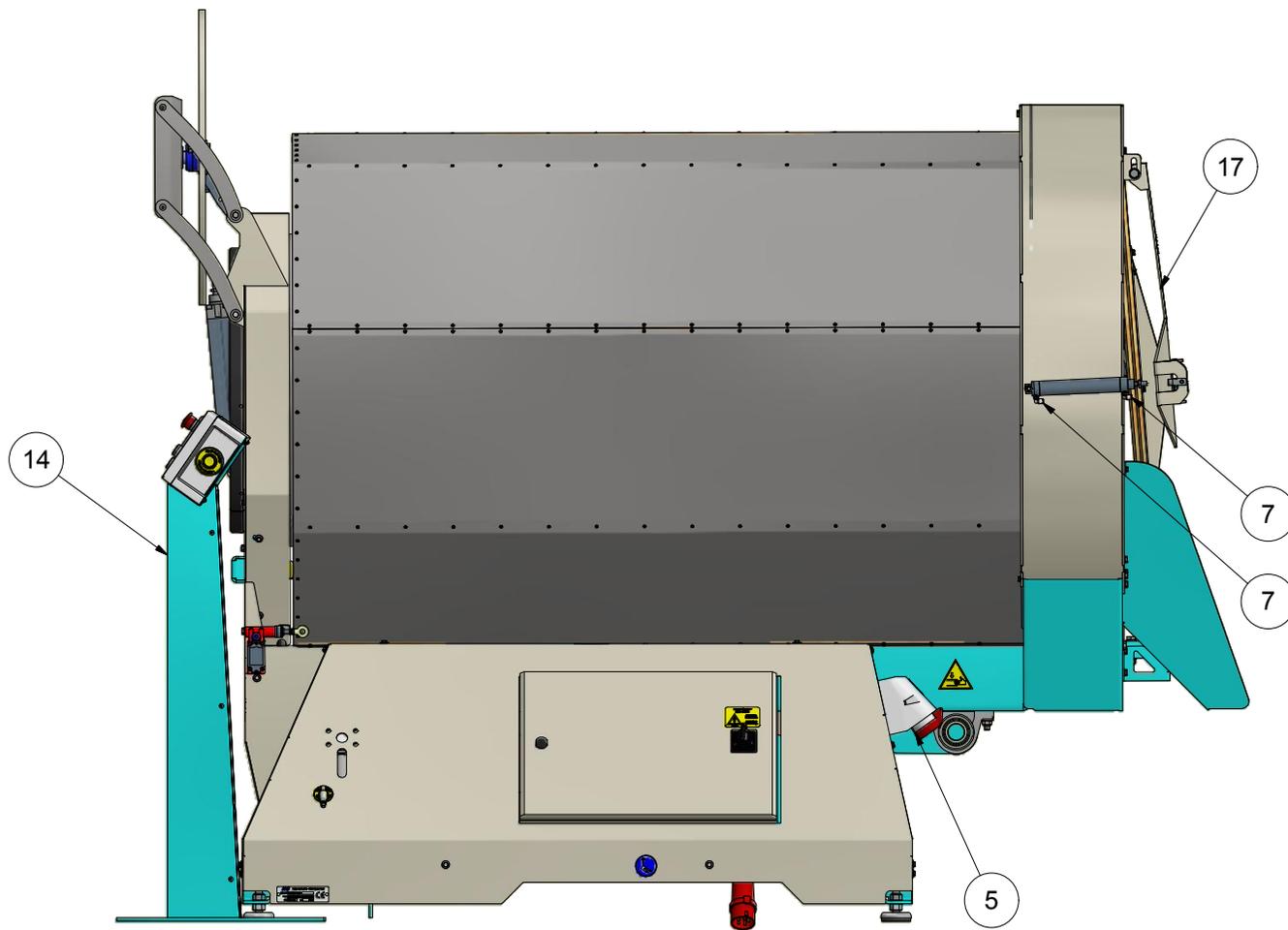


Skin drum 16

Model 2017

1. Table of contents.

1. Table of content.
2. Spare parts.
3. Air diagrams.
4. Electric diagrams.

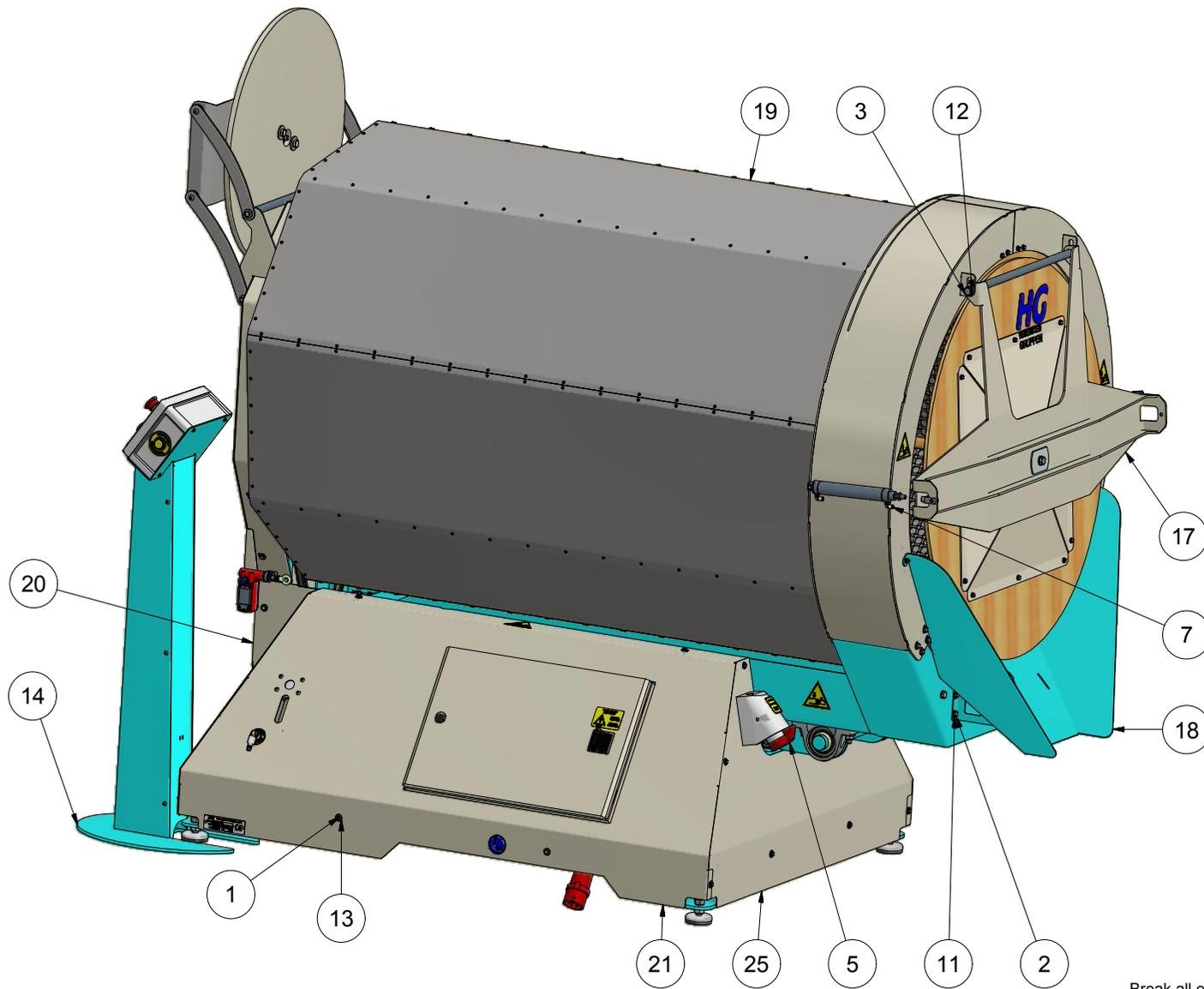


PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	36	11406010	Hexagon bolt M6x10 FZB
2	4	11408016	Hexagon bolt M8x16 FZB
3	2	11412035	Hexagon bolt M12x35 FZB
4	4	17908000	Self-locking nut M8 FZB
5	1	197504	CEE Wall socket 5P/16A/400V
6	2	19767	HG Logo - big 205x108mm
7	4	215730	Elbow swirvel Ø6 x 1/8"t
8	1	600460	Cable gland M16 Ø2,5-8
9	1	600470	Cable gland nut polyamid M16
10	10	82106000	Washer M6 FZB
11	8	82108000	Washer M8 FZB
12	2	82112000	Washer M12 FZB
13	26	82606000	Washer Ø6,4x18x1,6 FZB
14	1	M101472	Control tower
15	1	M102004	Stickers for Skindrum
16	1	M102077	Shaft for gate
17	1	M102079	Gate assembly
18	1	M102084	Funnel for exit
19	1	M102089	Skind drum Subassembly
20	1	M102096	Motor cover
21	1	M102101	Right cover assembly
22	1	M102103	Left side cover
23	1	M102106	Foot cover end
24	1	M102107	Foot cover end
25	1	M102108	Foot - End cover

Break all edges

The information on this drawing is subject to change without notice. It is not to be used for manufacturing purposes. HEDENSTED GRUPPEN A/S	Scale:	Not specified tolerance according to:	Sheet size:
	1 : 12	DS/ISO 2768-m	A3
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	No		1 / 3
Part No.:	Material:		
190069			
Description 1:	HG skin drum 16		
Description 2:	Selfemptying Hair/leather		

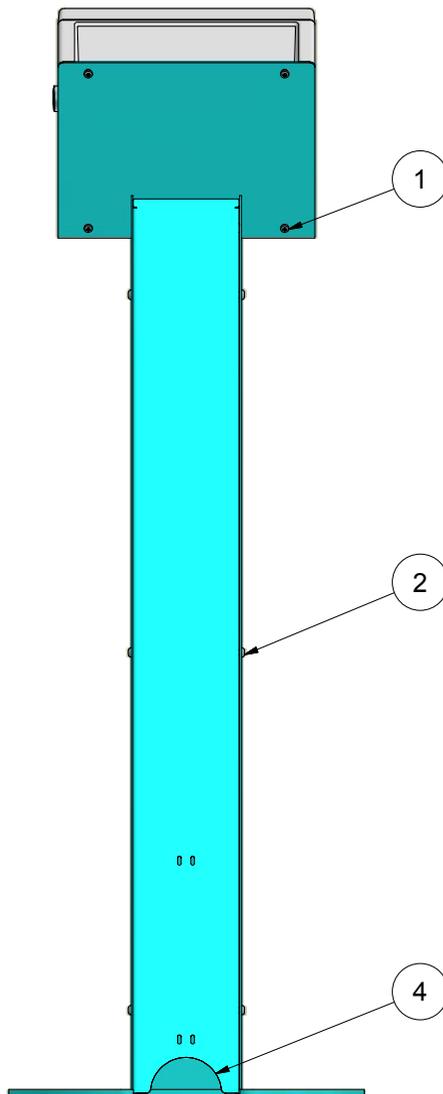
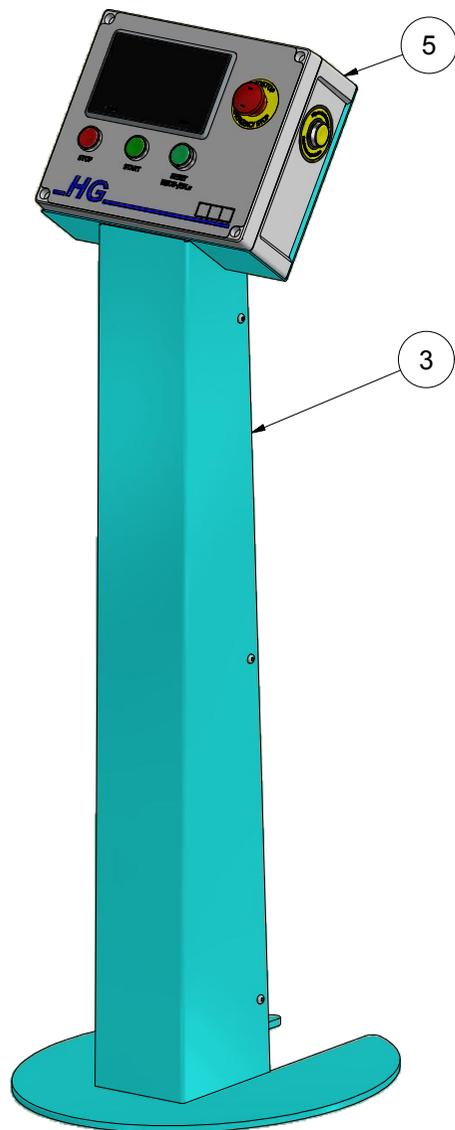
Revision:	Approved	Date:	Revision Description
2	MBO	20-03-2017	11408025 changed to 11408016



Break all edges

The information on this drawing is the property of HEDENSTED GRUPPEN AS. It is not to be copied or disclosed to any third person.			Scale:	Not specified tolerance according to:	Sheet size:	
			1 : 12	DS/ISO 2768-m	A3	
				Surface properties:	No	Sheet:
					2 / 3	
Part No.:			Material:			
190069						
Description 1:						
HG skin drum 16						
Description 2:						
Selfemptying Hair/leather						

Revision:	Approved	Date:	Revision Description
2	MBO	20-03-2017	11408025 changed to 11408016



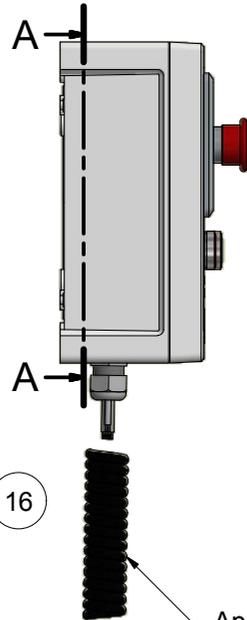
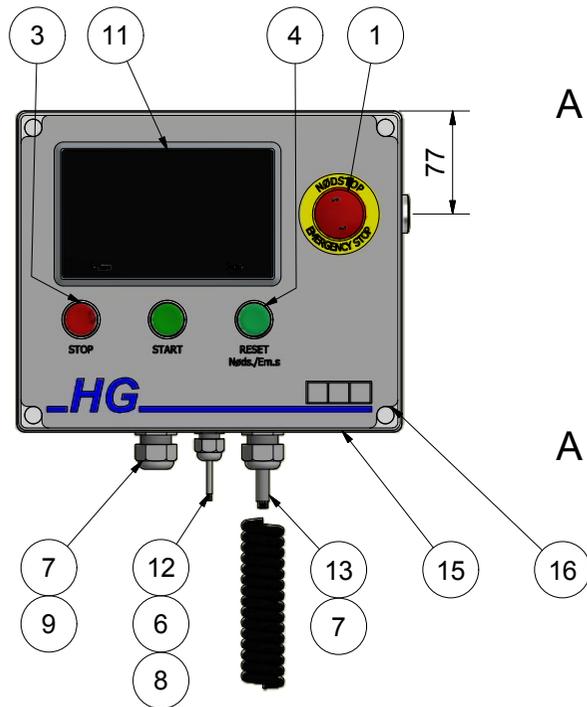
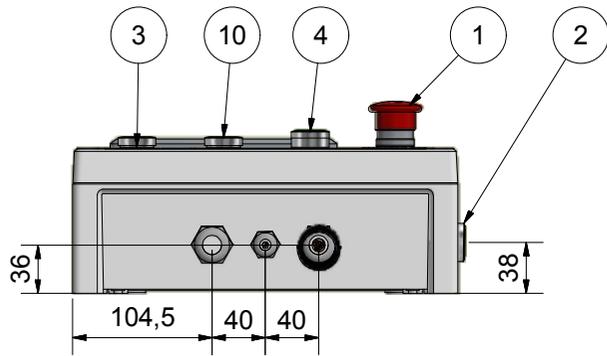
PARTS LIST

ITEM	QTY	PART NUMBER	DESCRIPTION
1	4	140872	Wood screw pan head 5 x 16
2	6	76006012	Buttonhead bolt M6x12 FZB
3	1	M101468	Consol for EI box
4	1	M101471	Lidt for consol
5	1	M102556	Control box Skin Drum 16

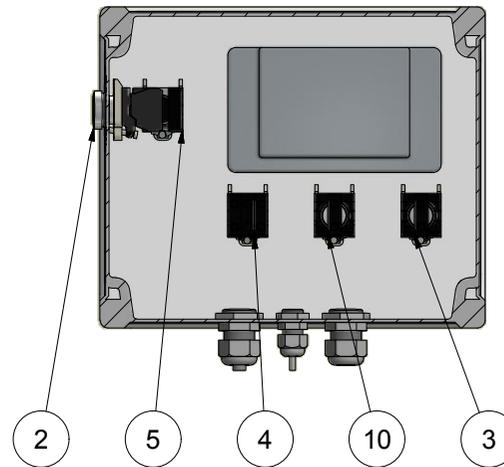
Breake all edges

<small>Alle afmetingen zijn in millimeters tenzij anders is vermeld. Het is niet toegestaan te kopiëren of te verspreiden. Het is niet toegestaan te verspreiden of te kopiëren.</small> HEDENSTED GRUPPEN A/S	HG	Scale:	Not specified tolerance according to:	Sheet size:
	<small>HEDENSTED GRUPPEN</small>	1 : 6	DS/ISO 2768-m	A3
	Part No.:	Material:	Surface properties:	Sheet:
	M101472		No	1 / 1
Description 1:		Control tower		
Description 2:				

Revision:	Approved	Date:	Revision Description
2	MBO	21-03-2017	Display Box changed



A-A (1 : 4)



Apply spiral pipe to all external cables and wires

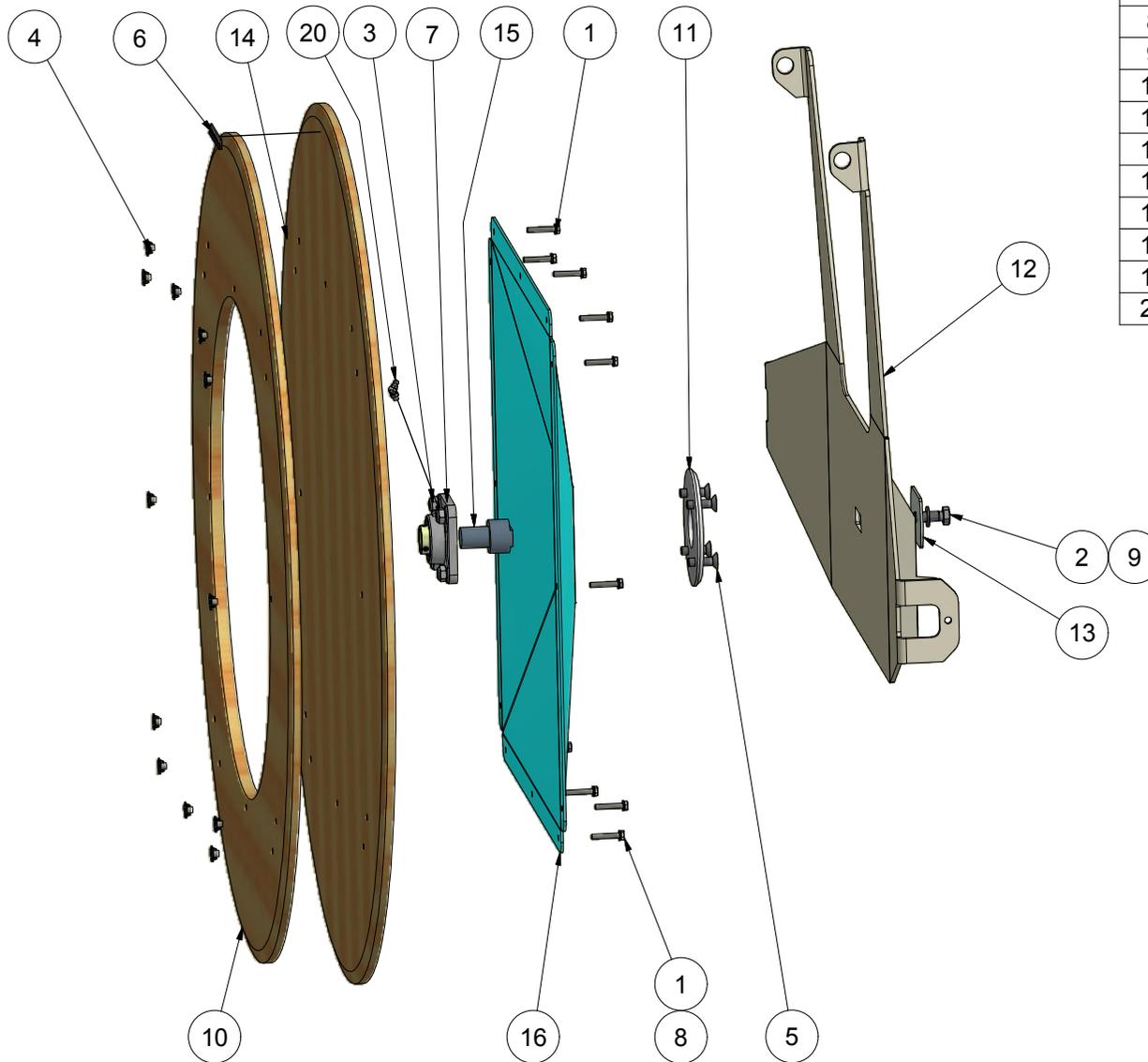
PARTS LIST

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	600100	Push button Emergency stop
2	1	600335	Push button yellow 1NO XB4BA51
3	1	600345	Push button red 1NC XB4BA42
4	1	600350	Push button green/light 1NO+1NC XB4BW33B5
5	1	600375	Switch block ZB4BZ104 2NC
6	1	600460	Cable gland M16 Ø2,5-8
7	2	600465	Cable gland M25 Ø7-14
8	1	600470	Cable gland nut polyamid M16
9	2	600480	Cable gland nut polyamid M25
10	1	600788	Push button green 1NO XB4BA31
11	1	600924	Panel, touch 5" X2 Base 5 - F2
12	5,0 m	601000	Cable OZ 2x0,75mm² PVC
13	5,0 m	601005	Cable JZ 12x0,75mm² PVC
14	1	M101707	Cable Ethernet - 5m
15	1	M102555	Electric box 289Lx239Wx107D
16	1	M102595	Label for Skin Drum 16 with 5" panel
17	1	M102715	Mounting electric box for skindrum 16

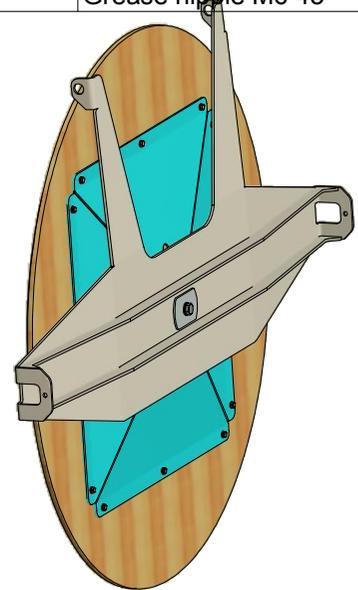
Break all edges

This drawing is the property of HEDENSTED GRUPPEN AS. It is not to be copied, reproduced or disseminated to any third parties.		Scale:	1 : 4	Not specified tolerance according to:	DS/ISO 2768-m	Sheet size:	A3
	HEDENSTED GRUPPEN AS Part No.: M102556		Material:	Surface properties:	No	Sheet:	1 / 1
	Description 1: Control box Skin Drum 16						
	Description 2:						

Revision:	Approved	Date:	Revision Description
2	KKS	13-06-2017	Updated Part List



PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	12	11406035	Hexagon bolt M6x35 FZB
2	1	11412035	Hexagon bolt M12x35 FZB
3	4	17910000	Self-locking nut M10 FZB
4	12	19206000	Drive in nut M6 FZB
5	4	20410035	Hexagon countersunk head M10x35 FZB
6	3,3 m	41592	Sealing strip
7	1	473089	Y-Bearing flange Ø25
8	12	82106000	Washer M6 FZB
9	1	82112000	Washer M12 FZB
10	1	M102063	Inne Plate for ring
11	1	M102076	Support spacer
12	1	M102078	Lid for gate
13	1	M102085	Washer for shaft
14	1	M102092	Lid for output
15	1	M102093	Shaft for lid
16	1	M102097	Lid press
20	1	426392	Grease nipple M6 45°



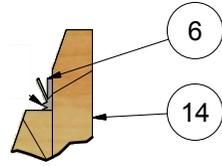
Revision:	Approved	Date:	Revision Description
3	KM	31-05-2017	Added 45 gr. nipple

Break all edges

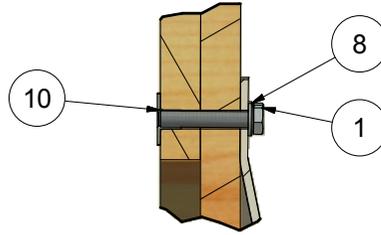
 HEDENSTED GRUPPEN A/S	Scale:	Not specified tolerance according to:	Sheet size:
	1 : 6	DS/ISO 2768-m	A3
		Surface properties:	Sheet:
Part No.:	Material:		1 / 2
M102079			
Description 1:	Gate assembly		
Description 2:			

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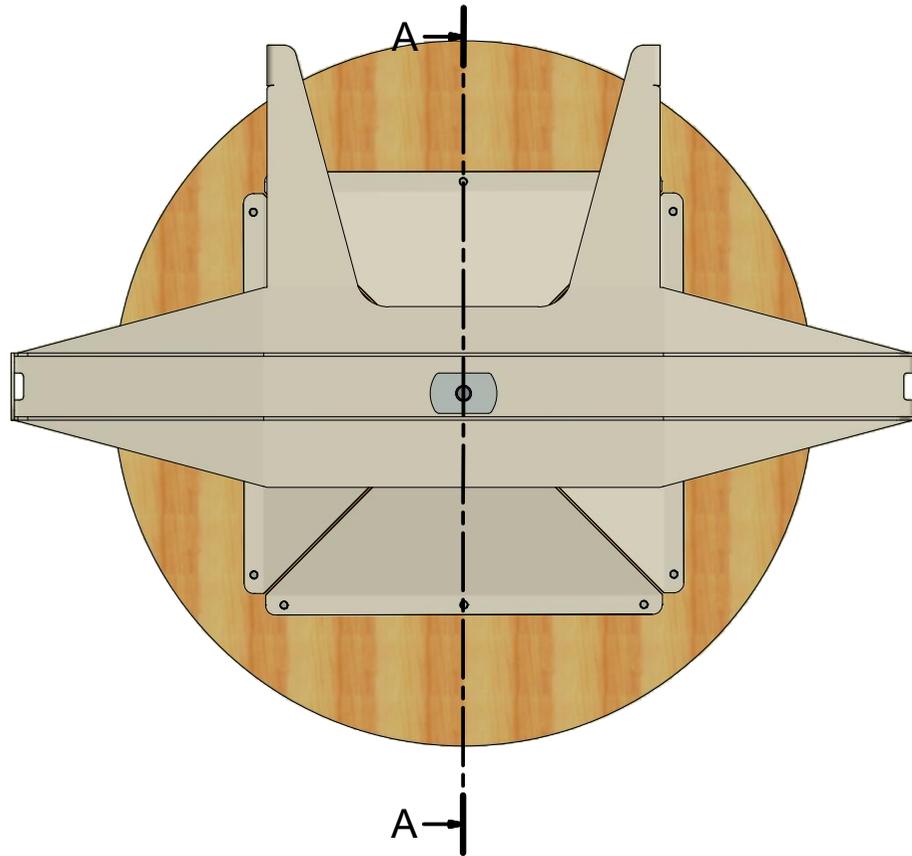
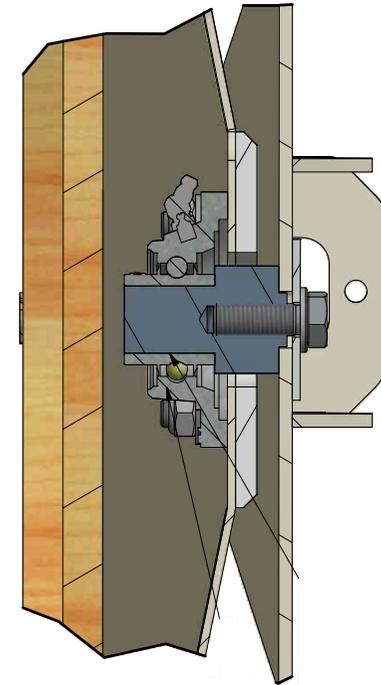
D (1:2)



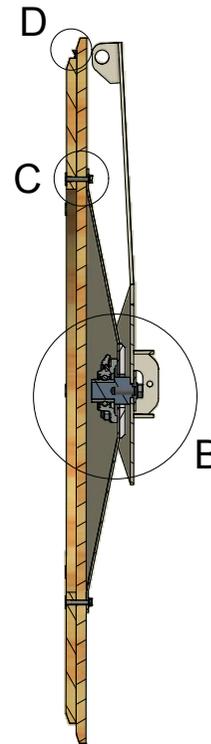
C (1:2)



B (1:2)



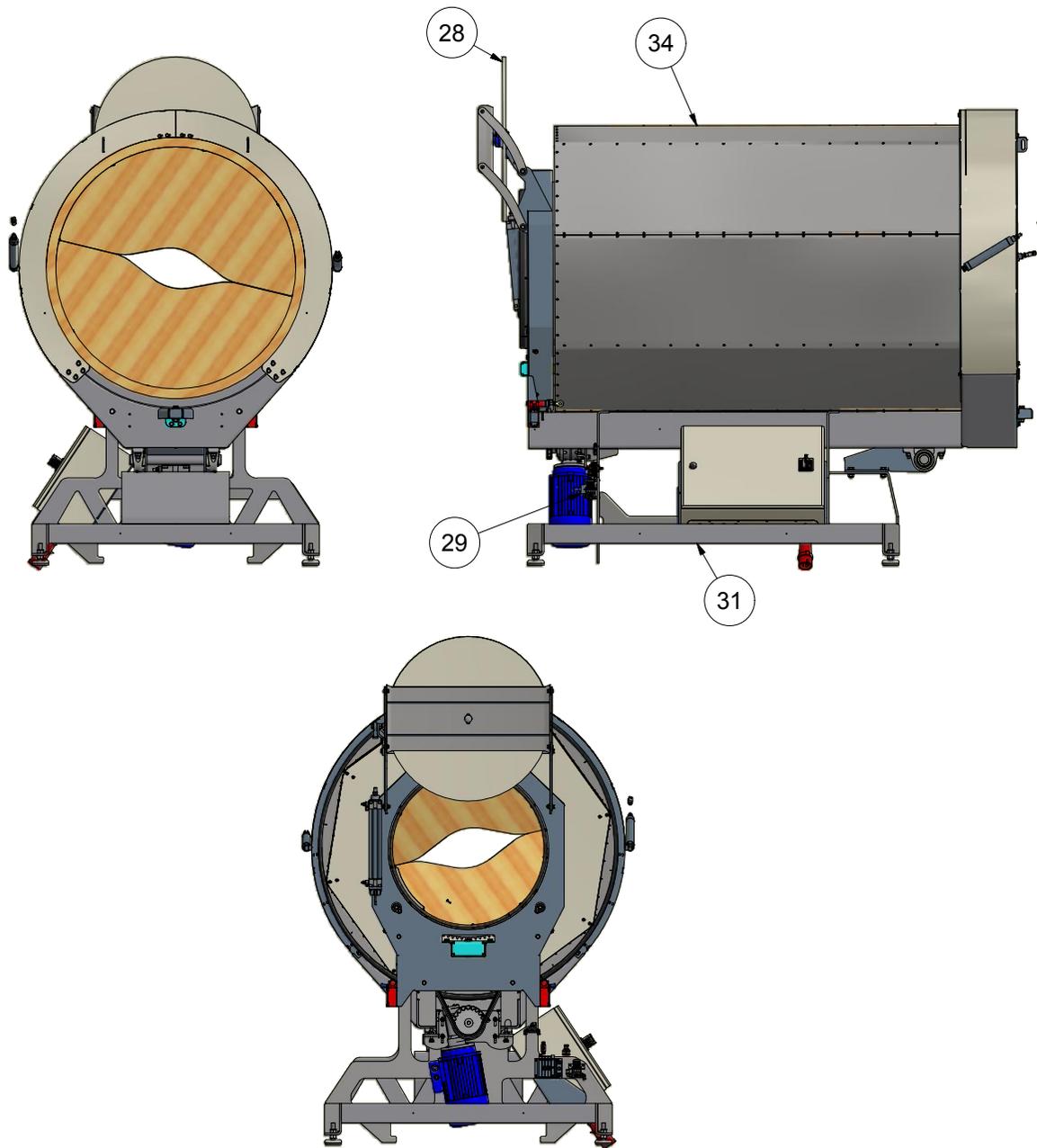
A-A (1:8)



Break all edges

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		Surface properties: No	Sheet: 2 / 2	
	Part No.: M102079			Material:
	Description 1: Gate assembly			
Description 2:				

Revision:	Approved	Date:	Revision Description
3	KM	31-05-2017	Added 45 gr. nipple

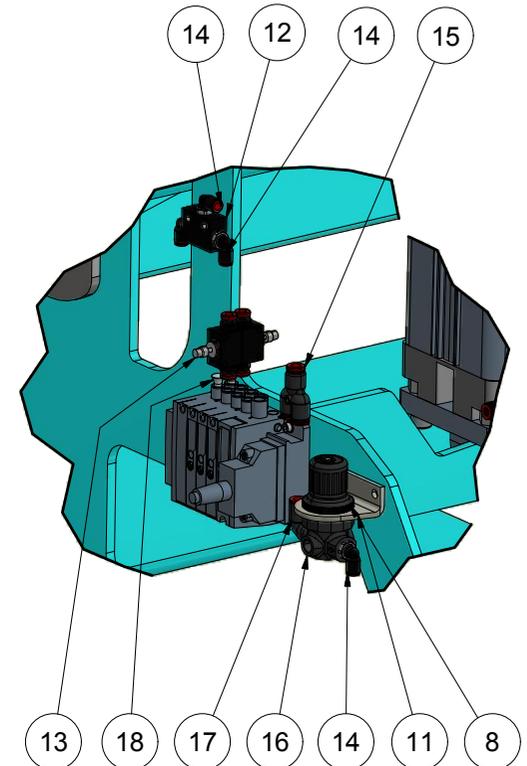
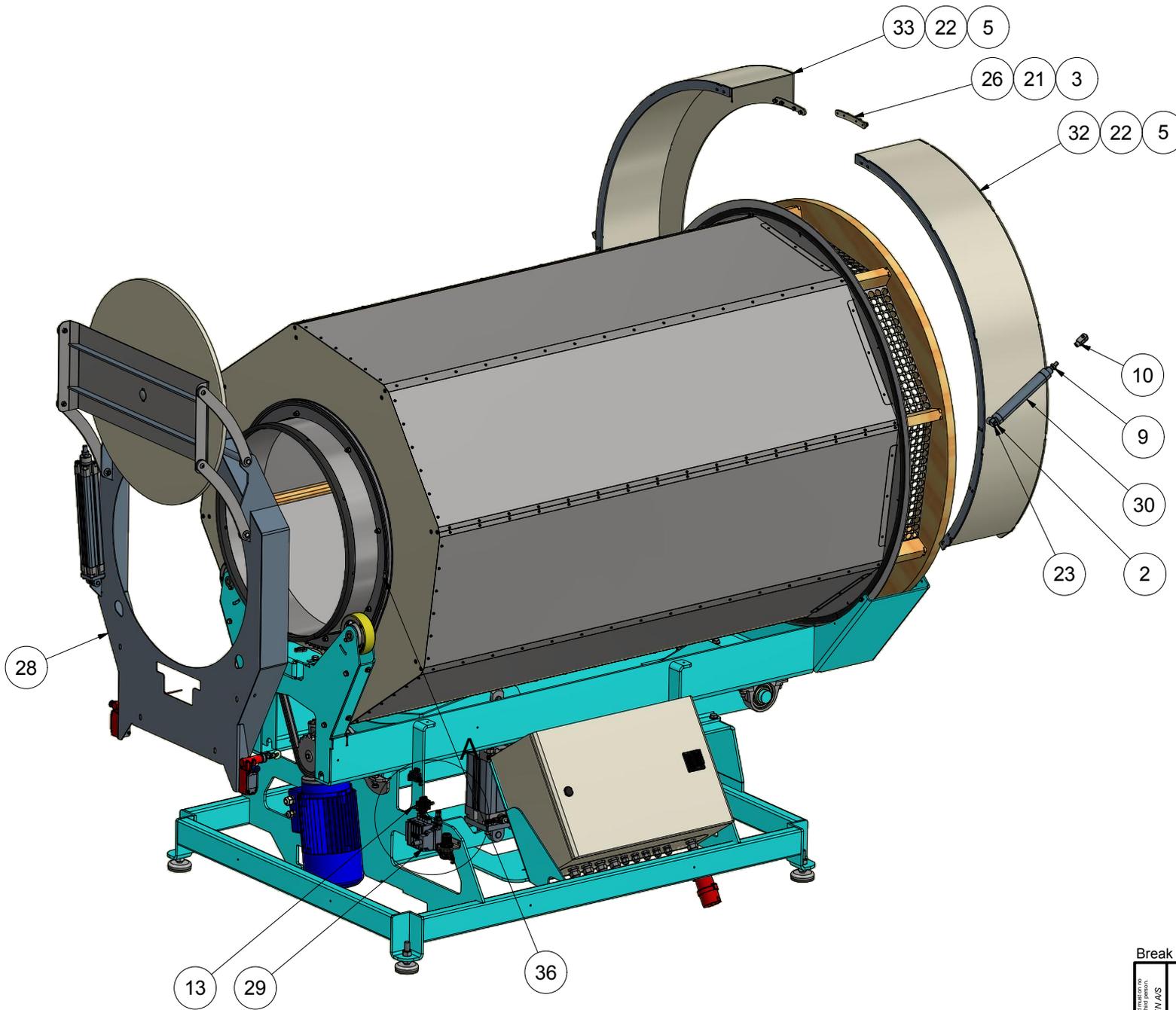


PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	4	10204016	Hexagon cylinder head M4x16 FZB
2	2	11405008	Hexagon bolt M5x08 FZB
3	10	11406010	Hexagon bolt M6x10 FZB
4	4	11406016	Hexagon bolt M6x16 FZB
5	8	11408012	Hexagon bolt M8x12 FZB
6	4	11408016	Hexagon bolt M8x16 FZB
7	3	140854	Wood screw pan head 3,5 x 20
8	1	206694	Nut, panel mount 2962-89
9	2	210427	Lock nut M10x1,25 FZB
10	2	214130	F-Bracket QM/57032/25
11	1	214180	C-Bracket M/P71273/3
12	1	215405	Valve, shuttle 1/8"
13	2	215620	Flow control in-line Ø6 x Ø6
14	4	215760	Elbow swivel Ø6 x 1/8"
15	1	215870	Y-connector 2xØ8 x Ø8
16	1	216205	Regulator 1/8" 0,3-3,5 bar
17	1	216536	Elbow swivel Ø8 x 1/8"
18	2	216748	Plug Ø6 mm
19	24	7003205	Blind rivet Ø3,2x5 (1-2,5)
20	4	82104000	Washer M4 FZB
21	10	82106000	Washer M6 FZB
22	12	82108000	Washer M8 FZB
23	2	82605000	Washer Ø5,3x15x1,2 FZB
24	4	82606000	Washer Ø6,4x18x1,6 FZB
25	8	M101201	Dust shield
26	2	M101413	Dust cover binder
27	3,92 m	M101475	Brush FBL1310-K20
28	1	M101481	Front lid assembly
29	1	M101643	Ramp valve AV03x4-DSUB25
30	2	M102075	Cylinder RT-57232-M-160
31	1	M102087	Drum frame assembly
32	1	M102104	Dust cover Left
33	1	M102105	Right dust cover
34	1	M102109	Drum assembly
35	3,00 m	M200085	Roller chain 12B1 3/4"
36	1	M200087	Chain connection 12B1

Break all edges

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	Part No.: M102089	Material:	Surface properties: No	Sheet: 1 / 2
	Description 1: Skind drum Subassembly			
	Description 2:			

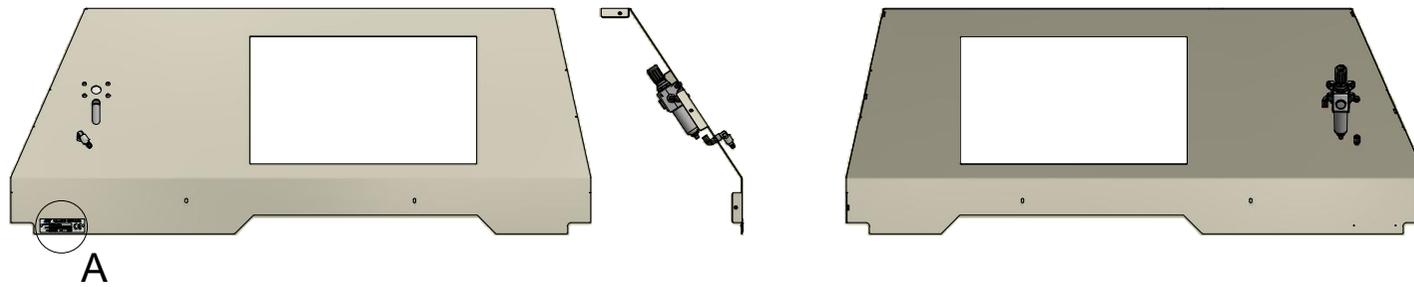
Revision:	Approved	Date:	Revision Description
2	MBO	20-03-2017	2x216748, 8x11408010+82108000 added



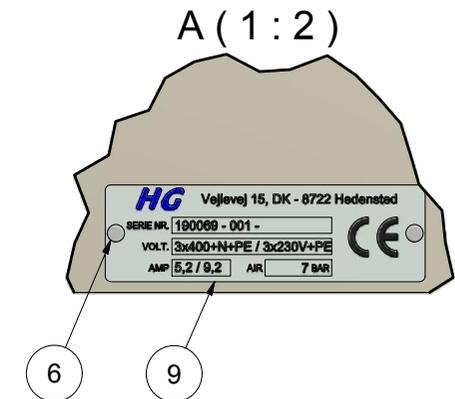
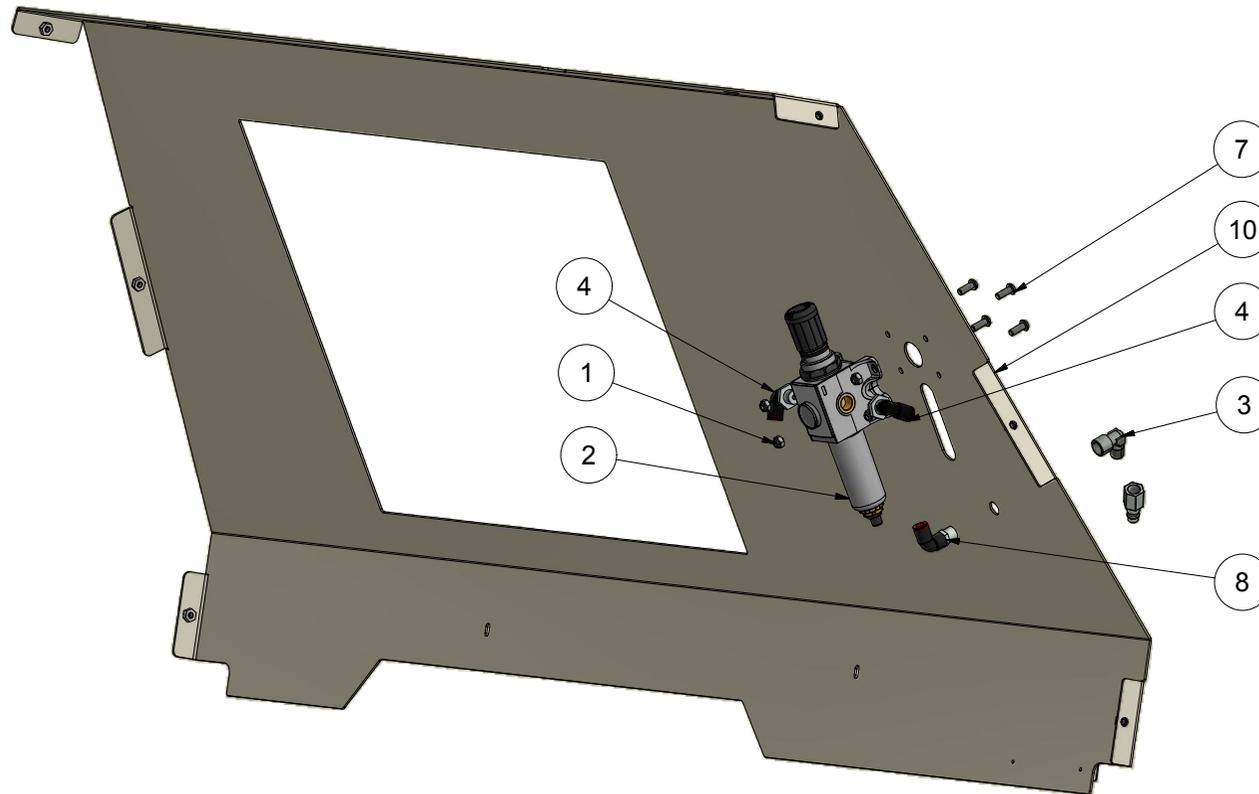
Break all edges

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	Part No.: M102089		Surface properties: No	Sheet: 2 / 2
	Description 1: Skind drum Subassemblies			
	Description 2:			

Revision:	Approved	Date:	Revision Description
2	MBO	20-03-2017	2x216748, 8x11408010+82108000 added



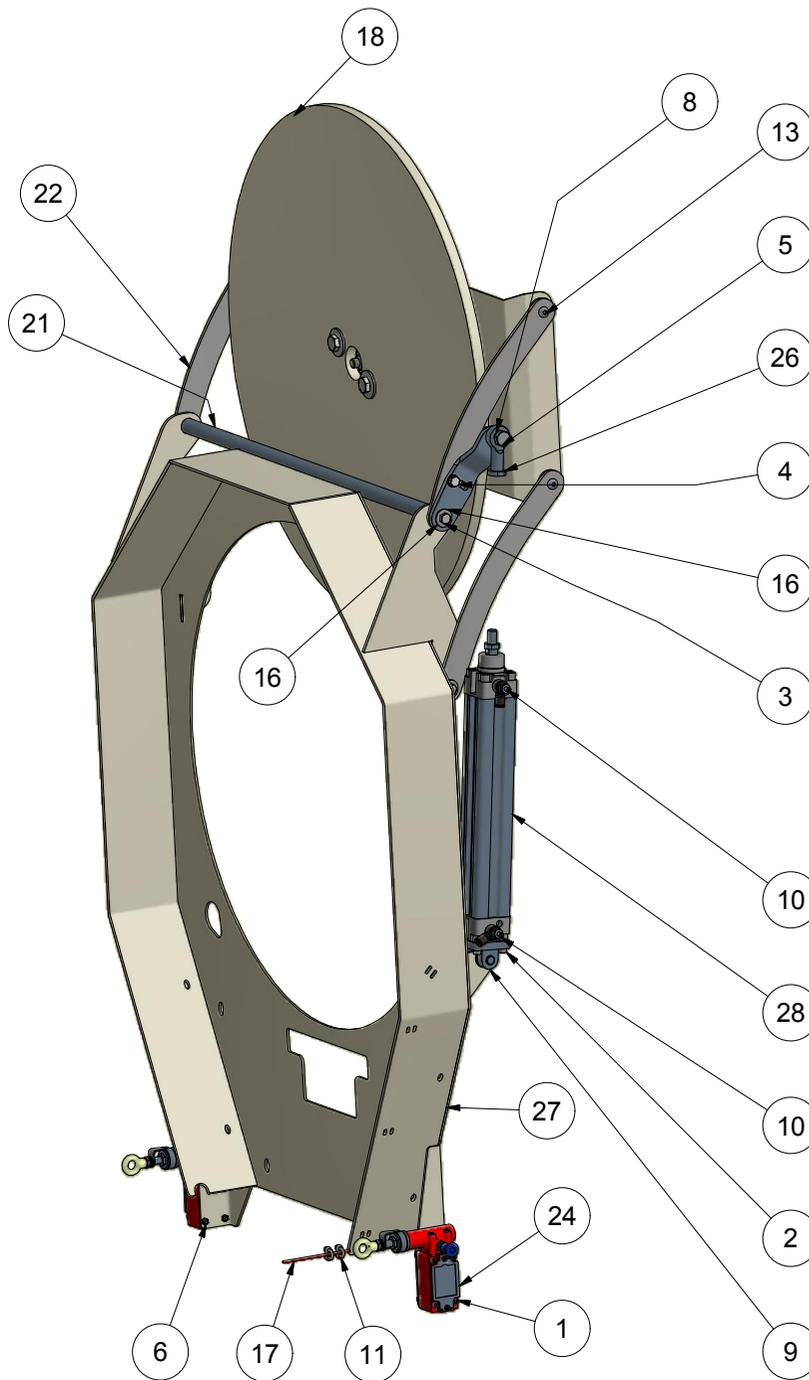
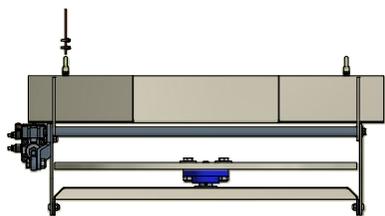
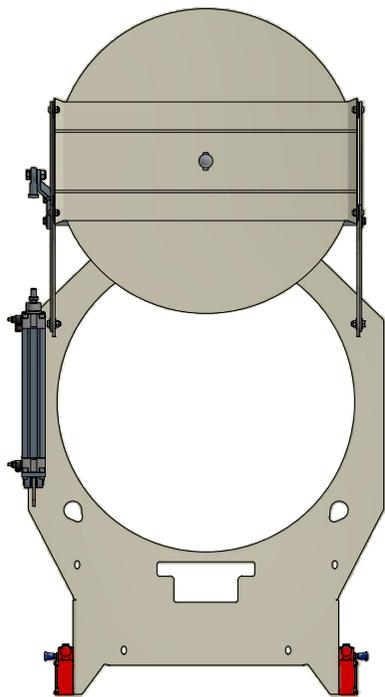
PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	4	17906000	Self-locking nut M6 FZB
2	1	197329	Regulator with filter 1/4" 0,3-10 bar (Auto drain)
3	1	216358	Elbow 1/4"t x 1/4" (M/F)
4	2	216537	Elbow swivel Ø8 x 1/4"
5	1	217040	Quick release coupling Plug 1/4" female
6	2	7003205	Blind rivet Ø3,2x5 (1-2,5)
7	4	76006016	Buttonhead bolt M6x16 FZB
8	1	M101466	Elbow swivel Ø8 x 1/4"t
9	1	M101996	ID plate for Skindrum
10	1	M102102	Right side cover



Breake all edges

HEDENSTED GRUPPEN A/S <small>Alle dimensioner er angivet i millimeter medmindre andet er angivet. Dimensioner kan ændres uden forudvarsel.</small>		Scale: 1 : 5	Not specified tolerance according to: DS/ISO 2768-m	Sheet size: A3	
		Surface properties: No	Sheet: 1/2		
	Part No.: M102101	Material:			
	Description 1: Right cover assembly				
Description 2:					

Revision:	Approved	Date:	Revision Description
1	MBO	21-03-2017	76006012 changed to 76006016



PARTS LIST

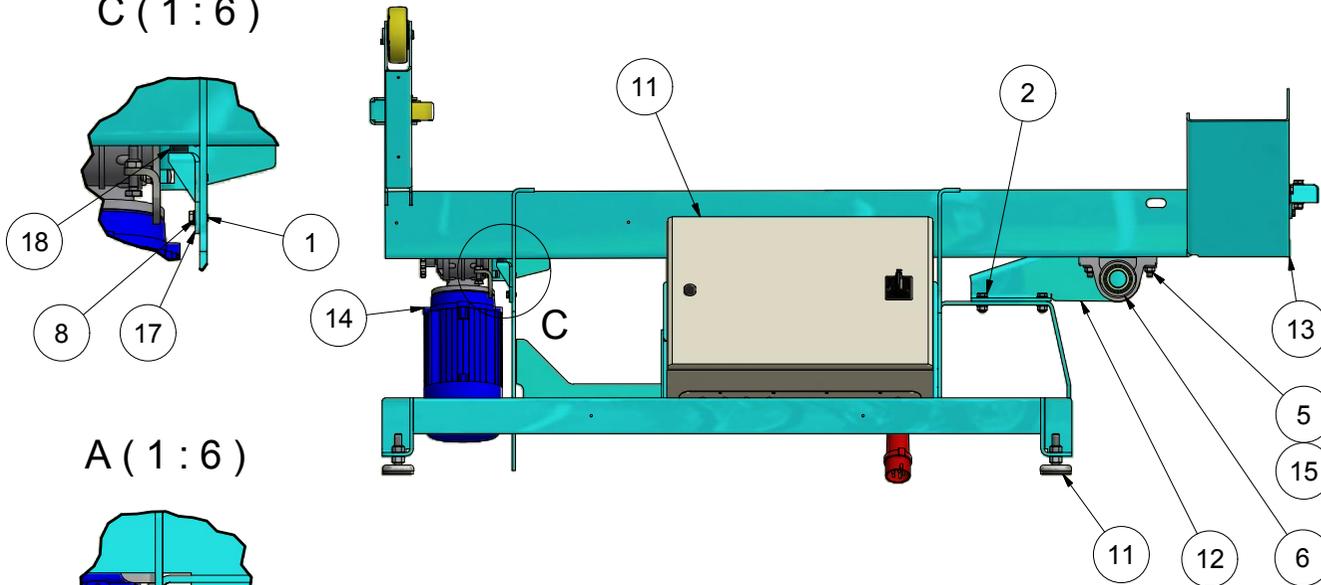
ITEM	QTY	PART NUMBER	DESCRIPTION
1	8	10205040	Hexagon cylinder head M5x40 FZB
2	4	10206030	Hexagon cylinder head M6x30 FZB
3	2	11408020	Hexagon bolt M8x20 FZB
4	3	11408025	Hexagon bolt M8x25 FZB
5	1	11412035	Hexagon bolt M12x35 FZB
6	8	17905000	Self-locking nut M5 FZB
7	7	17908000	Self-locking nut M8 FZB
8	1	17912000	Self-locking nut M12 FZB
9	1	214010	D2-Bracket QA/8040/42
10	2	215992	Flow control Banjo Ø6 x 1/4"
11	2	425938	Wire connector
12	4	4809335	Washer SRKB Ø9x35x3 FZB
13	4	76008020	Buttonhead bolt M8x20 FZB
14	2	82108000	Washer M8 FZB
15	4	82112000	Washer M12 FZB
16	6	82608000	Washer Ø8,4x24x2 FZB
17	4,0 m	M100039	Inox wire 7x7 Ø3
18	1	M101384	Lid assembly
19	2	M101387	Braket for lid - bottom
20	1	M101388	Braket for lid
21	1	M101400	Shaft for lid
22	1	M101445	Right arm for lid
23	1	M101448	Wire emergency stop 2/NC
24	1	M101449	Wire emergency stop 2/NC
25	1	M101450	Arm for lid
26	1	M101451	UF bracket QM/8040/32
27	1	M101461	Chain cover
28	1	M101624	Cylinder PRA/182040/M/250

Breake all edges

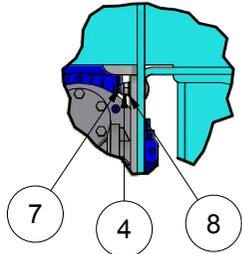
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	HEDENSTED GRUPPEN			Surface properties:	No	Sheet:	1/1	
	Part No.:	M101481	Material:					
	Description 1:	Front lid assembly						
Description 2:								

Revision:	Approved	Date:	Revision Description
3	MBO	20-03-2017	Inox wire and wire connector added

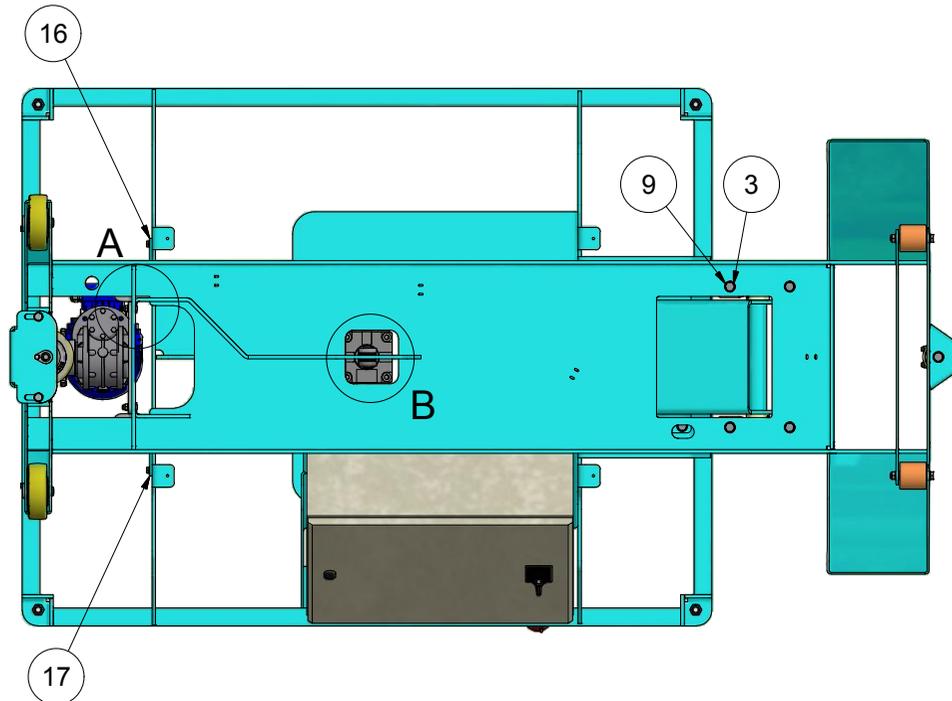
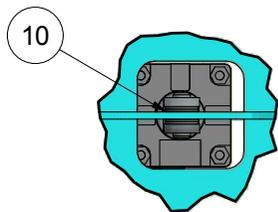
C (1:6)



A (1:6)



B (1:6)



PARTS LIST

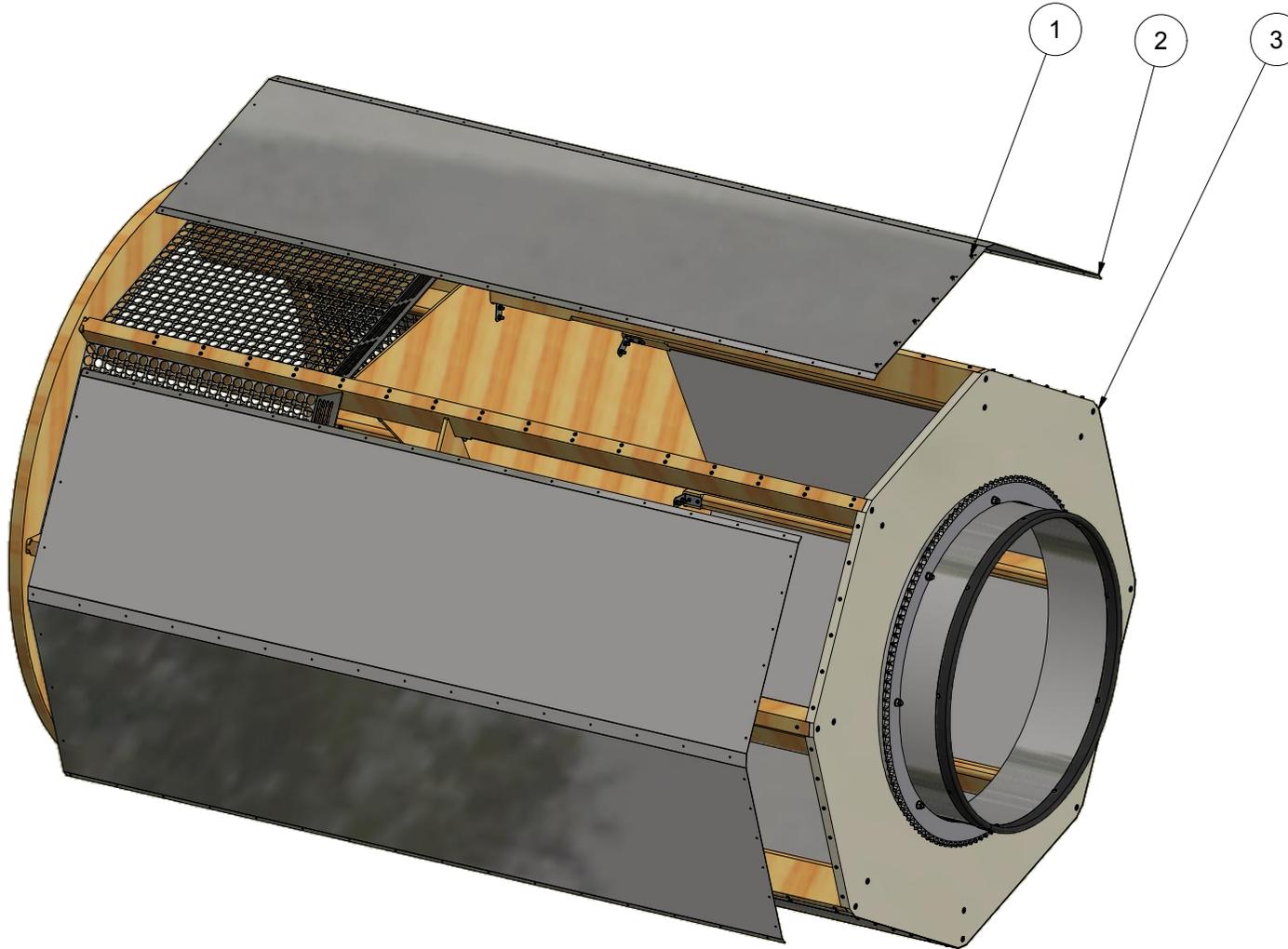
ITEM	QTY	PART NUMBER	DESCRIPTION
1	6	11408016	Hexagon bolt M8x16 FZB
2	4	11412035	Hexagon bolt M12x35 FZB
3	4	11412055	Hexagon bolt M12x55 FZB
4	4	17908000	Self-locking nut M8 FZB
5	8	17912000	Self-locking nut M12 FZB
6	2	473093	Y-Bearing block Ø40
7	4	64408030	Cup head square neck bolt M8x30 FZB
8	10	82108000	Washer M8 FZB
9	12	82112000	Washer M12 FZB
10	4	82120000	Washer M20 FZB
11	1	M102086	Frame base assembly
12	1	M102088	Tilt bracket
13	1	M102098	Drum frame base
14	1	M102113	Motor assembly
15	4	M102553	Washer Ø13x30x4 FZB
16	1	M102558	Mechanic Stop Left
17	1	M102559	Mechanic Stop Right
18	2	M102596	Vibration absorber Ø20x8 - M8

Break all edges

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	HEDENSTED GRUPPEN A/S		Surface properties: No	Sheet: 1/1
	Part No.: M102087	Material:		
	Description 1: Drum frame assembly			
Description 2:				

Revision:	Approved	Date:	Revision Description
2	KL	05-04-2017	Tiltstop added

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	240	140851	Wood screw pan head 3,5 x 15
2	4	M102099	Drum cover
3	1	M102111	Drum cleaning assembly



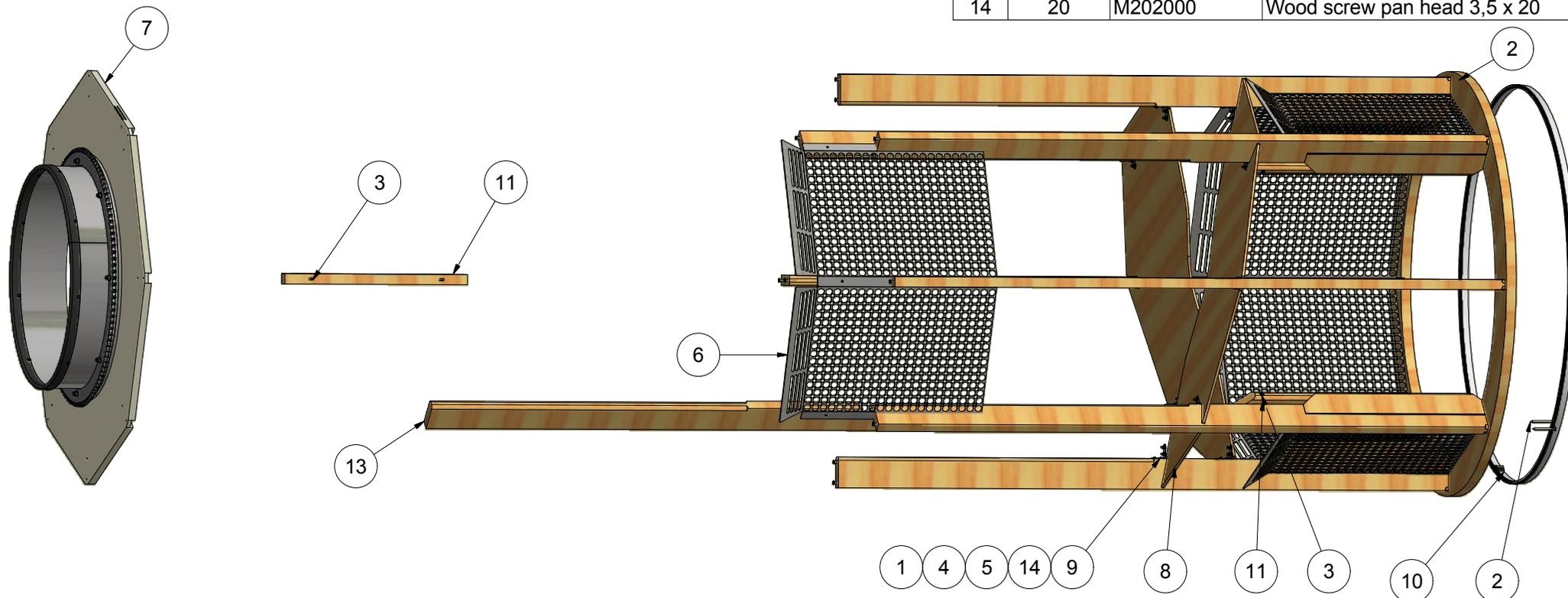
Breake all edges

<small>The information on this drawing is the property of HEDENSTED GRUPPEN AS and is not to be copied or disclosed to any third person.</small> HEDENSTED GRUPPEN AS	HG	Scale:	Not specified tolerance according to:	Sheet size:
	<small>HEDENSTED GRUPPEN</small>	1 : 10	DS/ISO 2768-m	A3
	Part No.:	M102109	Surface properties:	No
Description 1:		Material:		
Drum assembly				
Description 2:				

Revision:	Approved	Date:	Revision Description
3	KL	05-04-2017	Height on wood beams changed

PARTS LIST

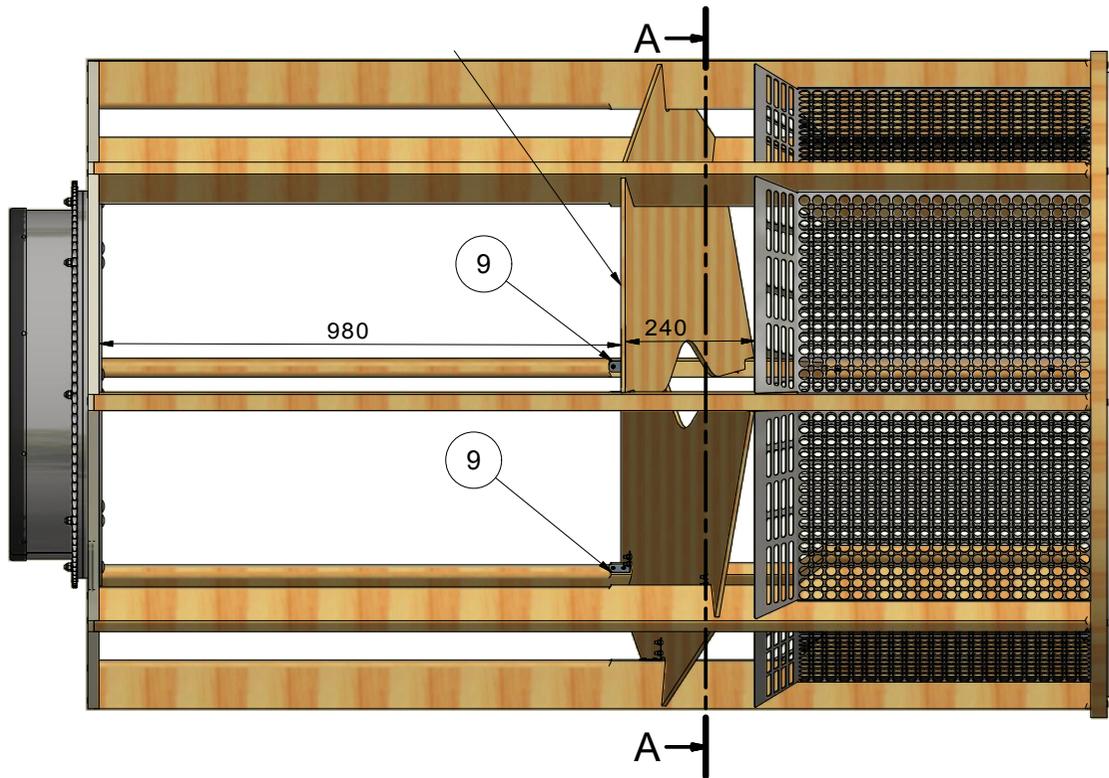
ITEM	QTY	PART NUMBER	DESCRIPTION
1	20	17905000	Self-locking nut M5 FZB
2	32	2706070	Wood screw countersunk head 6 x70
3	16	2706130	Wood screw countersunk head 6 x130
4	20	76005012	Buttonhead bolt M5x12 FZB
5	20	82105900	Washer M5 FZB
6	8	M101203	Cleaning plate
7	1	M101230	Intake end
8	2	M102090	Seperator plate
9	10	M102091	Seperator bracket
10	3,7 m	M102095	Brush for groove H25x8x8
11	8	M102110	Tumbler beam
12	1	M102115	Drum Outtake plate
13	8	M102116	Wood beam
14	20	M202000	Wood screw pan head 3,5 x 20



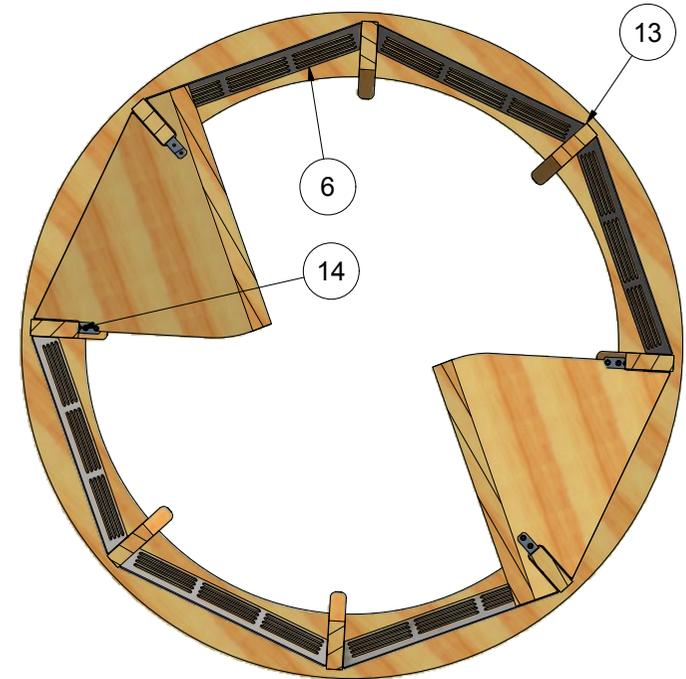
Breake all edges

The data in this drawing is valid only for the part shown. It is not to be used for other parts without the approval of the manufacturer.	 HEDENSTED GRUPPEN A/S		Scale: 1 : 12	Not specified tolerance according to: DS/ISO 2768-m	Sheet size: A3
	Part No.: M102111		 Surface properties: No	Sheet: 1 / 2	
	Description 1: Drum cleaning assembly				
	Description 2:				

Revision:	Approved	Date:	Revision Description
2	KL	05-04-2017	Wooden beams changed to 90mm



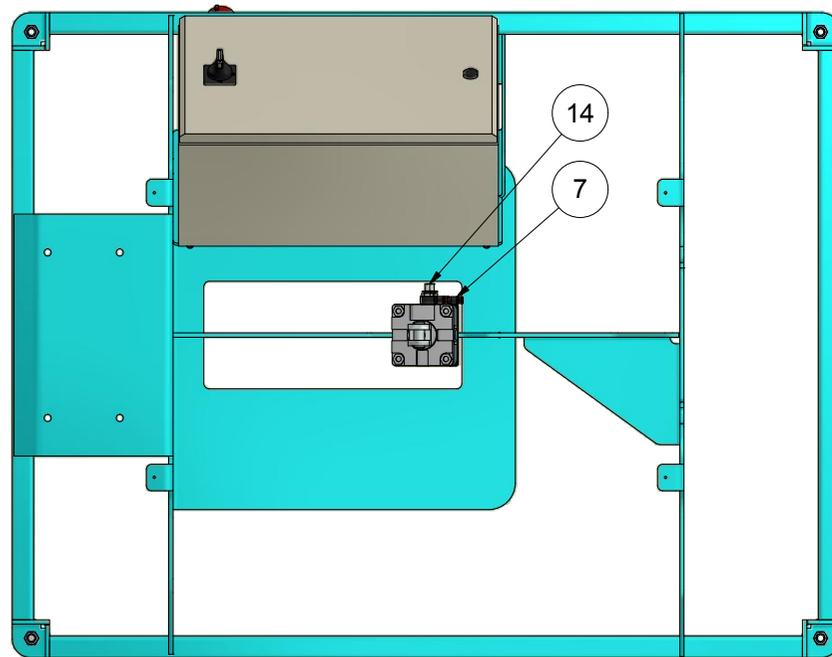
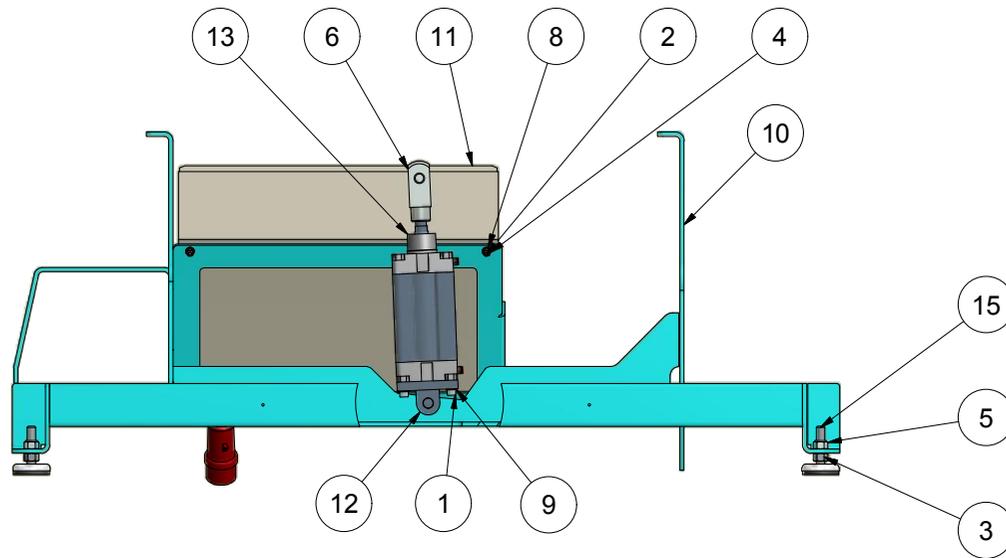
A-A (1 : 10)



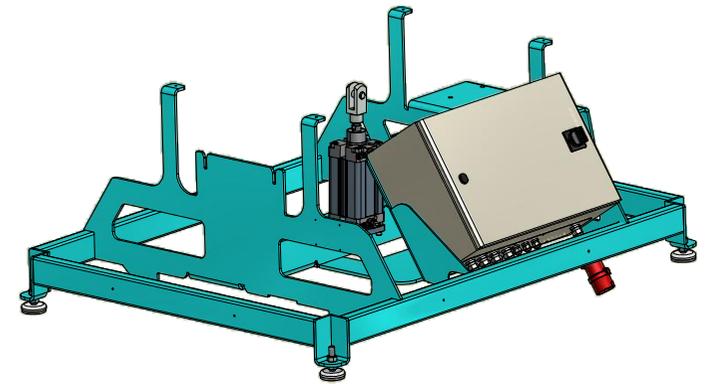
Breake all edges

<small>Alle Maße sind in mm angegeben und gelten für die Ausführung in Holz. Bei anderen Materialien sind die Maße entsprechend anzupassen. HEDENSTED GRUPPEN A/S</small>	 HEDENSTED GRUPPEN	Scale: 1 : 12	Not specified tolerance according to: DS/ISO 2768-m	Sheet size: A3
	Part No.: M102111	Material:	Surface properties: No	Sheet: 2 / 2
Description 1: Drum cleaning assembly				
Description 2:				

Revision:	Approved	Date:	Revision Description
2	KL	05-04-2017	Wooden beams changed to 90mm



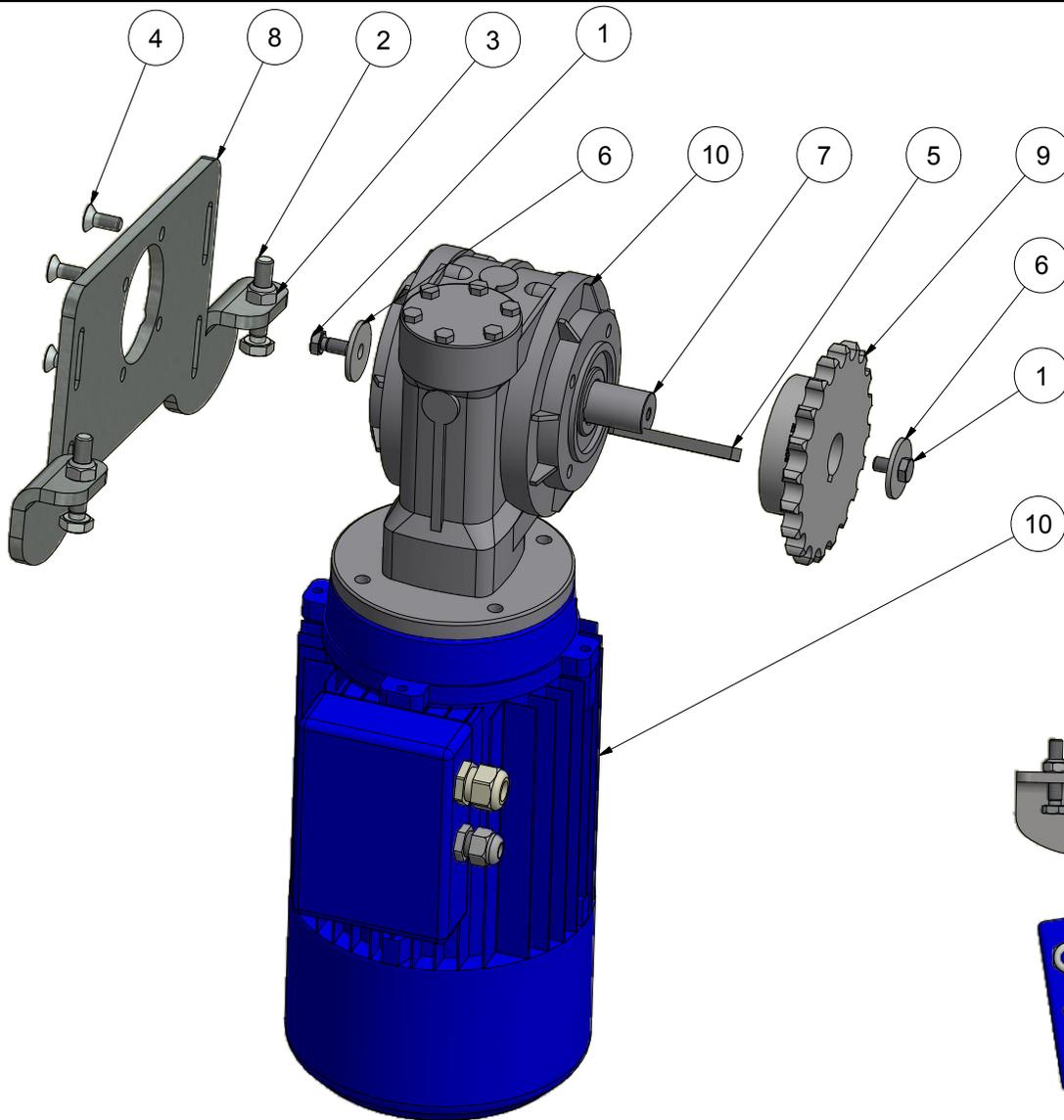
PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	4	10210030	Hexagon cylinder head M10x30 FZB
2	4	11408016	Hexagon bolt M8x16 FZB
3	4	1516000	Nut M16 FZB
4	4	17908000	Self-locking nut M8 FZB
5	4	17916000	Self-locking nut M16 FZB
6	1	214128	F-Bracket QM/8080/25
7	2	216683	Reduction stem Ø8 pipe x Ø6
8	4	82108000	Washer M8 FZB
9	4	82110000	Washer M10 FZB
10	1	M101216	Frame Base
11	1	M101479	Eletrical box for skin drum
12	1	M101622	D2-Bracket QA/8100/42
13	1	M101623	Cylinder PRA/182100/M/100
14	2	M101641	Flow control banjo Ø8 x 1/2"
15	4	M200102	Machine shoe M16x70xØ70



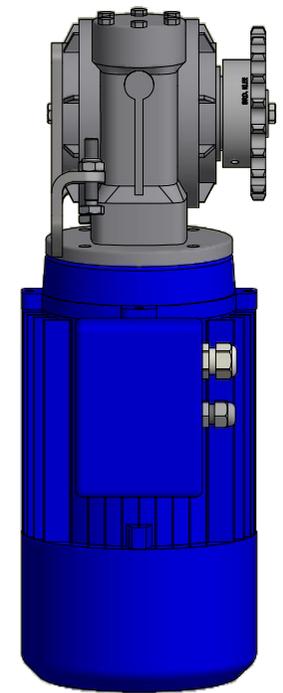
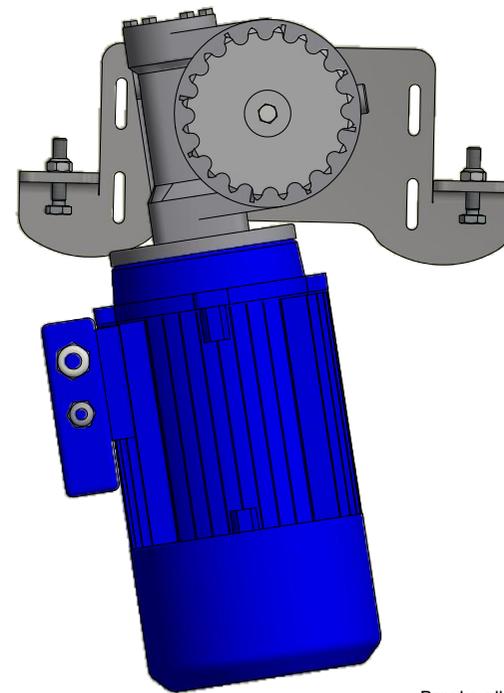
Break all edges

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		Part No.:	M102086	Material:	No	Surface properties:	No	Sheet:	1 / 1
		Description 1:							
		Description 2:							

Revision:	Approved	Date:	Revision Description
1	MRh	31-05-2016	Made



PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	11408016	Hexagon bolt M8x16 FZB
2	2	11410050	Hexagon bolt M10x50 FZB
3	2	17910000	Self-locking nut M10 FZB
4	4	20408020	Hexagon countersunk head M8x20 FZB
5	1	204796	Key 8x7x80mm DIN-6885A
6	2	4809335	Washer SRKB Ø9x35x3 FZB
7	1	M101213	Shaft for Gear
8	1	M101214	Gear slide mount
9	1	M101226	Sprocket 12b1 Z20 Ø25
10	1	M102100	Gear motor assembly



Breake all edges

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	HEDENSTED GRUPPEN	1 : 3	DS/ISO 2768-m	A3
	Part No.:	Surface properties:		Sheet:
	M102113	No		1 / 1
Description 1:		Material:		
Motor assembly				
Description 2:				

Revision:	Approved	Date:	Revision Description
2	KKS	28-07-2017	Drawing updated

Customer: Hedensted Gruppen A/S

Project: SKINDRUM 2015_03 3x400V

Hedensted Gruppen A/S
Vejlevej 15a
DK-8722 Hedensted
TLF: 75 89 12 44
FAX: 75 89 11 80

VS AUTOMATIC

Ormhøjgårdvej 15
DK-8700 Horsens Tlf. 75641899

Project title: SKINDRUM 2015_03 3x400V

Customer: Hedensted Gruppen A/S

Last printed: 25-07-2017

11:55:53

Last checked: 13-06-2016 12:28:40

Filename: Skindrum 2015-03

Case no.: Skindrum 2

Page: A

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25-07-2017 11:54:54	

Information

WIRE IDENTIFICATION:

The wire is identified with the terminal number of the component.

WIRE COLOUR:

MAIN CIRCUIT:	Phase	Black
	Neutral	Light blue
DC CONTROL CIRCUIT: 24VDC		Dark blue
	0VDC	White

THE FOLLOWING COLOUR ID IS TAKEN FROM DS/EN 60757

BK	BLACK
BN	BROWN
RD	RD
OG	ORANGE
YE	YELLOW
GN	GREEN
BU	BLUE
VT	VIOLET
GY	GREY
WH	WHITE
PK	PINK

ALL SYMBOLS USED IS TAKEN FROM DS/EN 166

VS AUTOMATIC

Ormhøjgårdvej 15
DK-8700 Horsens Tlf. 75641899

Project: SKINDRUM 2015_03 3x400V

Customer: Hedensted Gruppen A/S

Last printed: 25-07-2017

11:55:53

Last checked: 21-08-2012 12:44:52

Case no.: Skindrum 2015-03

Filename: Skindrum 2

Page: D

of 18

DECLARATION OF INCORPORATION

Directive 2006/42/EF, Annex II, B

Manufacturer

Firm: VS AUTOMATIC A/S
Address: Ormhøjgårdvej 15
DK-8700 Horsens
Phone: +45 75 64 18 99
Fax: +45 75 64 18 09
Email: info@vs-automatic.dk

Herewith declares that

Component: Controlpanel
Type: Skindrum 2015-03 Year of manufator: 2015

is intended to be incorporated into machinery or to be assembled with other machinery to constitute machinery covered by Directive 2006/42/EC

does therefore not in every respect comply with the provisions of this directive
does comply with the provisions of the following other EC directives

EC directives

EC machine directive 89/392/EEC, as per 91/386/EEC, 93/68/EEC, 93/44/EEC

EC low-voltage directives 73/23/EEC, as per 93/68/EEC, 93/465/EEC

EC EMC directive 89/336/EEC as per 92/31/EEC, 93/68/EEC, 93/465/EEC

Harmonized standards

EN60204-1 Safety of Machinery Electrical Equipment of Machines

EN60439-1 Low-voltage switchgear and controlgear assemblies part 1: Type-tested and partially type-tested assemblies

And furthermore declares that it is not allowed to put the machinery into service until the machinery into which it is to be incorporated or of which it is to be a component has been found and declared to be in conformity with the provisions of Directive 98/37/EC and with national implementation legislation i.e. as a whole, including the machinery referred to in this declaration

Machine: SKINDRUM 2015_03 3x400V
Machine No.:
Type: Year of manufactor: 2015
Manufacturer: Hedensted Gruppen A/S

Identification of signature:

Firm: VS AUTOMATIC A/S
Address: Ormhøjgårdvej 15
DK-8700 Horsens

Date: 25-07-2017

Signature



Torben Steffensen

VS AUTOMATIC

Ormhøjgårdvej 15
DK-8700 Horsens
Tlf. 75641899

Type: Hedensted Gruppen A/S

Project: SKINDRUM 2015_03 3x400V

Printed: 25-07-2017

11:55:53

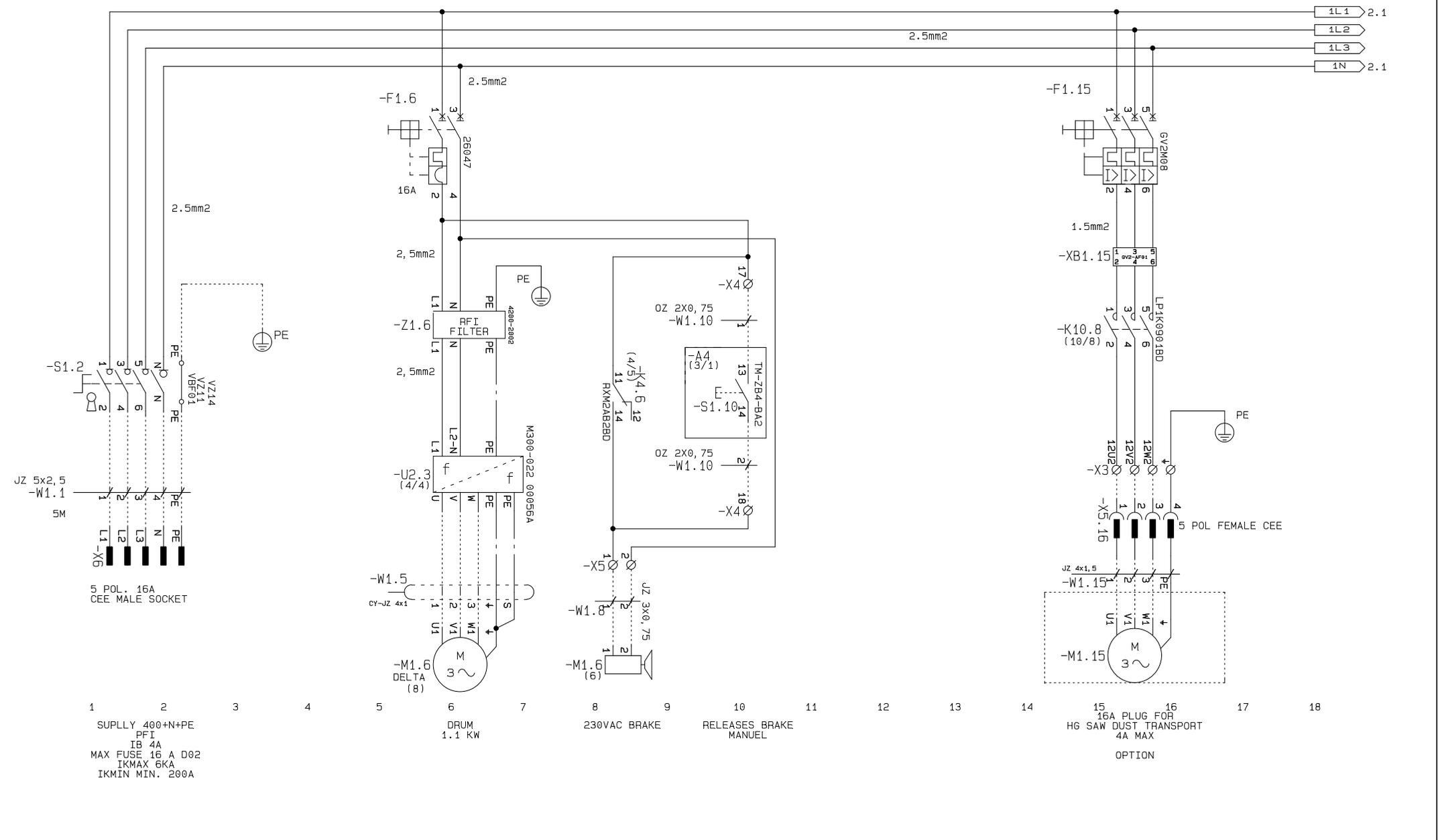
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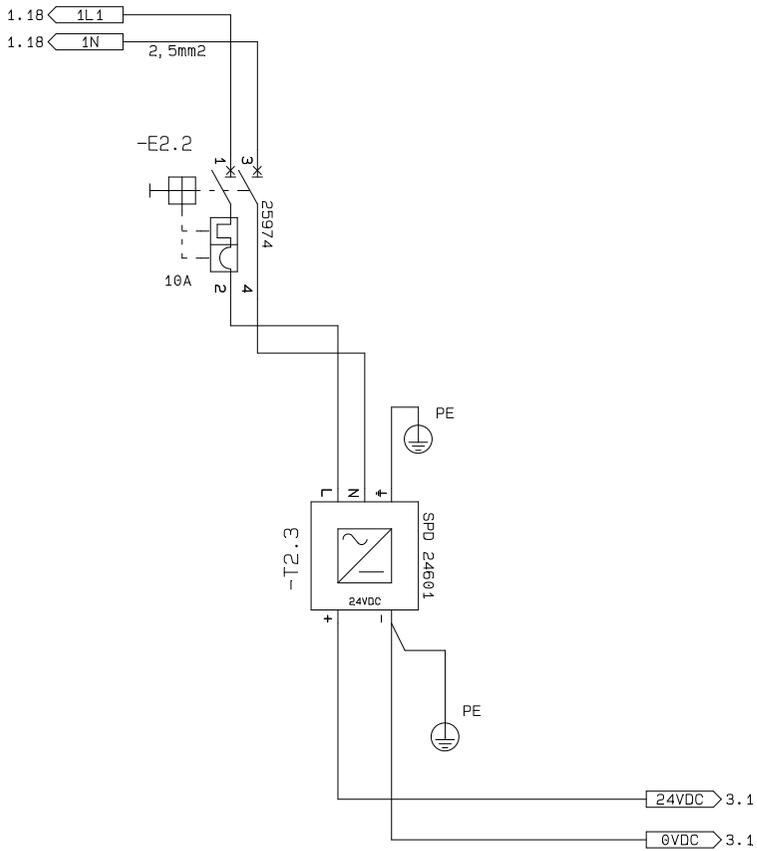
File: Skindrum 2015-03

Case no.: Skindrum 2

Page: E

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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18



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En del af TS GRUPPEN - Danmarks stærkeste El & Energi Installatør

Customer: Hedensted Gruppen A/S

Project: SKINDRUM 2015_03 3x400V

Pagetitle: 230VAC & 24VDC Control Circuit

Designer: HBL

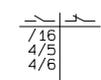
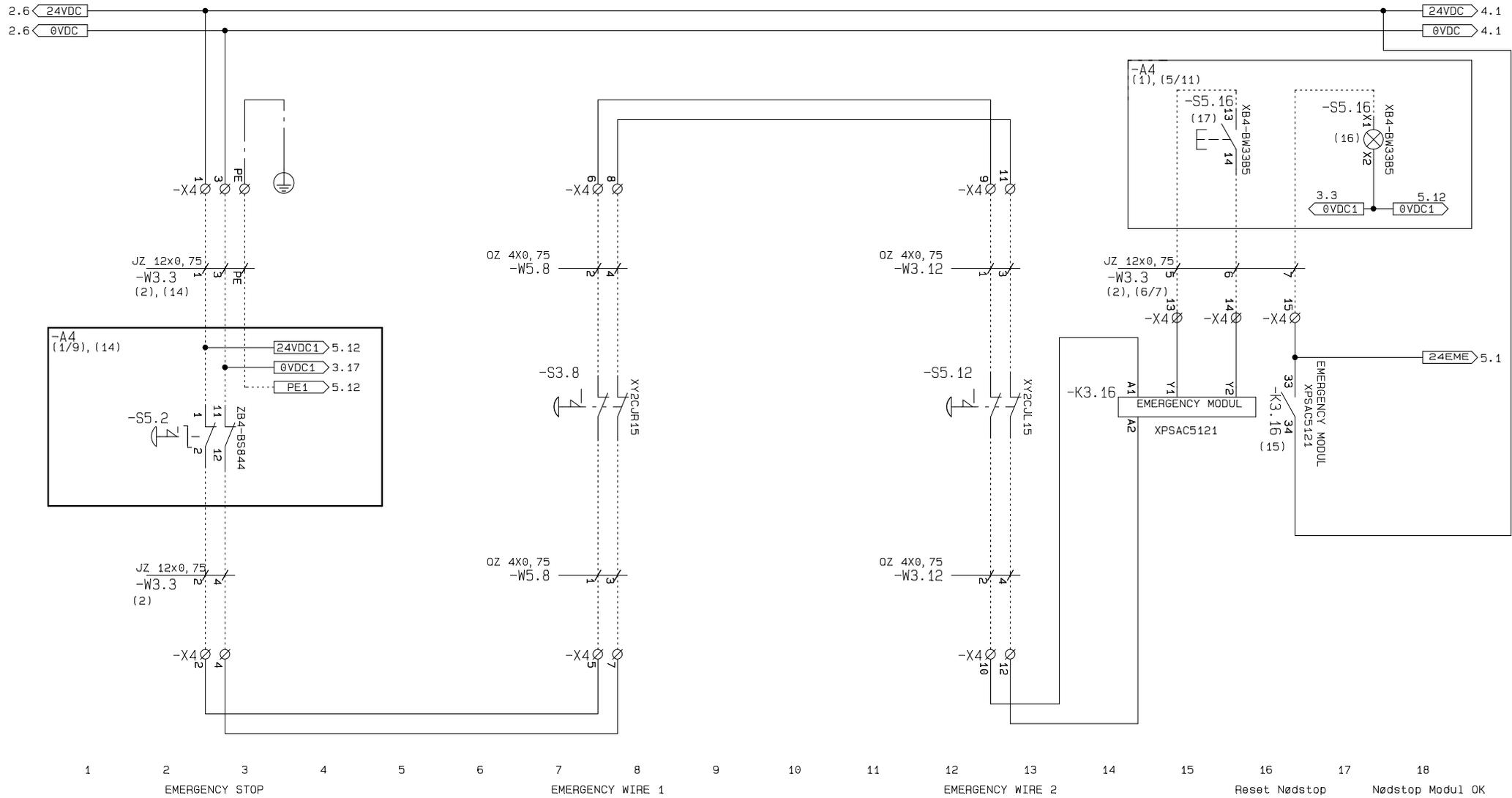
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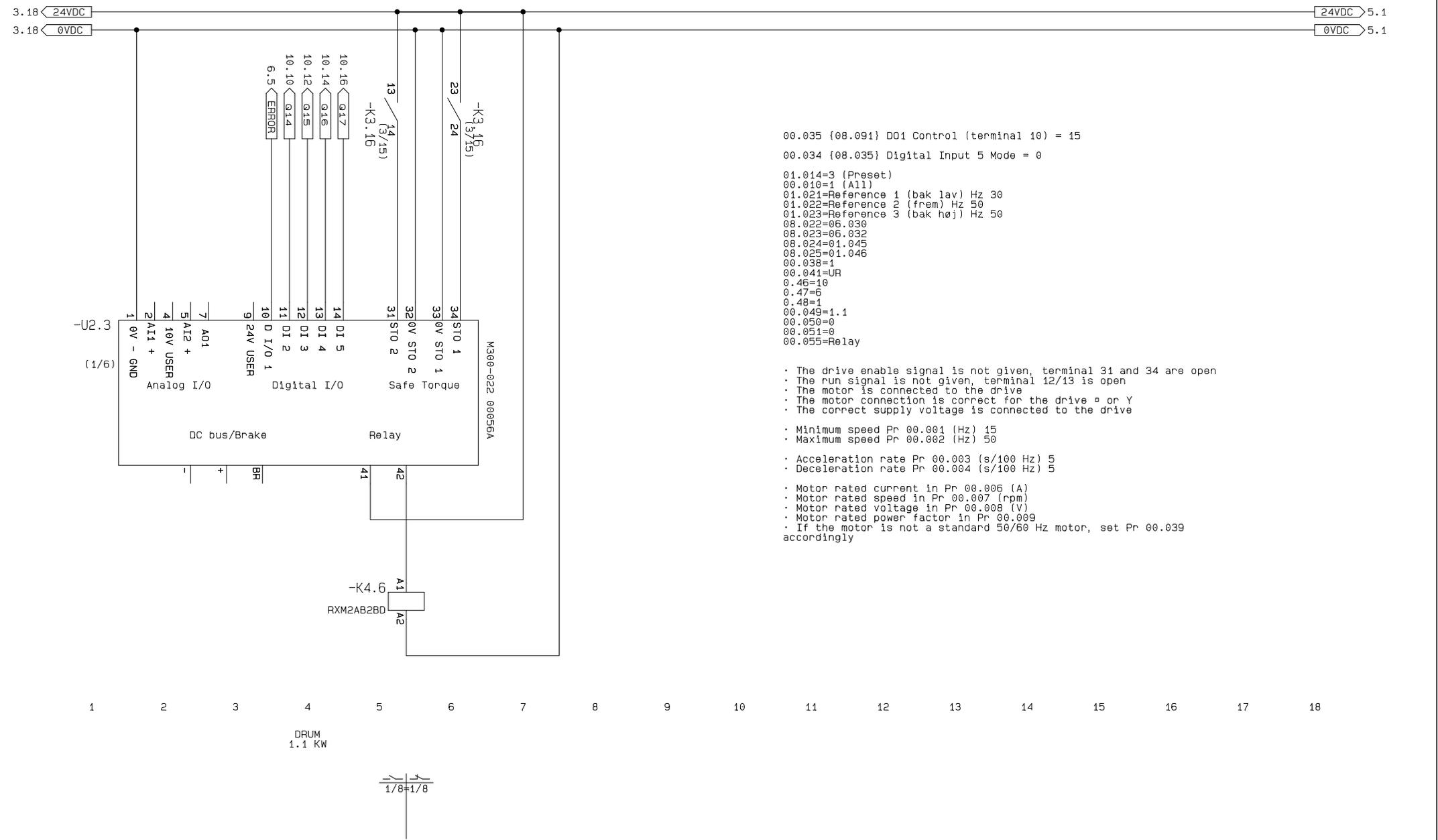
Last changed: 13-06-2016

Case no: Skindrum 2015-03

Page ref.: +A0

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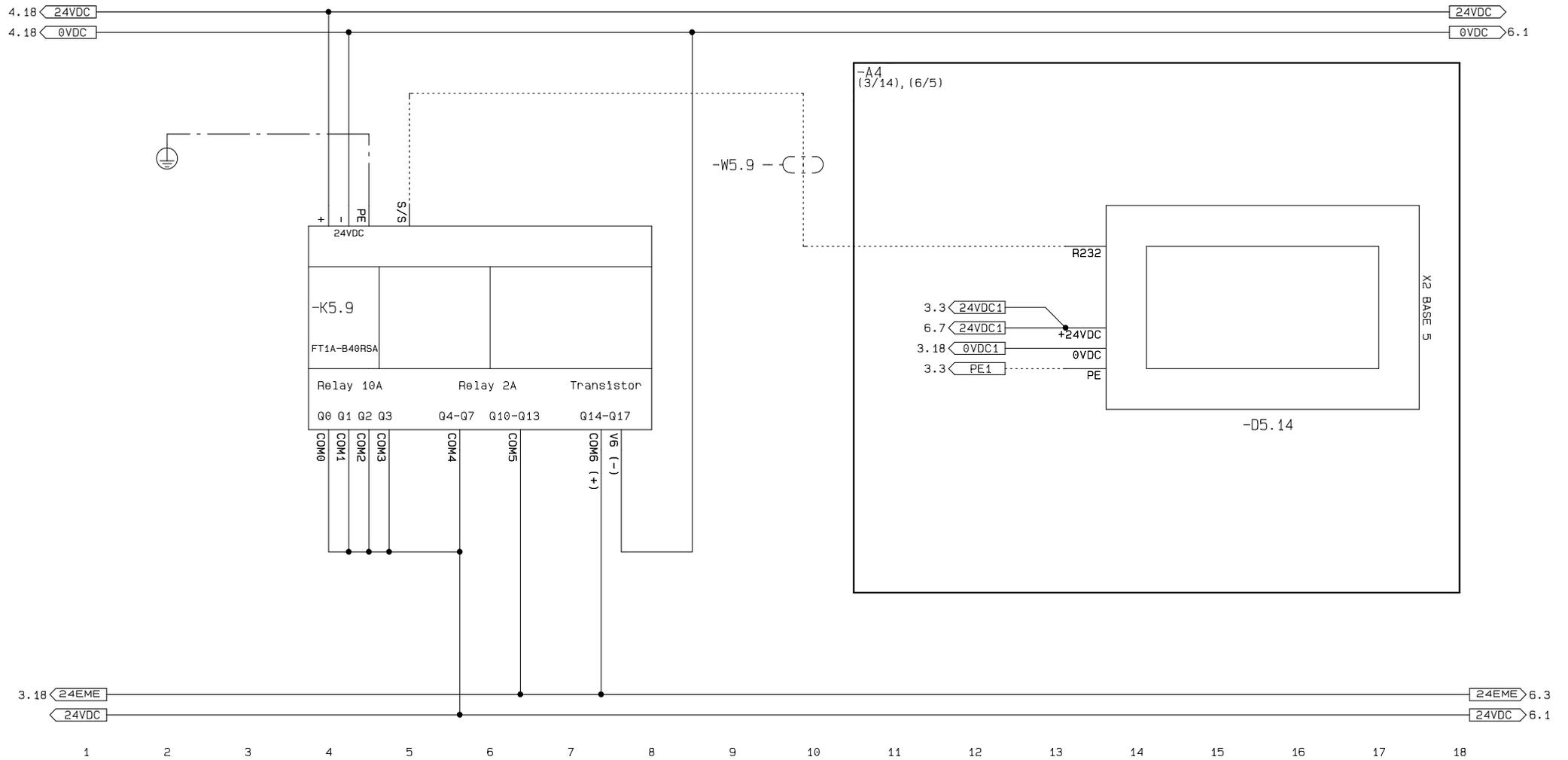


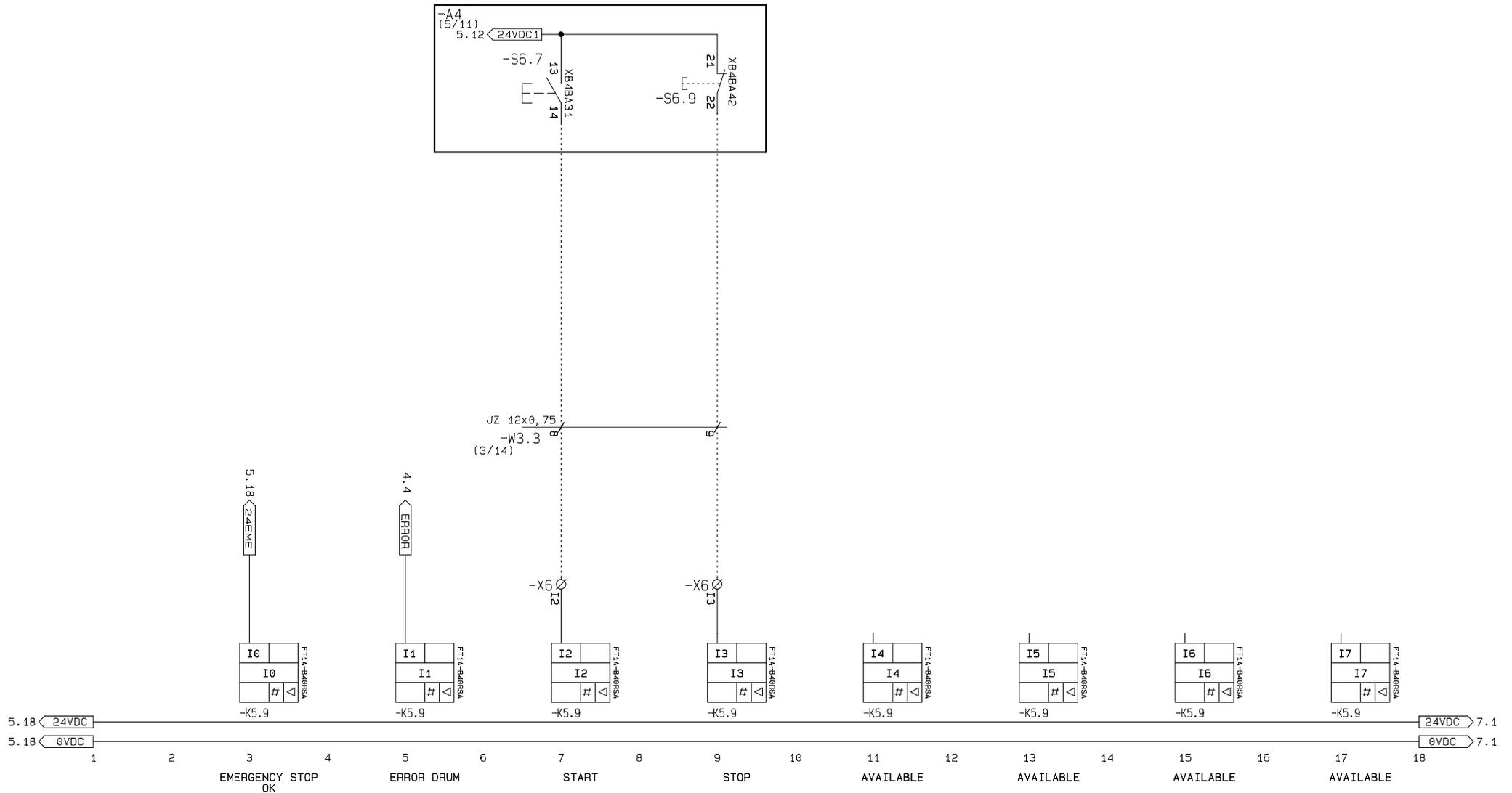


```

00.035 {08.091} DO1 Control (terminal 10) = 15
00.034 {08.035} Digital Input 5 Mode = 0
01.014=3 (Preset)
00.010=1 (All)
01.021=Reference 1 (bak lav) Hz 30
01.022=Reference 2 (frem) Hz 50
01.023=Reference 3 (bak hø) Hz 50
08.022=06.030
08.023=06.032
08.024=01.045
08.025=01.046
00.038=1
00.041=UR
0.46=10
0.47=6
0.48=1
00.049=1.1
00.050=0
00.051=0
00.055=Relay
    
```

- The drive enable signal is not given, terminal 31 and 34 are open
- The run signal is not given, terminal 12/13 is open
- The motor is connected to the drive
- The motor connection is correct for the drive Δ or Y
- The correct supply voltage is connected to the drive
- Minimum speed Pr 00.001 (Hz) 15
- Maximum speed Pr 00.002 (Hz) 50
- Acceleration rate Pr 00.003 (s/100 Hz) 5
- Deceleration rate Pr 00.004 (s/100 Hz) 5
- Motor rated current in Pr 00.006 (A)
- Motor rated speed in Pr 00.007 (rpm)
- Motor rated voltage in Pr 00.008 (V)
- Motor rated power factor in Pr 00.009
- If the motor is not a standard 50/60 Hz motor, set Pr 00.039 accordingly





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En del af TS GRUPPEN - Danmarks stærkeste El & Energi Installatører

Customer: Hedensted Gruppen A/S

Project: SKINDRUM 2015_03 3x400V

Pagetitle: PLC Input X0 - X7

Designer: HBL

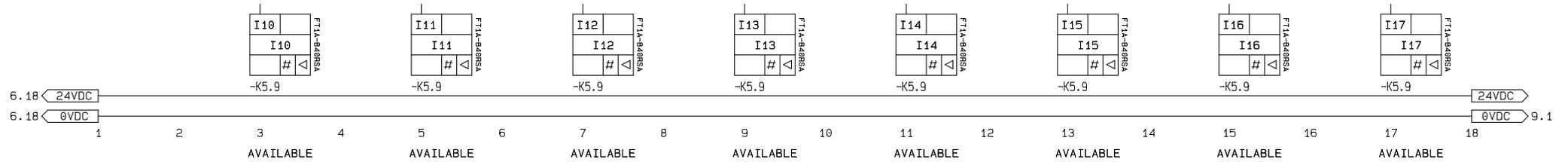
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Last changed: 07-06-2016

Case no: Skindrum 2015-03

Page ref.: +A0

Page: 6 of 14



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En del af TS GRUPPEN - Danmarks stærkeste El & Energi Installatører

Customer: Hedensted Gruppen A/S

Project: SKINDRUM 2015_03 3x400V

Page title: PLC Input X10 - X17

Designer: HBL

Last prt: 25-07-2017

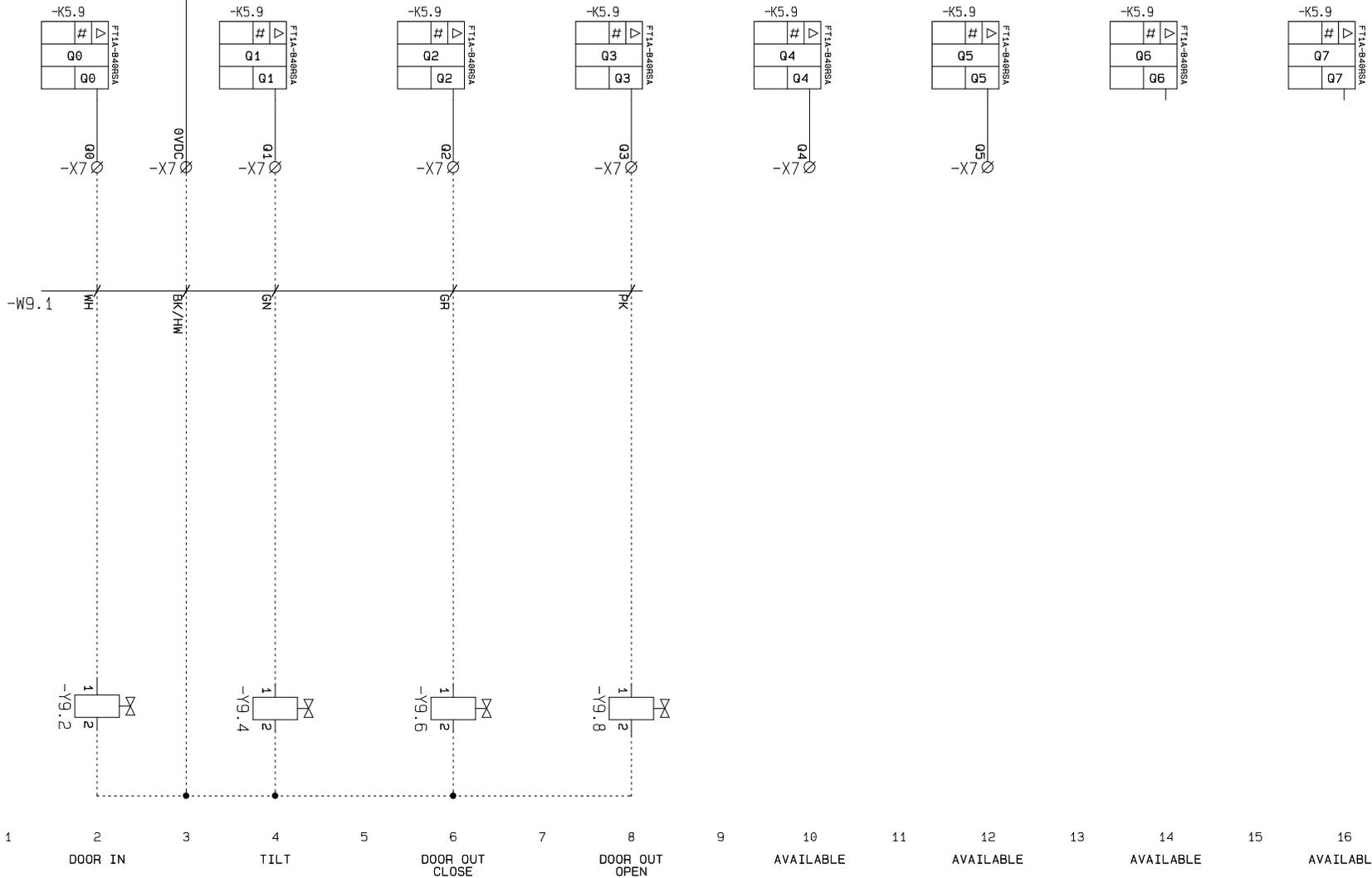
Last changed: 07-06-2016

Case no: Skindrum 2015-03

Page ref.: +A0

Page: 7 of 14

7.18 ← 0VDC 10.1 → 0VDC



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En del af TS GRUPPEN - Danmarks stærkeste El & Energi Installatører

Customer: Hedensted Gruppen A/S

Project: SKINDRUM 2015_03 3x400V

Pagetitle: PLC Output Y0 - Y7

Designer: HBL

Last prt: 25-07-2017

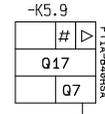
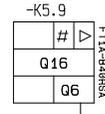
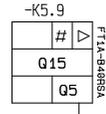
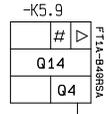
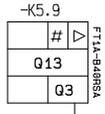
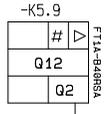
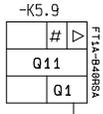
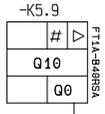
Last changed: 14-06-2016

Case no: Skindrum 2015-03

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9. 18 ◀ ⊖VDC

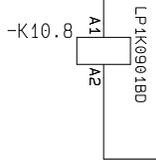


Q14 > 4,4

Q15 > 4,4

Q16 > 4,4

Q17 > 4,5



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

AVAILABLE

AVAILABLE

AVAILABLE

16A PLUG FOR
HG SAW DUST
TRANSPORT
4A MAX
OPTION
1/16

DRUM STF

DRUM STR

DRUM
SPEED 1

DRUM
SPEED 2



Tlf. 75 64 18 99 - vs-automatic.dk

En del af TS GRUPPEN - Danmarks stærkeste El & Energi Installatør

Customer: Hedensted Gruppen A/S

Project: SKINDRUM 2015_03 3x400V

Pagetitle: PLC Output Y10 - Y17

Designer: HBL

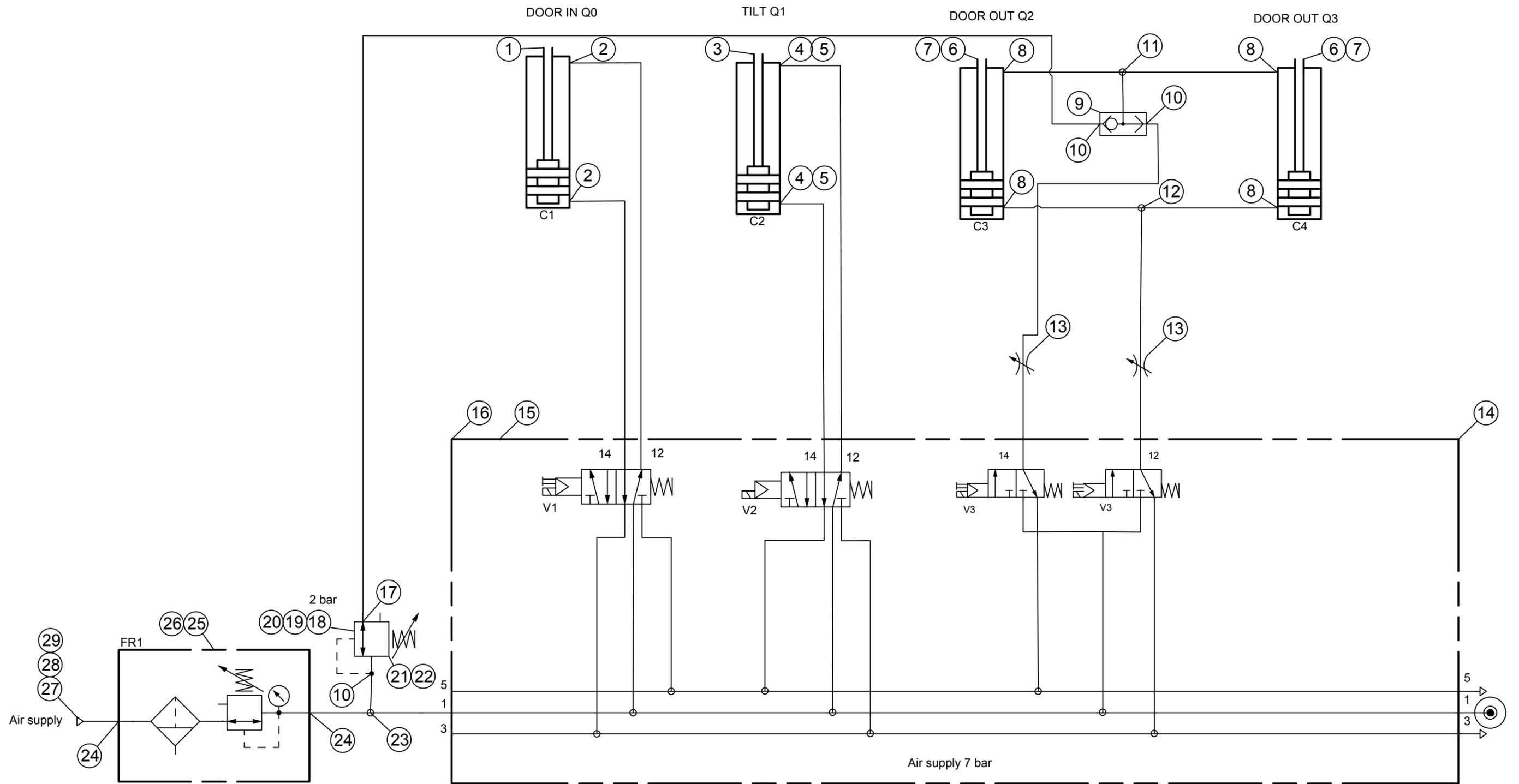
Last prt: 25-07-2017

Last changed: 13-06-2016

Case no: Skindrum 2015-03

Page ref.: +A0

Page: 10 of 14



Alle kanter reifes
Breake all edges

	Scale:	Ikke angivet tolerancer iht./ Not specified tolerance according to:	Sheet size:
		DS/ISO 2768-m	A3
	Material:	Overfl. beskaffenhed/Surface properties:	Sheet:
		No	1/1
Part No.:	Description:		
190069	HG Skindrum 2016		
	Description:		

REV	DESCRIPTION	DATE	APPROVED
02	12/14 changed on V3	24-10-2017	KL
01	Made	05-10-2016	MRH
REVISION HISTORY			



Hedensted Gruppen A/S

Diagram		Airdiagram Skindrum 2016_02		Rev: 01
Bom no.		Parts list Airdiagram Skindrum 2016_02		Sign. KL
Title		HG Skindrum 2016		
Pos	Qty	Description	HG no.	Supplier no.
C1	1	Cylinder PRA/182040/M/250	M101624	PRA/182040/M/250
C2	1	Cylinder PRA/182100/M/100	M101623	PRA/182100/M/100
C3 + C4	2	Cylinder RT-57232-M-160	M102075	RT-57232-M-160
V1 + V2 + V3	1	Ramp valve AV03x4-DSUB25	M101643	R480753132
FR1	1	Regulator with filter 1/4" 0,3-10 bar (Auto drain)	197329	B92G-2GK-AT1-RMG
1	1	UF bracket QM/8040/32	M101451	QM/8040/32
2	2	Flow control Banjo $\varnothing 6 \times 1/4''$	215992	C0K510628
3	1	F-Joint QM/8080/25	214128	QM/8080/25
4	2	Flow control banjo $\varnothing 8 \times 1/2''$	M101641	C0K510848
5	2	Reduction stem $\varnothing 8$ pipe $\times \varnothing 6$	216683	C00230806
6	2	F-Bracket QM/57032/25	214130	QM/57032/25
7	2	Lock nut M10x1,25 FZB	210427	M10x1,25 FZB
8	4	Elbow swivel $\varnothing 6 \times 1/8''t$	215730	C01470618
9	1	Valve, shuttle 1/8"	215405	T65C1800
10	3	Elbow swivel $\varnothing 6 \times 1/8''$	215760	C02470618
11	1	Y-connector $2 \times \varnothing 6 \times 1/8''$	215887	C02880618
12	1	Y-connector $2 \times \varnothing 6 \times \varnothing 6$	215860	C00820600
13	2	Flow control In-line $\varnothing 6 \times \varnothing 6$	215620	C00GE0600
14	1	Ramp valve AV03x4-DSUB25	M101643	R480753132
15	2	Plug $\varnothing 6$ mm	216748	110040600
16	4	Hexagon cylinder head M4x16 FZB	10204016	ISO 4762, 8.8, FZB
17	1	Elbow swivel $\varnothing 8 \times 1/8''$	216536	C02470818
18	1	Regulator 1/8" 0,3-3,5 bar	216205	R07-100-RNEG
19	1	Nut, panel mount 2962-89	206694	2962-89
20	1	Gauge 0-4Bar 1/8" $\varnothing 50$ mm	215538	18-013-011
21	1	C-Bracket M/P71273/3	214180	ISO 6431
22	2	Hexagon bolt M6x10 FZB	11406010	ISO 4017, 8.8, FZB
23	1	Y-connector $2 \times \varnothing 8 \times \varnothing 8$	215870	C00820800
24	2	Elbow swivel $\varnothing 8 \times 1/4''$	216537	C02470828
25	4	Buttonhead bolt M6x16 FZB	76006016	ISO 7380, 10.9, FZB
26	4	Self-locking nut M6 FZB	17906000	DIN 985, 8.8, FZB
27	1	Elbow swivel $\varnothing 8 \times 1/4''t$	M101466	C01470828
28	1	Elbow 1/4"t $\times 1/4''$ (M/F)	216358	150430028
29	1	Quick release coupling Plug 1/4" female	217040	CEJN 320