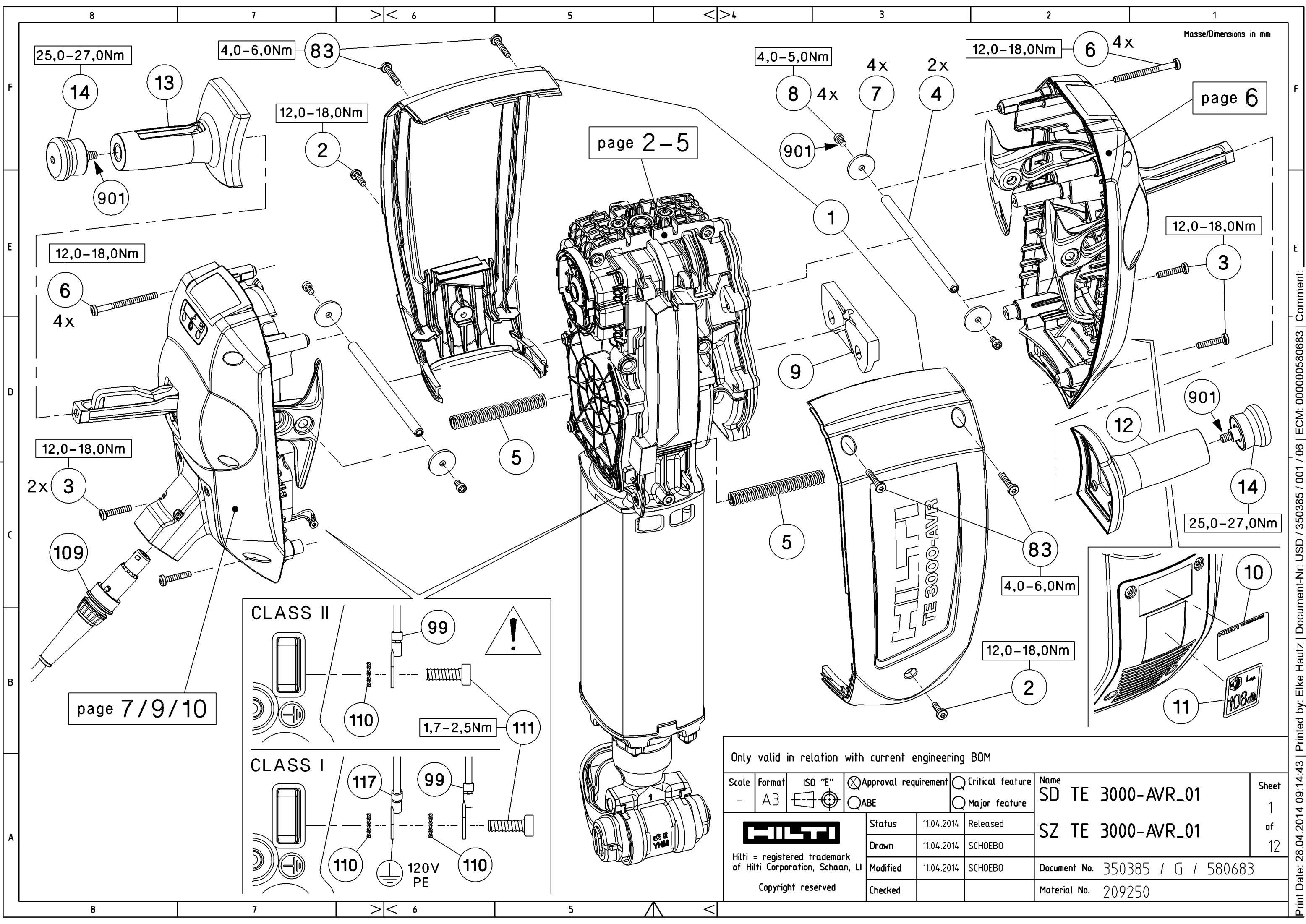


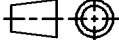


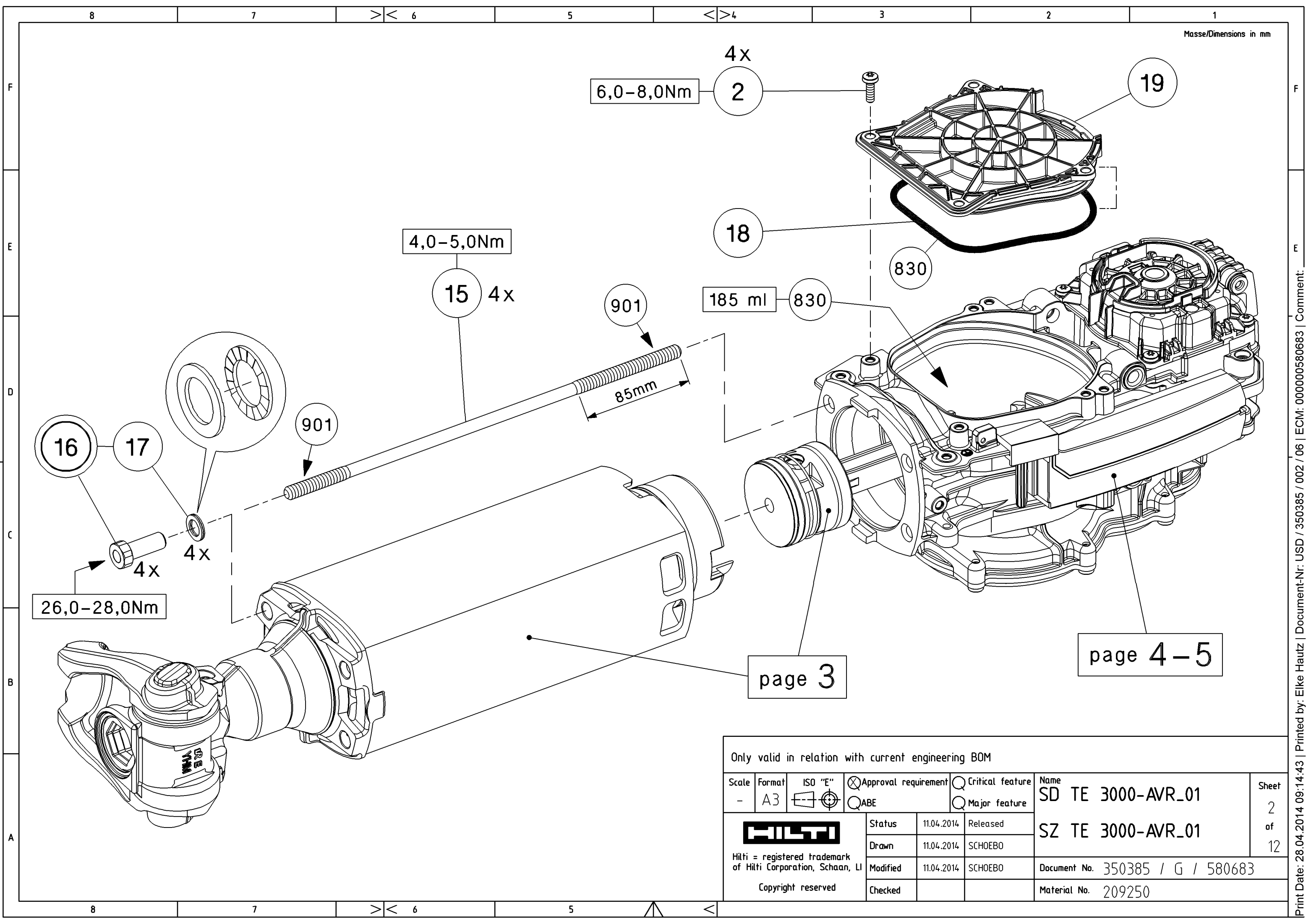
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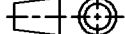
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CLASS I

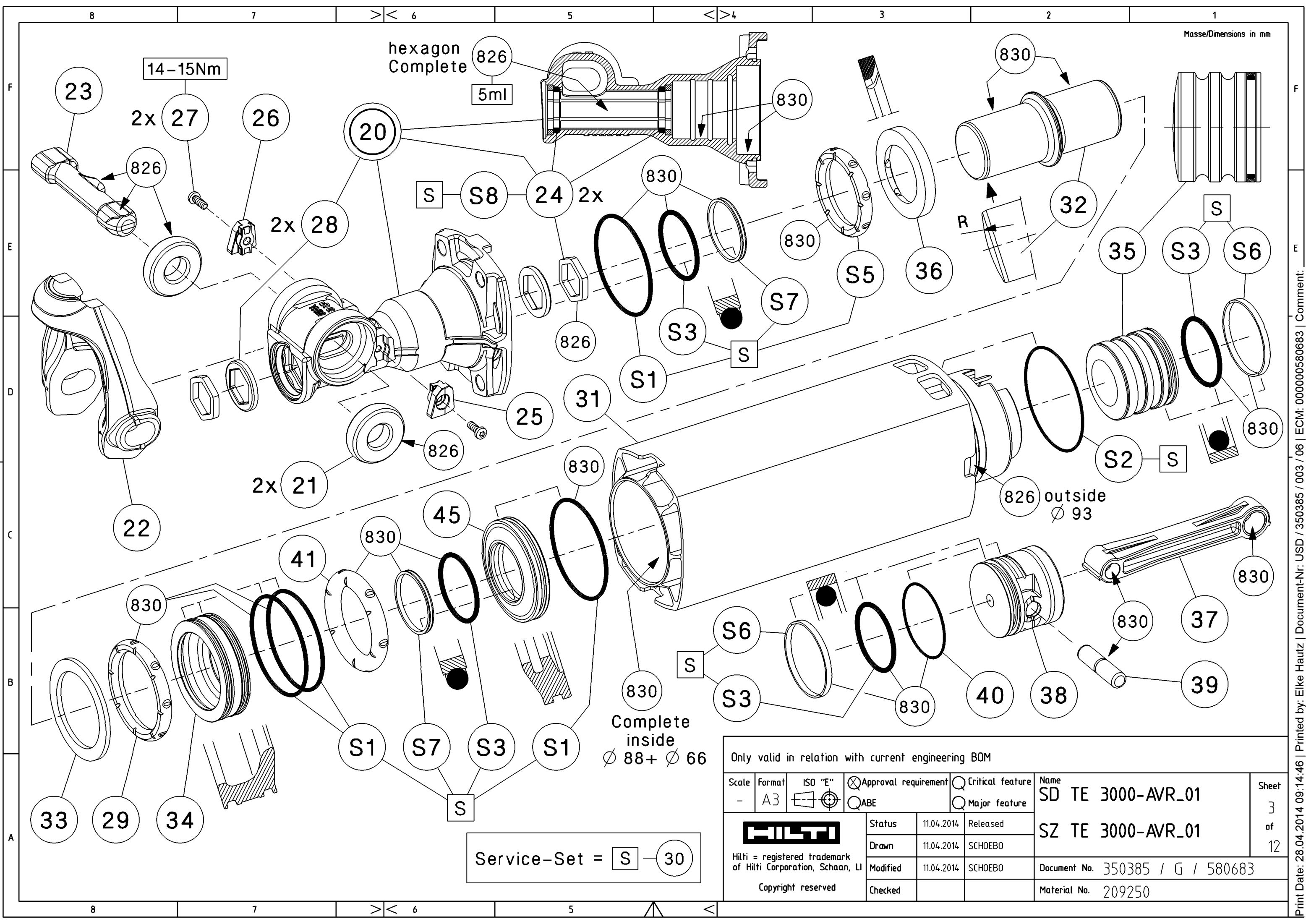
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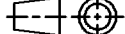
Only valid in relation with current engineering BOM								
Scale	Format	ISO "E"	☒ Approval requirement		☐ Critical feature		Name SD TE 3000-AVR_01 SZ TE 3000-AVR_01	Sheet 1 of 12
-	A3		☐ ABE		☐ Major feature			
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			Drawn	11.04.2014	SCHOEBO			
			Modified	11.04.2014	SCHOEBO			
			Checked					



Only valid in relation with current engineering BOM							
Scale	Format	ISO "E"	☒ Approval requirement	☐ Critical feature	Name		Sheet
-	A3		☐ ABE	☐ Major feature			
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			Drawn	11.04.2014	SCHOEBO		
			Modified	11.04.2014	SCHOEBO		
			Checked				
					Document No.	350385 / G / 580683	
					Material No.	209250	

Print Date: 28.04.2014 09:14:43 | Printed by: Elke Hantz | Document-Nr: USD / 350385 / 002 / 06 | ECM: 00000580683 | Comment:



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Scale	Format	ISO "E"	☒ Approval requirement	☐ Critical feature	Name SD TE 3000-AVR_01	Sheet 3 of 12
-	A3		☐ ABE	☐ Major feature		
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			Drawn	11.04.2014	SCHOEBO	
			Modified	11.04.2014	SCHOEBO	
			Checked			
			Document No. 350385 / G / 580683			
			Material No. 209250			

Print Date: 28.04.2014 09:14:46 | Printed by: Elke Hantz | Document-Nr: USD / 350385 / 003 / 06 | ECM: 00000580683 | Comment:

Exploded view diagram of a mechanical assembly. The diagram shows various components and their assembly sequence, indicated by numbered callouts (1-54). Key components include a main housing (1), a motor (2), a gear (3), a shaft (4), a pin (5), a bracket (6), a cover (7), a seal (8), a gasket (9), a plate (10), a screw (11), a nut (12), a washer (13), a bush (14), a pin (15), a spring (16), a pin (17), a pin (18), a pin (19), a pin (20), a pin (21), a pin (22), a pin (23), a pin (24), a pin (25), a pin (26), a pin (27), a pin (28), a pin (29), a pin (30), a pin (31), a pin (32), a pin (33), a pin (34), a pin (35), a pin (36), a pin (37), a pin (38), a pin (39), a pin (40), a pin (41), a pin (42), a pin (43), a pin (44), a pin (45), a pin (46), a pin (47), a pin (48), a pin (49), a pin (50), a pin (51), a pin (52), a pin (53), a pin (54).

Assembly instructions and torque specifications:

- 7,0–9,0Nm
- 12,0–14,0Nm
- 80 ml
- 2x
- 7x
- 2x

Technical specifications table:

Scale	Format	ISO "E"	Approval requirement	Critical feature	Major feature	Name	Sheet
-	A3		☒ Approval requirement	☐ Critical feature	☐ Major feature	SD TE 3000-AVR_01	4
			☐ ABE	☐ Major feature		SZ TE 3000-AVR_01	of
						Document No. 350385 / G / 580683	12
						Material No. 209250	

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Exploded view diagram of a mechanical assembly. The diagram shows various components and their assembly sequence, indicated by numbered callouts (1-54). Key components include a main housing (1), a motor (2), a gear (3), a shaft (4), a pin (5), a bracket (6), a cover (7), a seal (8), a bearing (9), a pin (10), a gear (11), a shaft (12), a pin (13), a bracket (14), a cover (15), a seal (16), a bearing (17), a pin (18), a bracket (19), a cover (20), a seal (21), a bearing (22), a pin (23), a bracket (24), a cover (25), a seal (26), a bearing (27), a pin (28), a bracket (29), a cover (30), a seal (31), a bearing (32), a pin (33), a bracket (34), a cover (35), a seal (36), a bearing (37), a pin (38), a bracket (39), a cover (40), a seal (41), a bearing (42), a pin (43), a bracket (44), a cover (45), a seal (46), a bearing (47), a pin (48), a bracket (49), a cover (50), a seal (51), a bearing (52), a pin (53), a bracket (54).

Assembly instructions and torque specifications:

- 7,0–9,0Nm
- 80 ml
- 12,0–14,0Nm

Technical specifications table:

Scale	Format	ISO "E"	Approval requirement	Critical feature	Name	Sheet
-	A3	☒	☒	☒	SD TE 3000-AVR_01	4
		☒	☒	☒	SZ TE 3000-AVR_01	of
					Document No. 350385 / G / 580683	12
					Material No. 209250	

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Exploded view diagram of a mechanical assembly. The diagram shows various components and their assembly sequence, indicated by numbered callouts (1-54). Key components include a main housing (1), a motor (2), a gear (3), a shaft (4), a pin (5), a bracket (6), a cover (7), a seal (8), a gasket (9), a plate (10), a screw (11), a nut (12), a washer (13), a bush (14), a pin (15), a spring (16), a ball (17), a roller (18), a pin (19), a bush (20), a pin (21), a bush (22), a pin (23), a bush (24), a pin (25), a bush (26), a pin (27), a bush (28), a pin (29), a bush (30), a pin (31), a bush (32), a pin (33), a bush (34), a pin (35), a bush (36), a pin (37), a bush (38), a pin (39), a bush (40), a pin (41), a bush (42), a pin (43), a bush (44), a pin (45), a bush (46), a pin (47), a bush (48), a pin (49), a bush (50), a pin (51), a bush (52), a pin (53), a bush (54).

Assembly instructions and torque specifications:

- 7,0–9,0Nm
- 12,0–14,0Nm
- 80 ml
- 2x
- 7x
- 2x

Technical specifications table:

Scale	Format	ISO "E"	Approval requirement	Critical feature	Major feature	Name	Sheet
-	A3		☒ Approval requirement	☐ Critical feature	☐ Major feature	SD TE 3000-AVR_01	4
			☐ ABE	☐ Major feature		SZ TE 3000-AVR_01	of
						Document No. 350385 / G / 580683	12
						Material No. 209250	

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Additional information: Only valid in relation with current engineering BOM.

The diagram shows an exploded view of a mechanical assembly. Key components and their callouts include:

- 42**: A vertical shaft or pin.
- 43**: A circular flange or seal.
- 44**: A small circular component, possibly a washer or seal.
- 46**: A long screw or bolt, shown in two locations.
- 47**: A large gear or flywheel.
- 48**: A small circular component.
- 49**: A small pin or screw, shown as 2x.
- 50**: A large, irregularly shaped base plate or housing.
- 51**: A small gear or pinion.
- 52**: A small circular component.
- 53**: A long, thin component, possibly a lever or arm.
- 54**: A bracket or support structure.
- 826**: A small circular component, shown in multiple locations.
- 830**: A small rectangular component.
- 10**: A circular component with internal structure.

Assembly instructions and specifications:

- 12,0–14,0Nm**: Torque specification for screws 2.
- 7,0–9,0Nm**: Torque specification for screws 2.
- 80 ml**: Volume specification for a component.
- page 5**: Reference to another page.
- page 8**: Reference to another page.

Legend:

- i**: Information icon.
- !**: Warning icon.

Table:

Scale	Format	ISO "E"	Approval requirement	Critical feature	Major feature	Name	Sheet
-	A3		☒ Approval requirement	☐ Critical feature	☐ Major feature	SD TE 3000-AVR_01	4 of 12
						SZ TE 3000-AVR_01	
						Document No. 350385 / G / 580683	
						Material No. 209250	

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Modified: 11.04.2014 SCHOEBO
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The diagram shows an exploded view of a mechanical assembly. Key components and their callouts include:

- 42**: A vertical shaft or pin.
- 43**: A circular flange or seal.
- 44**: A small circular component, possibly a washer or seal.
- 46**: A long screw or bolt, shown in two locations.
- 47**: A large gear or flywheel.
- 48**: A small circular component.
- 49**: A small pin or screw, shown as 2x.
- 50**: A large, irregularly shaped base plate or housing.
- 51**: A small gear or pinion.
- 52**: A small circular component.
- 53**: A long, thin component, possibly a lever or arm.
- 54**: A bracket or support structure.
- 826**: A small circular component, shown in multiple locations.
- 830**: A small rectangular component.
- 10**: A circular component with internal structure.

Assembly instructions and specifications:

- 12,0–14,0Nm**: Torque specification for screws 2.
- 7,0–9,0Nm**: Torque specification for screws 2.
- 80 ml**: Volume specification for a component.
- page 5**: Reference to another page.
- page 8**: Reference to another page.

Legend:

- i**: Information icon.
- !**: Warning icon.

Table:

Scale	Format	ISO "E"	Approval requirement	Critical feature	Major feature	Name	Sheet
-	A3		☒ Approval requirement	☐ Critical feature	☐ Major feature	SD TE 3000-AVR_01	4 of 12
						SZ TE 3000-AVR_01	
						Document No. 350385 / G / 580683	
						Material No. 209250	

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Modified: 11.04.2014 SCHOEBO
Checked:

The diagram shows an exploded view of a mechanical assembly. Key components and their callouts include:

- 42**: A vertical shaft or pin.
- 43**: A circular flange or seal.
- 44**: A small circular component, possibly a washer or seal.
- 46**: A long screw or bolt, shown in two locations.
- 47**: A large gear.
- 48**: A small pin or screw.
- 49**: A small pin or screw, shown with a "2x" quantity.
- 50**: A large, irregularly shaped base plate or housing.
- 51**: A small circular component.
- 52**: A small circular component.
- 53**: A long, thin component, possibly a lever or arm.
- 54**: A bracket or support structure.
- 826**: A small circular component, shown in multiple locations.
- 830**: A small rectangular component.
- 10**: A circular component with internal structure.

Assembly instructions and specifications:

- 12,0–14,0Nm**: Torque specification for the screws labeled **2**.
- 7,0–9,0Nm**: Torque specification for the screws labeled **2** in the upper right section.
- 80 ml**: Volume specification for a component.
- page 5**: Reference to another page in the manual.
- page 8**: Reference to another page in the manual, accompanied by an information icon (*i*).

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Scale	Format	ISO "E"	☒ Approval requirement	☐ Critical feature
-	A3		☐ ABE	☐ Major feature

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Name
SD TE 3000-AVR_01

SZ TE 3000-AVR_01

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Material No. 209250

Sheet
4
of
12

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The diagram shows an exploded view of a mechanical assembly. Key components and their callouts include:

- 42**: A vertical shaft or pin.
- 43**: A circular flange or seal.
- 44**: A small circular component, possibly a washer or seal.
- 46**: A long screw or bolt, shown in two locations.
- 47**: A large gear.
- 48**: A small pin or screw.
- 49**: A small pin or screw, labeled "2x".
- 50**: A large, irregularly shaped base plate.
- 51**: A small circular component.
- 52**: A small circular component.
- 53**: A long, thin component, possibly a lever or arm.
- 54**: A bracket or support.
- 826**: A small circular component, shown in multiple locations.
- 830**: A small rectangular component.
- 10**: A circular component with internal structure.

Assembly instructions and specifications:

- 12,0–14,0Nm**: Torque specification for screw 2.
- 7x**: Quantity of screw 2.
- 7,0–9,0Nm**: Torque specification for screws 2.
- 80 ml**: Volume specification for component 51.
- 8**, **7**, **6**, **5**, **4**, **3**, **2**, **1**: Column numbers at the top.
- page 5**: Reference to another page.
- page 8**: Reference to another page.

Information Box:

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Scale	Format	ISO "E"	Approval requirement	Critical feature	Name	Sheet
-	A3		☒ Approval requirement	☐ Critical feature	SD TE 3000-AVR_01	4
			☐ ABE	☐ Major feature	SZ TE 3000-AVR_01	of
						12

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Drawn	11.04.2014	SCHOEBO
Modified	11.04.2014	SCHOEBO
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Document No. 350385 / G / 580683

Material No. 209250

The diagram shows an exploded view of a mechanical assembly. Key components and their callouts include:

- 42**: A vertical shaft or pin.
- 43**: A circular flange or seal.
- 44**: A small circular component, possibly a washer or seal.
- 46**: A long screw or bolt, shown in two locations.
- 47**: A large gear.
- 48**: A small pin or screw.
- 49**: A small pin or screw, labeled "2x".
- 50**: A large, irregularly shaped base plate.
- 51**: A small circular component.
- 52**: A small circular component.
- 53**: A long, thin component, possibly a lever or arm.
- 54**: A bracket or support.
- 826**: A small circular component, shown in multiple locations.
- 830**: A small rectangular component.
- 10**: A circular component with internal structure.

Assembly instructions and specifications:

- 12,0–14,0Nm**: Torque specification for screw 2.
- 7x**: Quantity of screw 2.
- 7,0–9,0Nm**: Torque specification for screws 2.
- 80 ml**: Volume specification for component 51.
- 8**, **7**, **6**, **5**, **4**, **3**, **2**, **1**: Column numbers at the top.
- page 5**: Reference to another page.
- page 8**: Reference to another page.

Information Box:

Only valid in relation with current engineering BOM

Scale	Format	ISO "E"	Approval requirement	Critical feature	Name	Sheet
-	A3		☒ Approval requirement	☐ Critical feature	SD TE 3000-AVR_01	4
			☐ ABE	☐ Major feature	SZ TE 3000-AVR_01	of
						12

HILTI

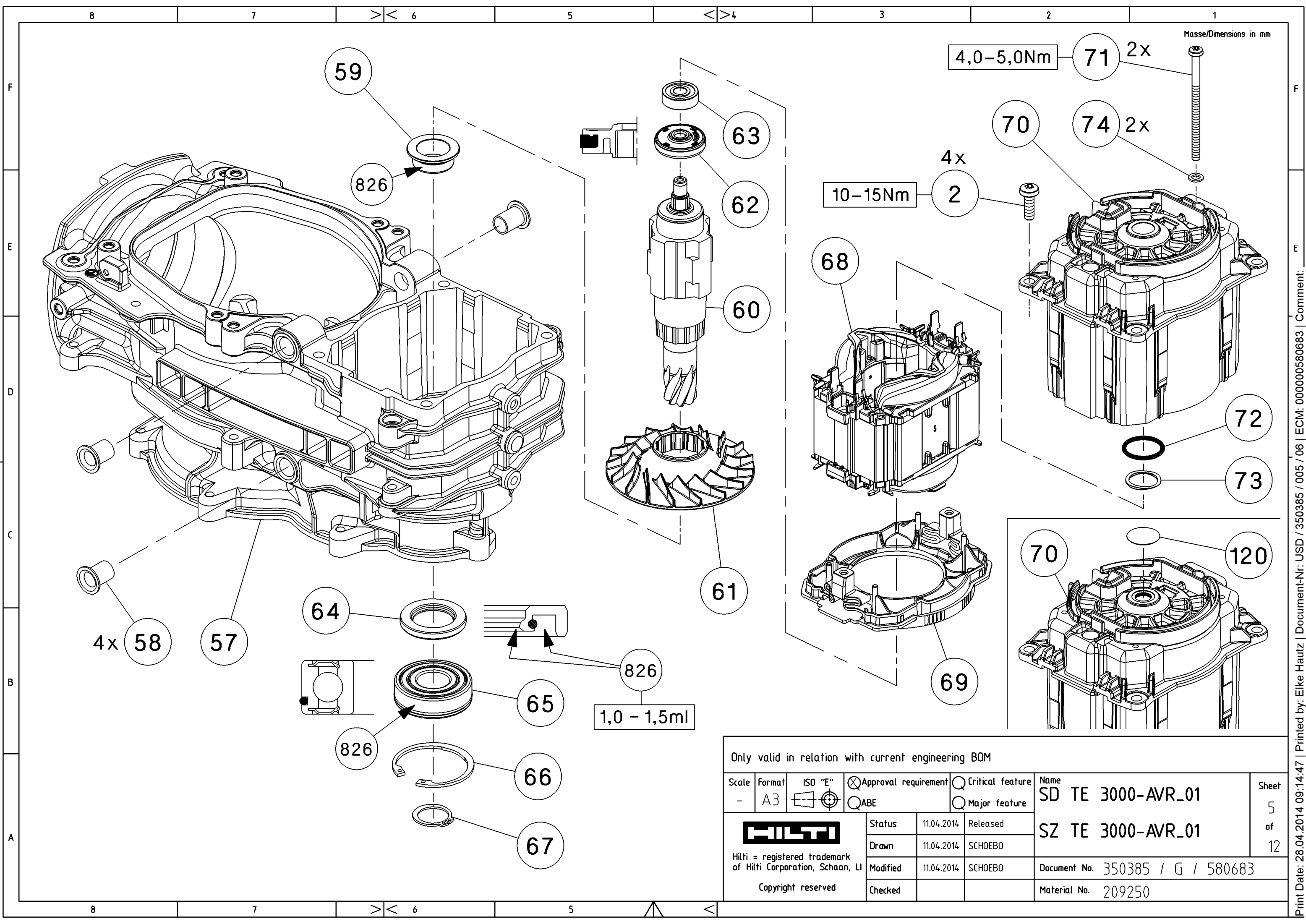
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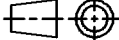
Copyright reserved

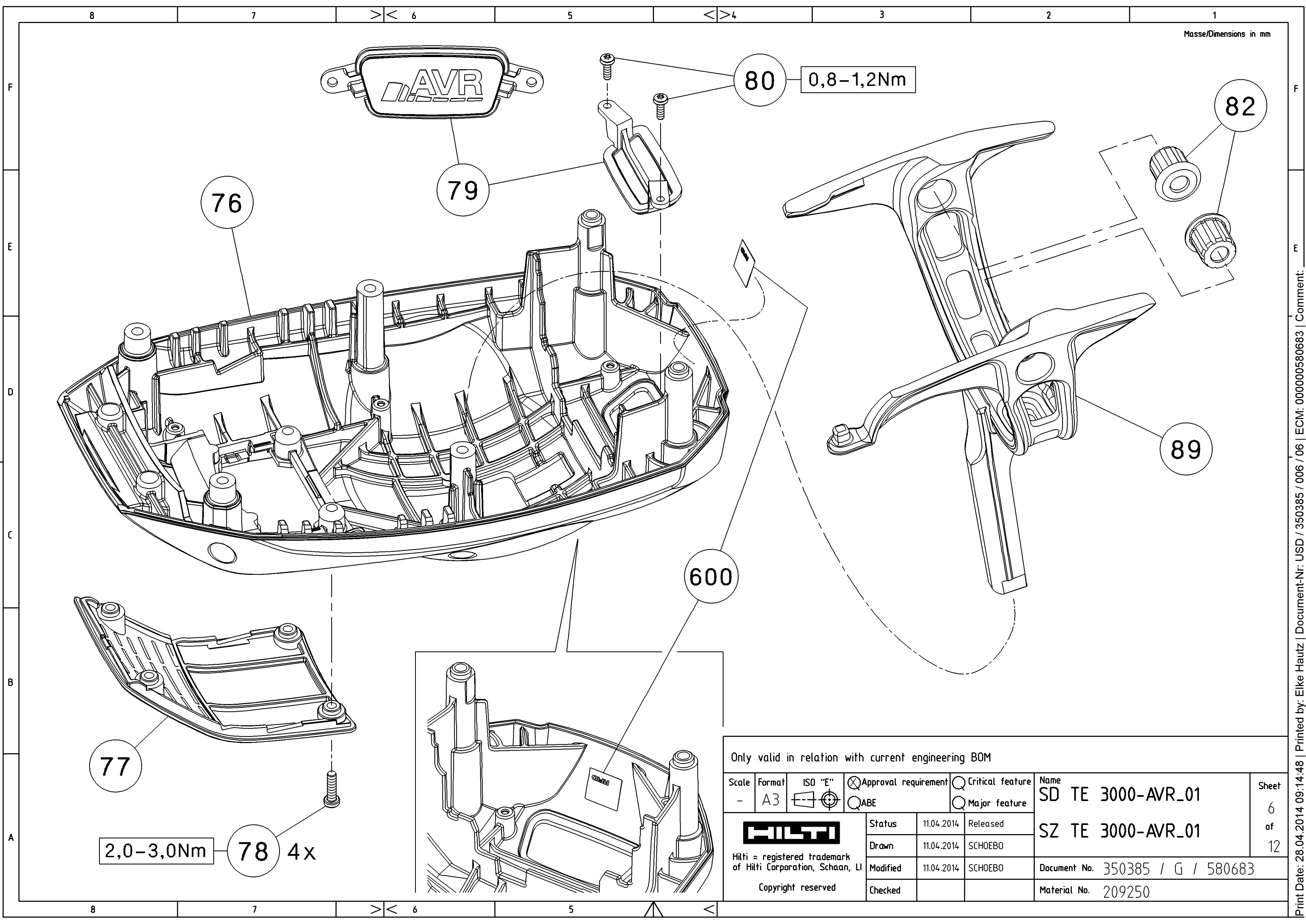
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Drawn	11.04.2014	SCHOEBO
Modified	11.04.2014	SCHOEBO
Checked		

Document No. 350385 / G / 580683

Material No. 209250



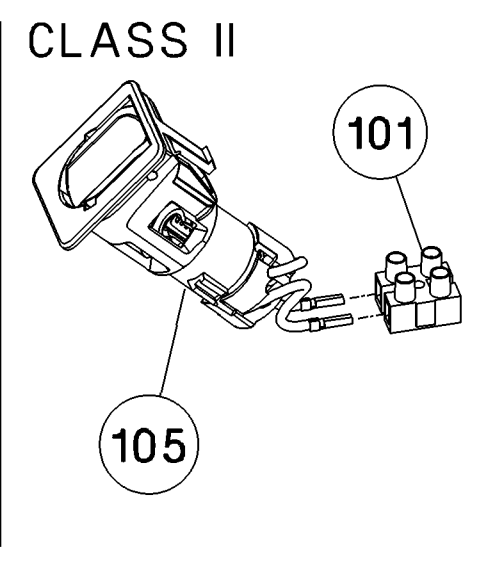
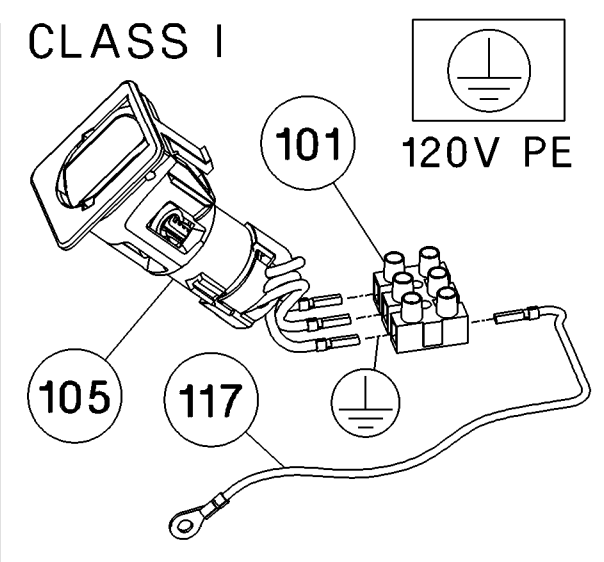
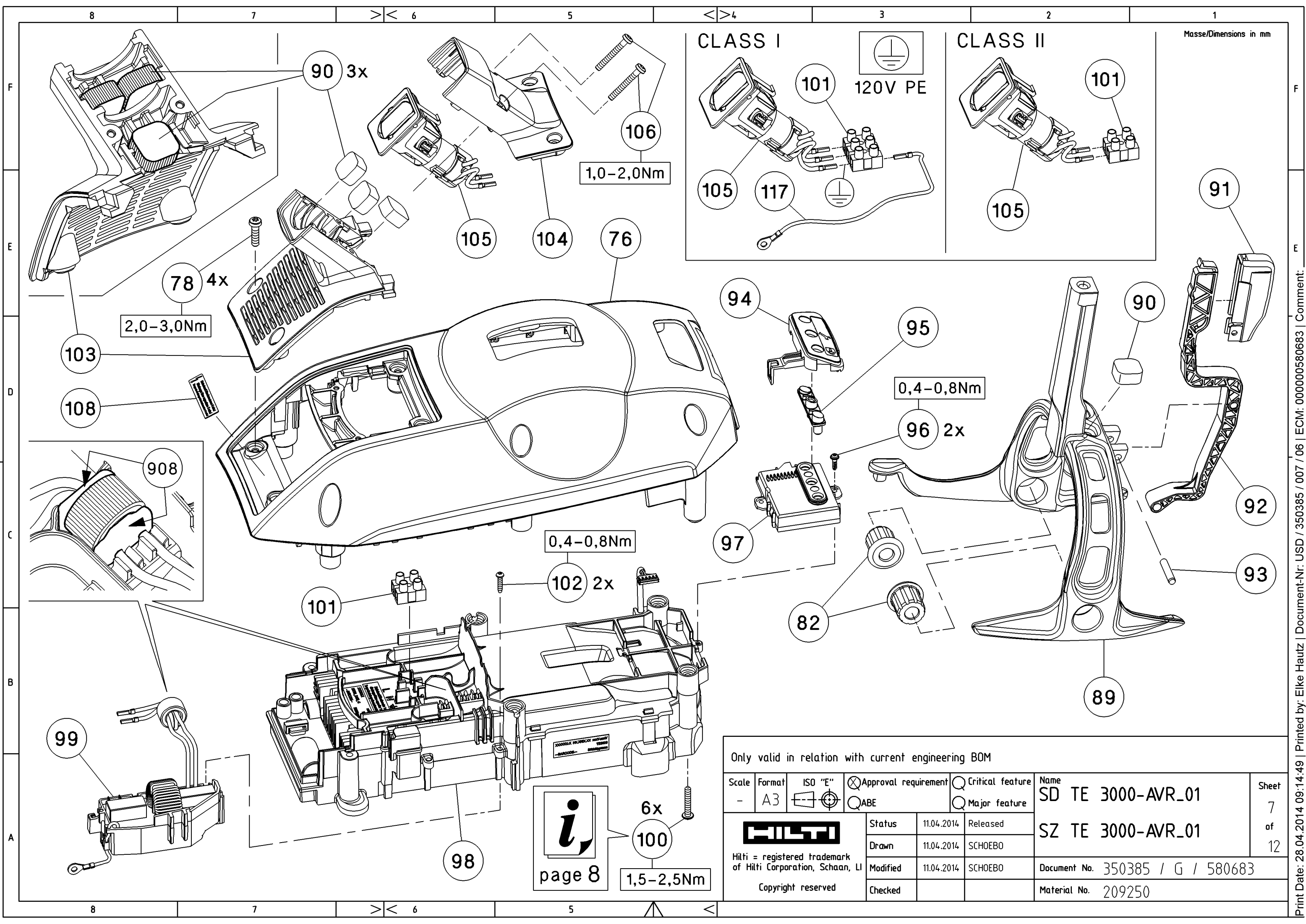
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Scale	Format	ISO "E"	☒ Approval requirement		☐ Critical feature		Name SD TE 3000-AVR_01 SZ TE 3000-AVR_01		Sheet 5 of 12
-	A3		☐ ABE		☐ Major feature				
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			Drawn	11.04.2014	SCHOEBO				
			Modified	11.04.2014	SCHOEBO	Document No. 350385 / G / 580683			
			Checked			Material No. 209250			



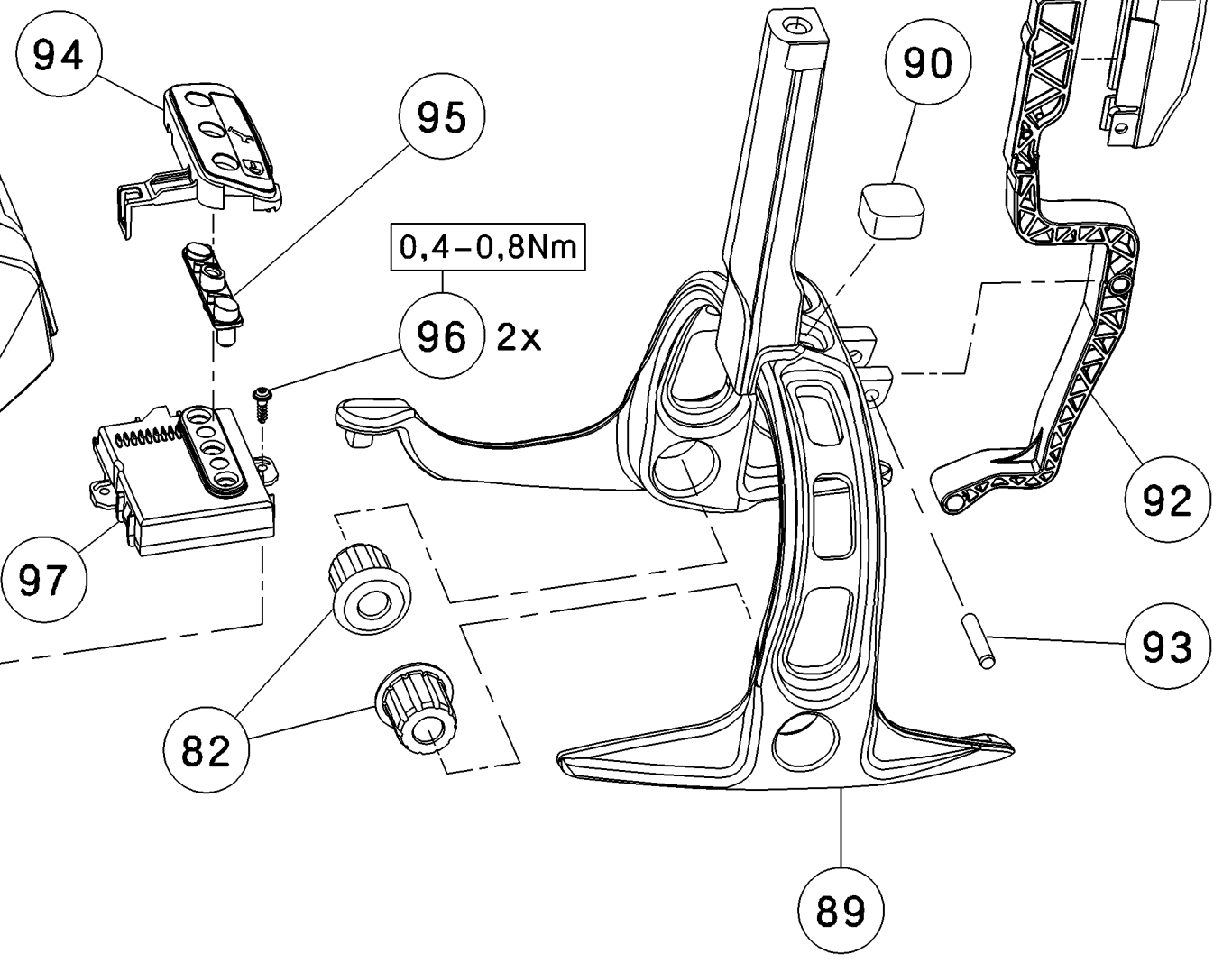
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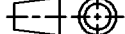
Only valid in relation with current engineering BOM

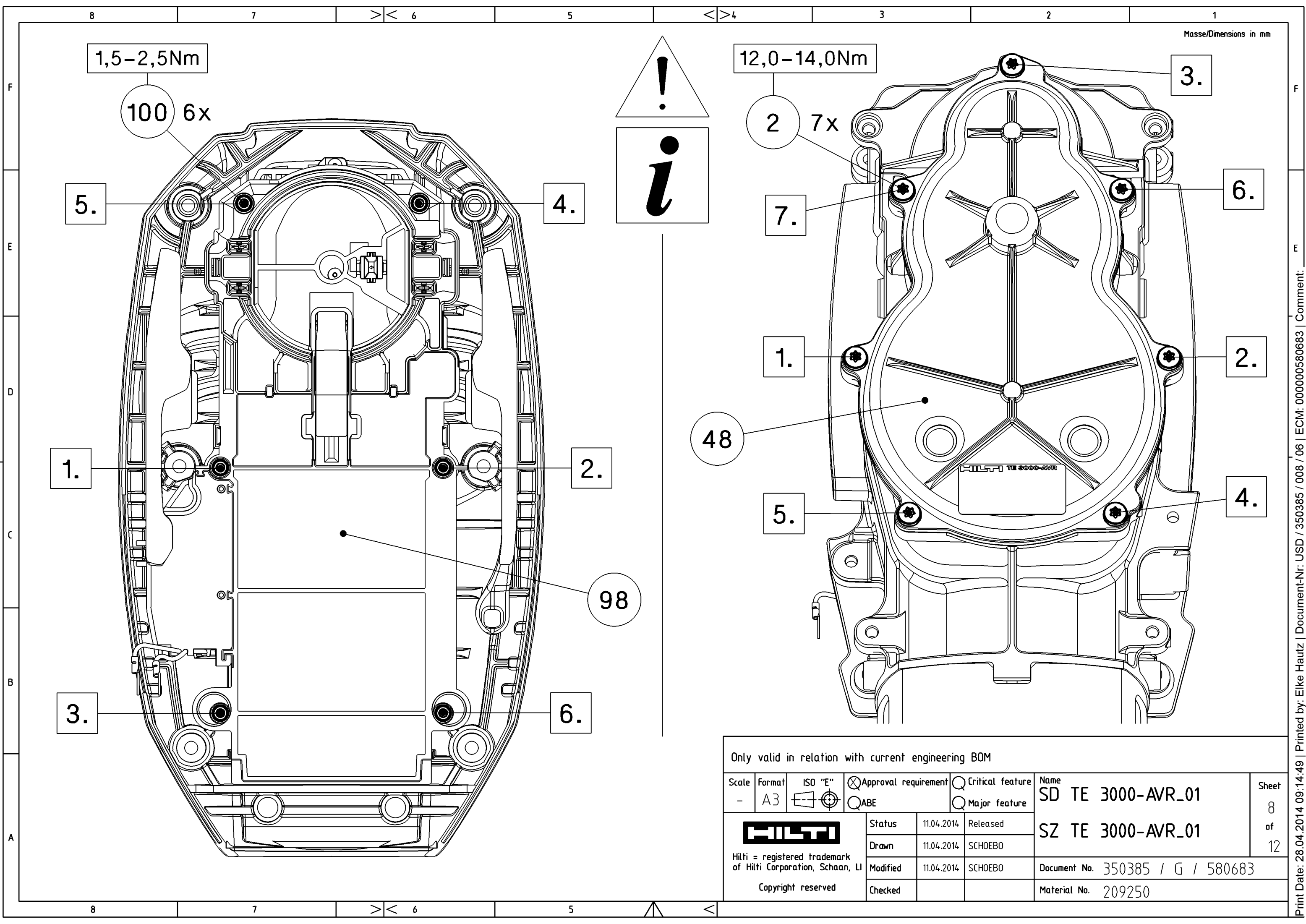
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Drawn	11.04.2014	SCHOEBO				
Modified	11.04.2014	SCHOEBO				
Checked						



Masse/Dimensions in mm



Only valid in relation with current engineering BOM								
Scale	Format	ISO "E"	☒ Approval requirement	☐ Critical feature	Name SD TE 3000-AVR_01		Sheet 7 of 12	
-	A3		☐ ABE	☐ Major feature				
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			Modified	11.04.2014	SCHOEBO	Document No.	350385 / G / 580683	
			Checked			Material No.	209250	



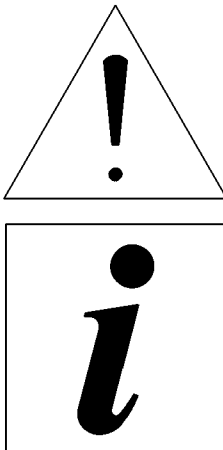
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1,5–2,5Nm

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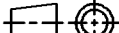
12,0–14,0Nm

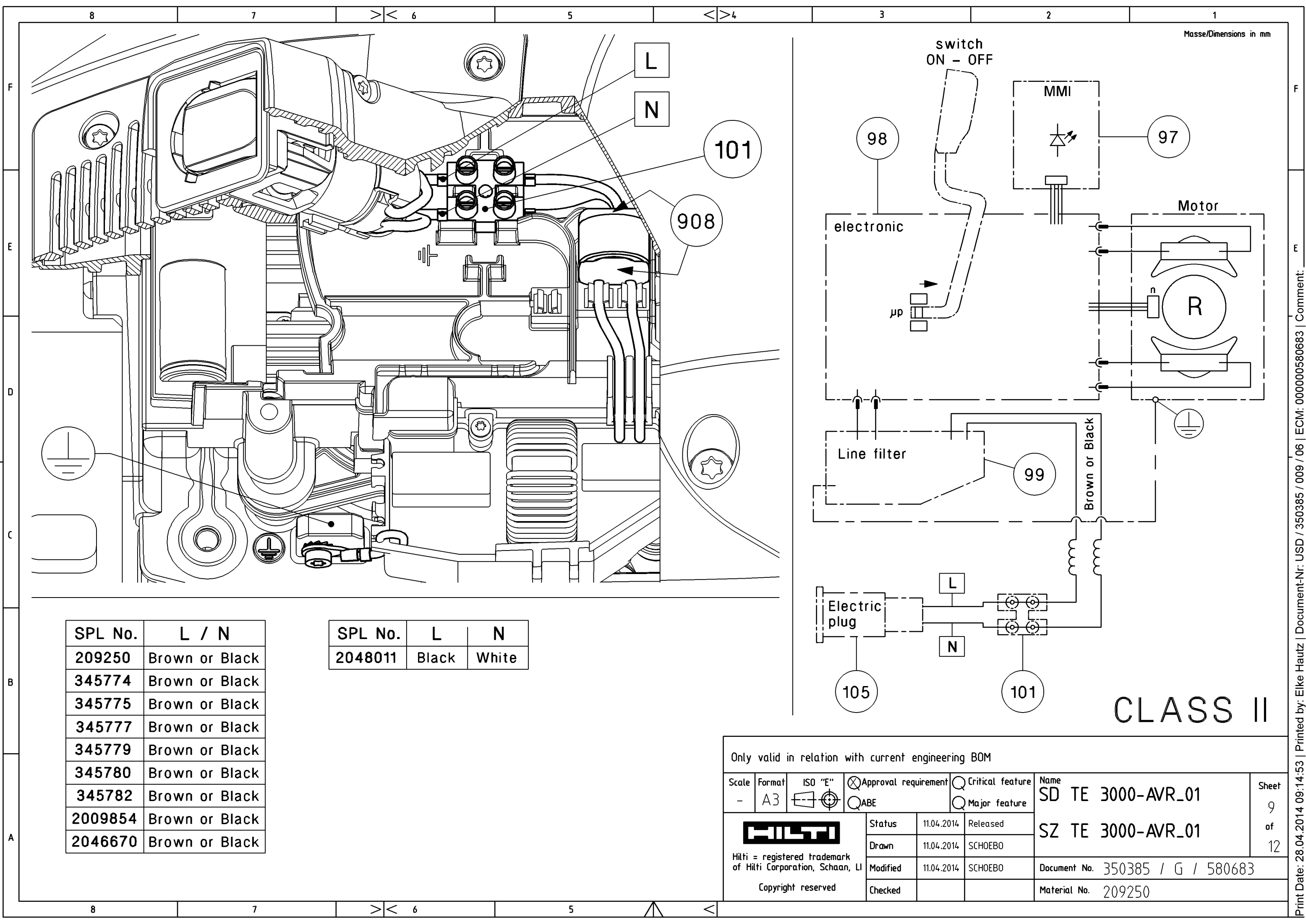
2 7x



48

98

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Scale	Format	ISO "E"	☒ Approval requirement		☐ Critical feature		Name		Sheet
-	A3		☐ ABE		☐ Major feature				
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			Drawn	11.04.2014	SCHOEBO				
			Modified	11.04.2014	SCHOEBO	Document No. 350385 / G / 580683			
			Checked					Material No. 209250	

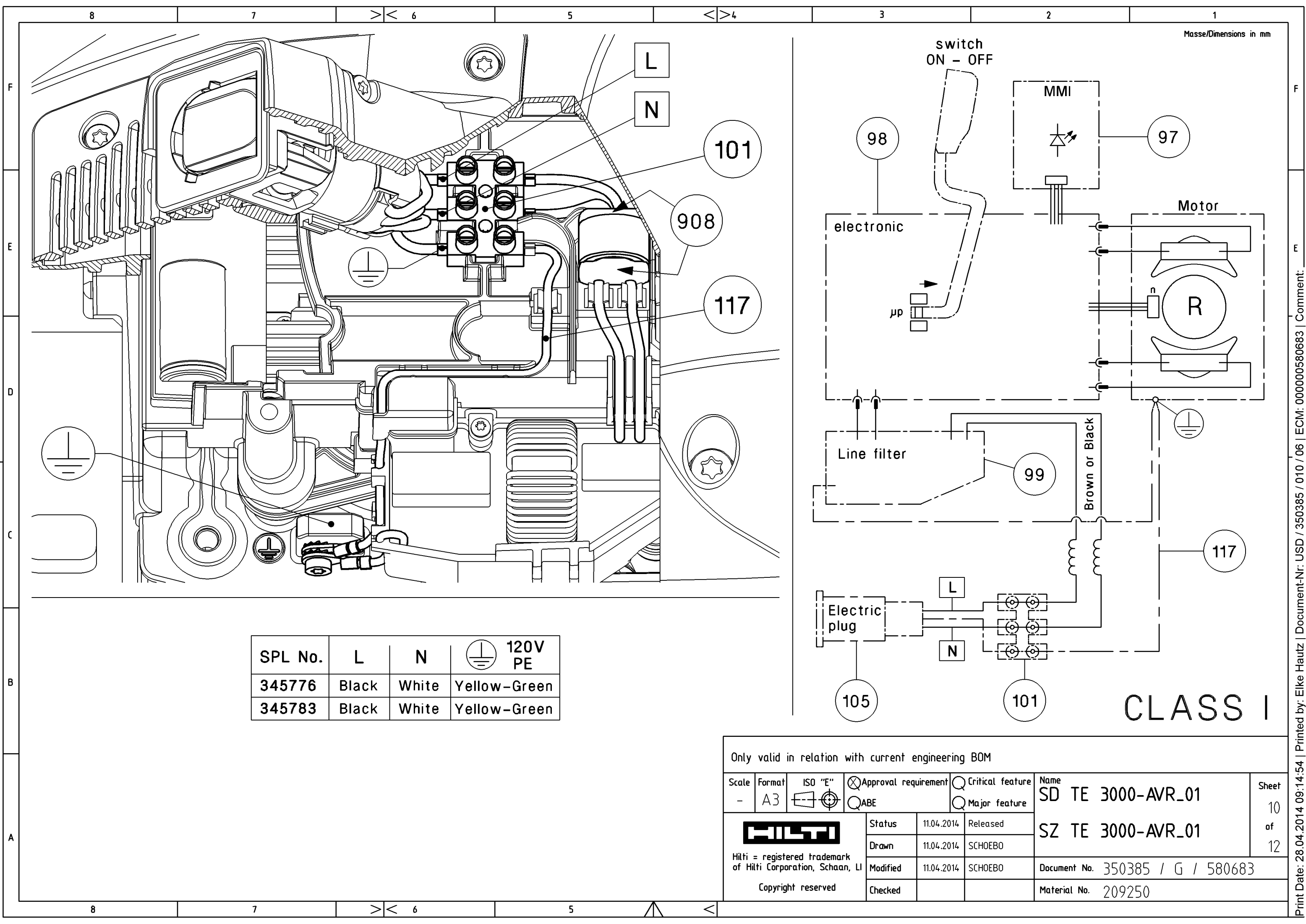


SPL No.	L / N
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345774	Brown or Black
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345782	Brown or Black
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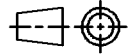
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Only valid in relation with current engineering BOM

Scale	Format	ISO "E"	☒ Approval requirement	☐ Critical feature	Name	Sheet
-	A3		☐ ABE	☐ Major feature	SD TE 3000-AVR_01	9
						of
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Status	11.04.2014	Released	SZ TE 3000-AVR_01			
Drawn	11.04.2014	SCHOEBO	Document No. 350385 / G / 580683			
Modified	11.04.2014	SCHOEBO	Material No. 209250			
Checked						



SPL No.	L	N	 120V PE
345776	Black	White	Yellow-Green
345783	Black	White	Yellow-Green

Only valid in relation with current engineering BOM								
Scale	Format	ISO "E"	☒ Approval requirement	☐ Critical feature	Name	Sheet		
-	A3		☐ ABE	☐ Major feature				
 Hilti = registered trademark of Hilti Corporation, Schaan, LI Copyright reserved			Status	11.04.2014	Released		SD TE 3000-AVR_01	
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			Modified	11.04.2014	SCHOEBO			
			Checked					
			Document No.		350385 / G / 580683			
			Material No.		209250			

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