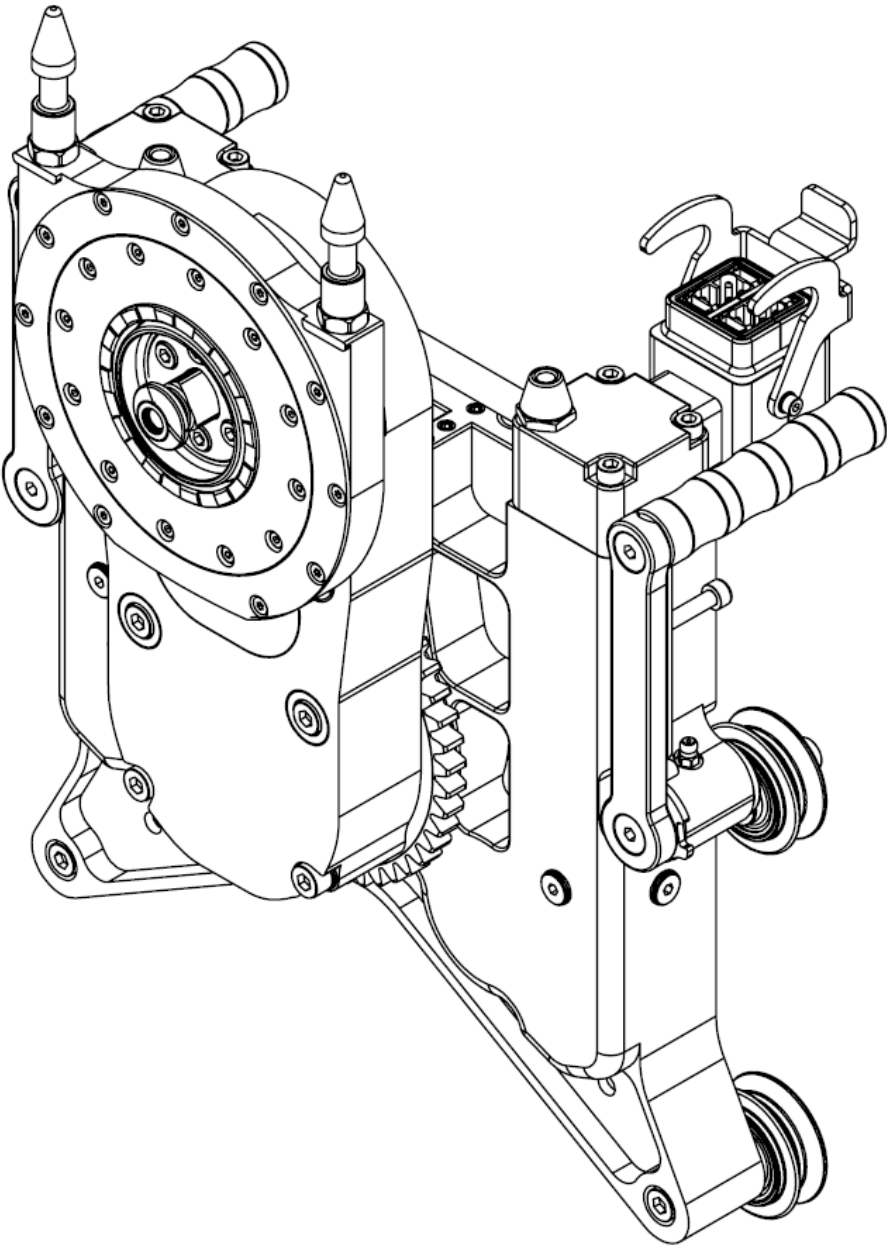


Pentrunder[®] CONCRETE CUTTING SYSTEMS	Spare part and maintenance list for Pentrunder 6-12HF and 6-10HF Wall saw			
	Unit: Pentrunder 6-12HF Pentrunder 6-10HF	Date 2022-06-16	Rev 1 (190508)	File Spare part and maintenance list for Pentrunder 6-12HF and 6-10HF.pdf



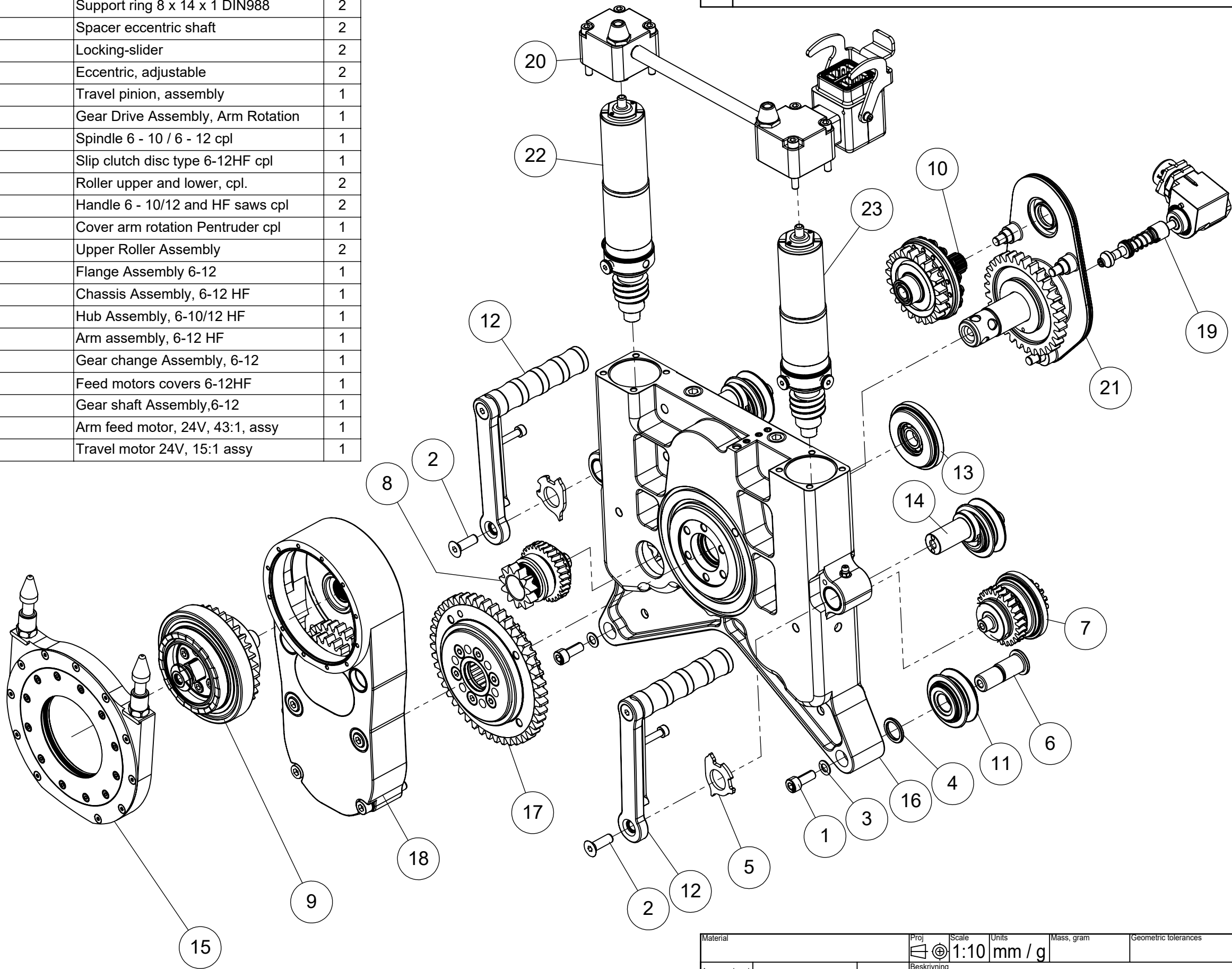
2020-09-02 Model: 6-12HF Assy Rev:

Draft

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ITEM NO.	PART/ASSY NUMBER	DESCRIPTION	QTY.
1	121008020-109A4	Allen screw DIN912 M8x20 10.9 A4	2
2	123008025-10.9FZ	C/S Allen screw DIN7991 M8x25 10.9Z	2
3	22110810	Support ring 8 x 14 x 1 DIN988	2
4	22140100	Spacer eccentric shaft	2
5	28010200	Locking-slider	2
6	34080100	Eccentric, adjustable	2
7	34160201	Travel pinion, assembly	1
8	34160601	Gear Drive Assembly, Arm Rotation	1
9	34280201	Spindle 6 - 10 / 6 - 12 cpl	1
10	35121401	Slip clutch disc type 6-12HF cpl	1
11	45010101	Roller upper and lower, cpl.	2
12	53010501	Handle 6 - 10/12 and HF saws cpl	2
13	58250101	Cover arm rotation Pentruder cpl	1
14	A3400003	Upper Roller Assembly	2
15	A4200004	Flange Assembly 6-12	1
16	A5600029	Chassis Assembly, 6-12 HF	1
17	A5600030	Hub Assembly, 6-10/12 HF	1
18	A5600031	Arm assembly, 6-12 HF	1
19	A5700008	Gear change Assembly, 6-12	1
20	A5800023	Feed motors covers 6-12HF	1
21	A5800024	Gear shaft Assembly,6-12	1
22	A6300001	Arm feed motor, 24V, 43:1, assy	1
23	A6300006	Travel motor 24V, 15:1 assy	1



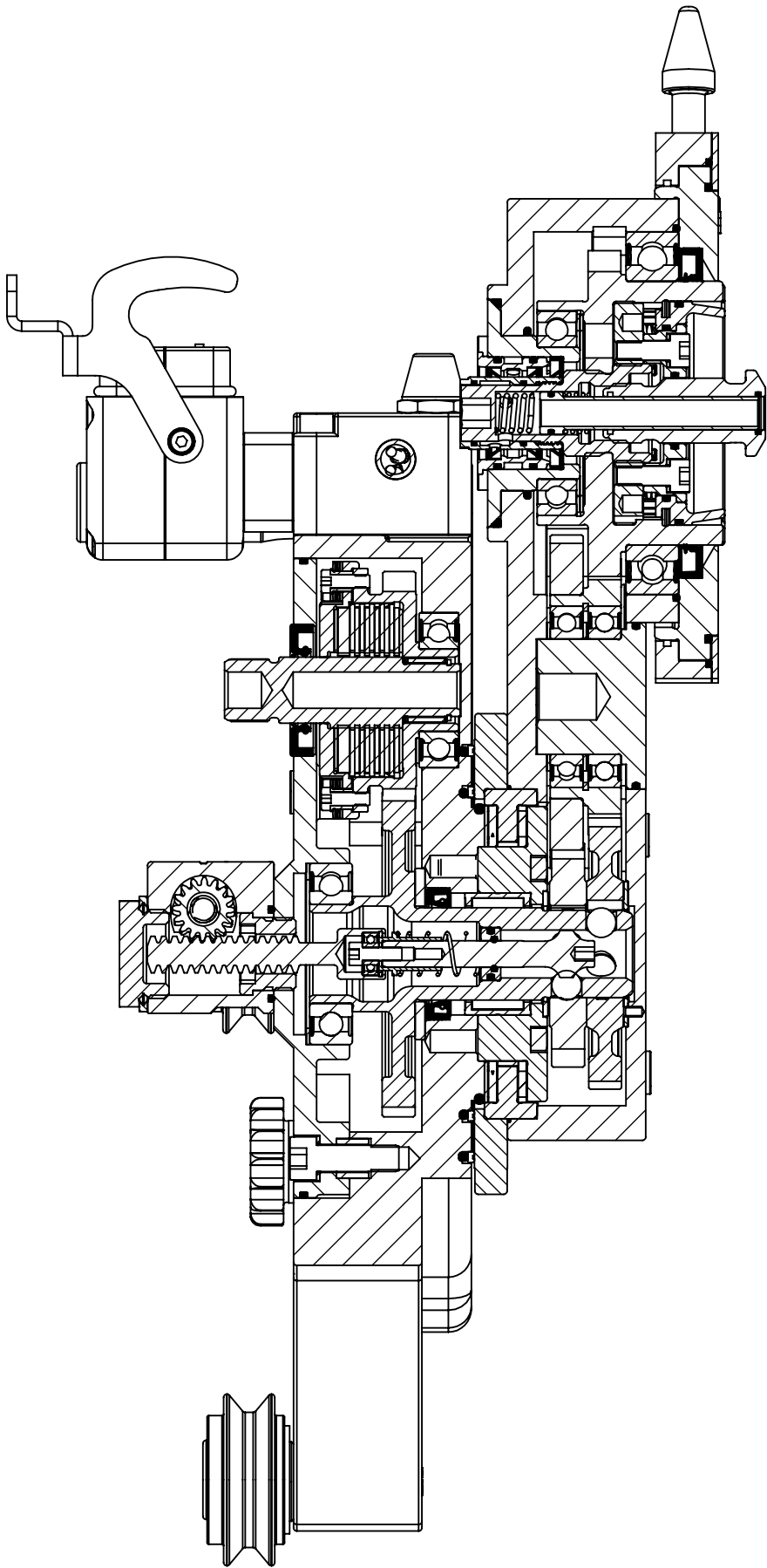
Rev.	Note	Date	Rev. By	Appr. By
	Updated after migration			

Material		Proj	Scale	Units	Mass, gram	Geometric tolerances		This drawing defines the requirements of the finished (complete) part(s), if not stated otherwise	
Approved and released by			1:10	mm / g		Beskrivning			
Checked by						Description			
Drawn by						6-12HF			
Designed by		A.Johnsen				Sheet		Part and drawing number	
						1/2		6-12HF Assy	
						Category		Revision	
						A			

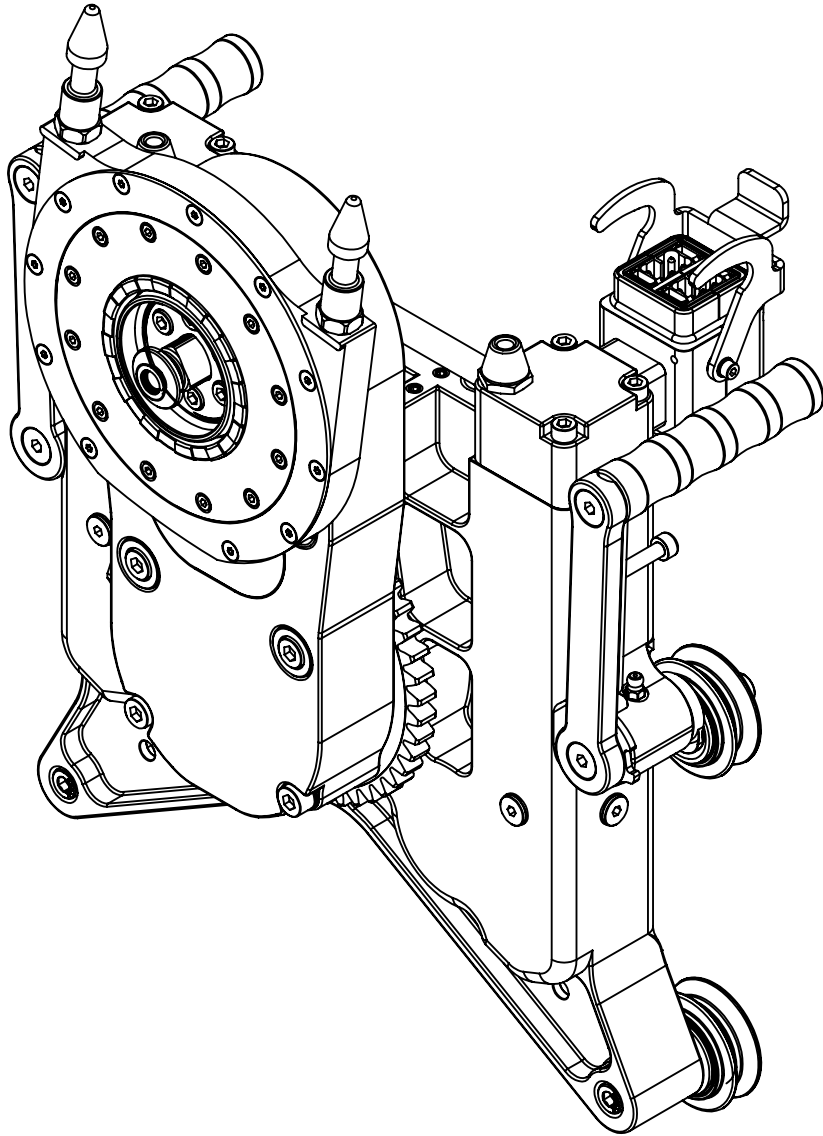
Draft

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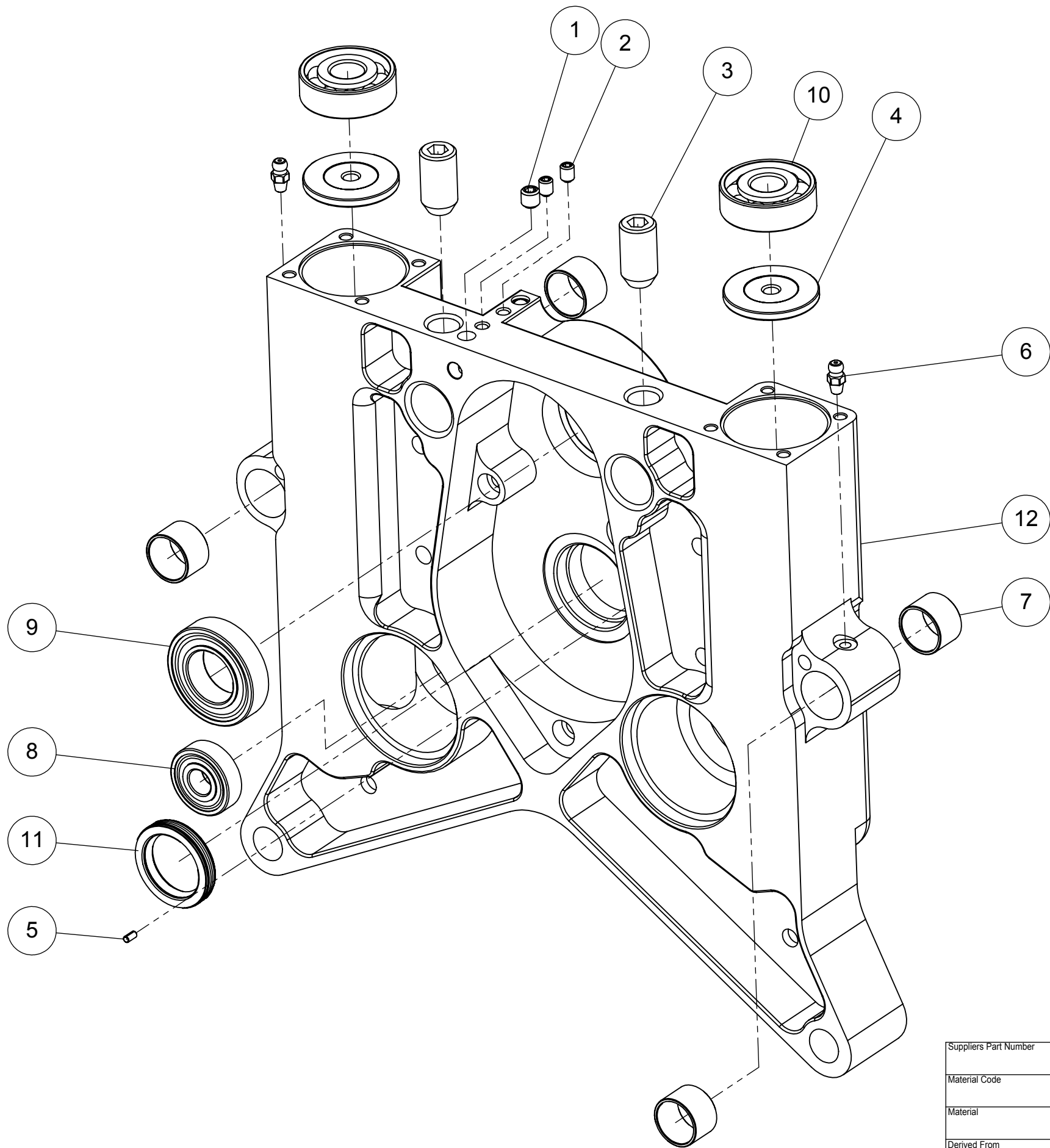
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Rev.	Note	Date	Rev. By	Appr. By
	Updated after migration			



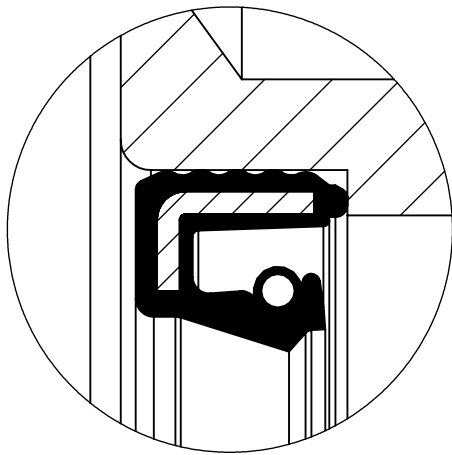
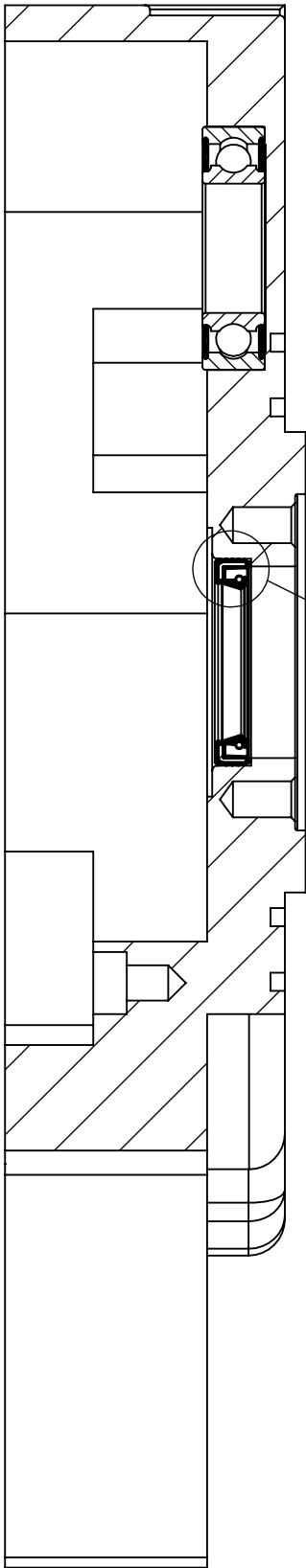
Material			Proj	Scale	Units	Mass, gram	Geometric tolerances		This drawing defines the requirements of the finished (complete) part(s), if not stated otherwise		
				1:10	mm / g						
Approved and released by			Beskrivning 6-12HF								
Checked by			Description 6-12HF								
Drawn by						Sheet	Part and drawing number		Category	Revision	
Designed by	A.Johnsen		Gjutargatan 54 S-781 70 Borlänge - Sweden			2/2	6-12HF Assy		A		



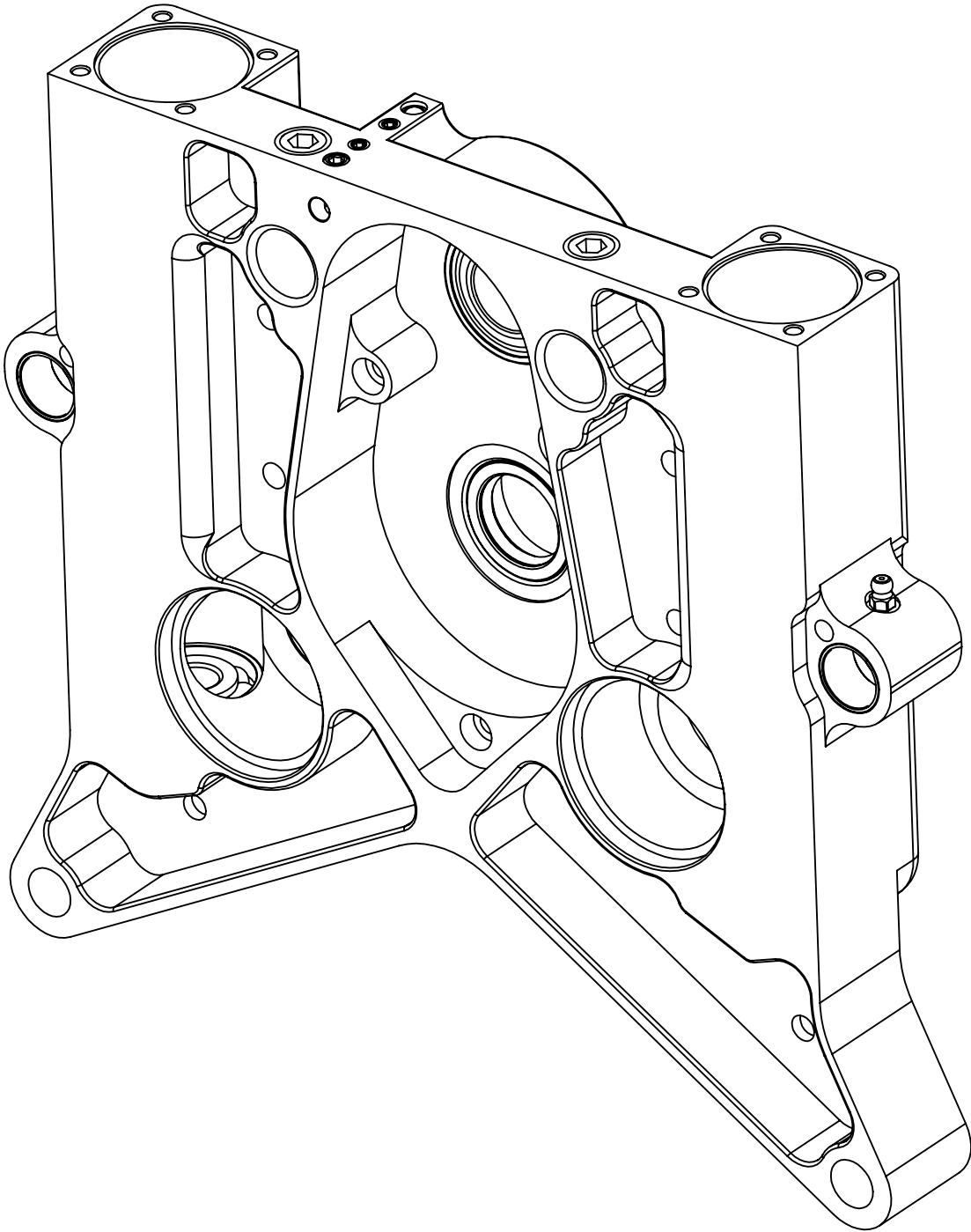
Dimensions in mm

Preventative Maintenance					
ITEM NO.	PART/ASSY NUMBER	DESCRIPTION	QTY.	80h	160h
1	122708008-RF	Socket set screw DIN913 M8 x 8, flat point	1		
2	122806008-RF	M6 x 8 Socket set screw, cup point, DIN916	2		
3	14220100	Coupling screw	2		
4	16290100	Washer, for bearing extraction	2		
5	17403060	Split pin Ø1 x 12	1		
6	19930261	Grease nipple, M6 x 1	2		
7	2036202315	Bushing	4		I
8	20706201	Radial support 6201-2Z/C3	1		I
9	20756005	Ball bearing 6005-2RSH/C3	1		I
10	20877302	Angular contact ball bearing, 7302-BEP	2		I
11	23902804007	Seal 28x40x7 w/o dust lip	1		X
12	56020300	Chassis 6 - 12 HF	1		
I=Inspect X=Replace					

Suppliers Part Number		Supercedes		Date		Part Number A5600029	
Material Code		Material Dimension		Procurement		Description Chassis Assembly, 6-12 HF	
Material		Geometric Tolerance		Proj 			
Derived From		Scale 1:5		Mass		Sheet 3/3	
Drawn by		Approved by		Designed by		THIS DRAWING IS THE PROPERTY OF Tractive AB. ITS SUBMISSION DOES NOT INCLUDE OR CARRY THE RIGHT TO MAKE, USE OR SELL WHAT IS ILLUSTRATED WITHOUT THE WRITTEN CONSENT OF Tractive AB.	
						Revision --03	
						TRACTIVE Gjutargatan 54 S-781 70 Borlänge Tel +46 243 22 11 55 Fax +46 243 22 11 80 www.tractive.se / www.pentrunder.com	

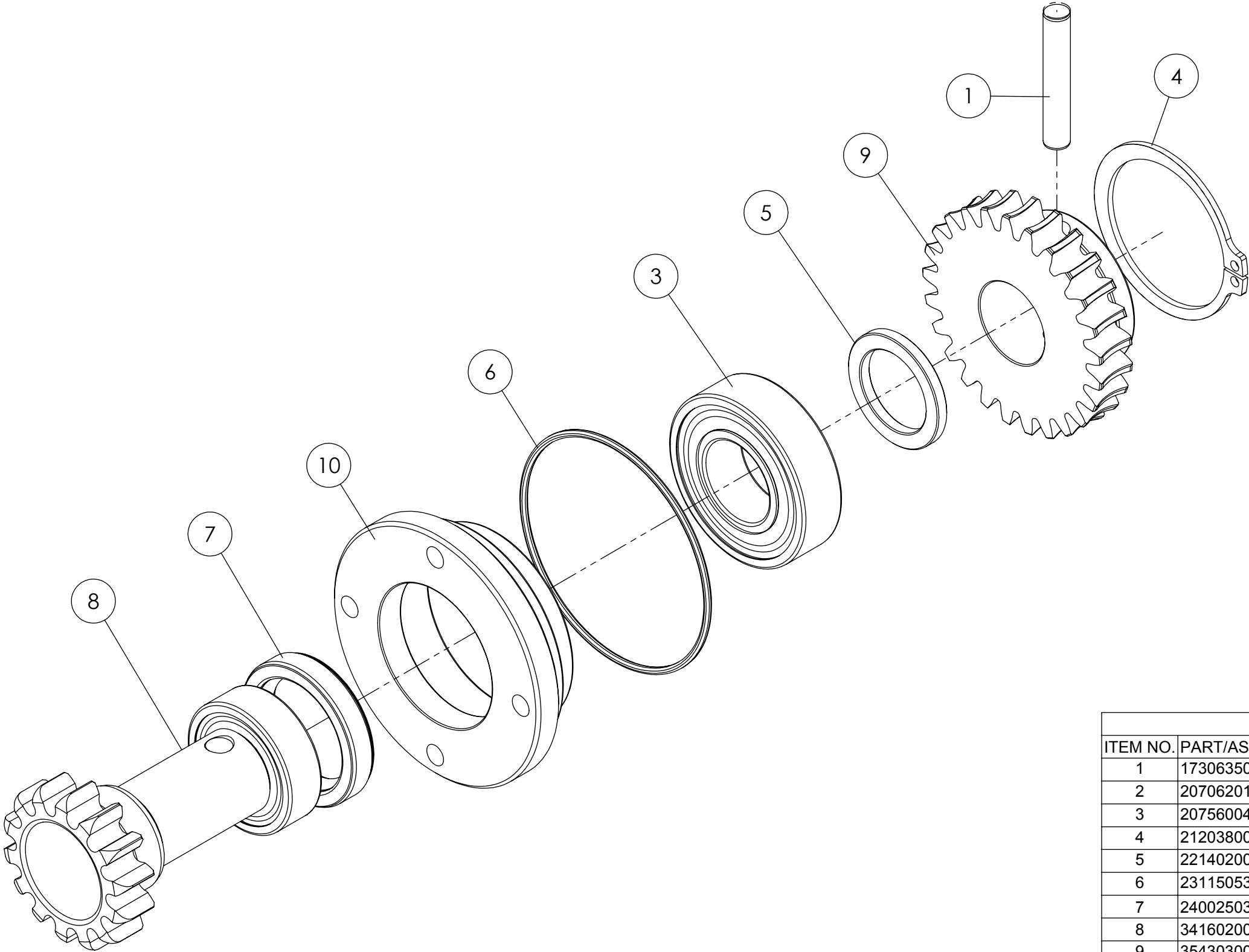


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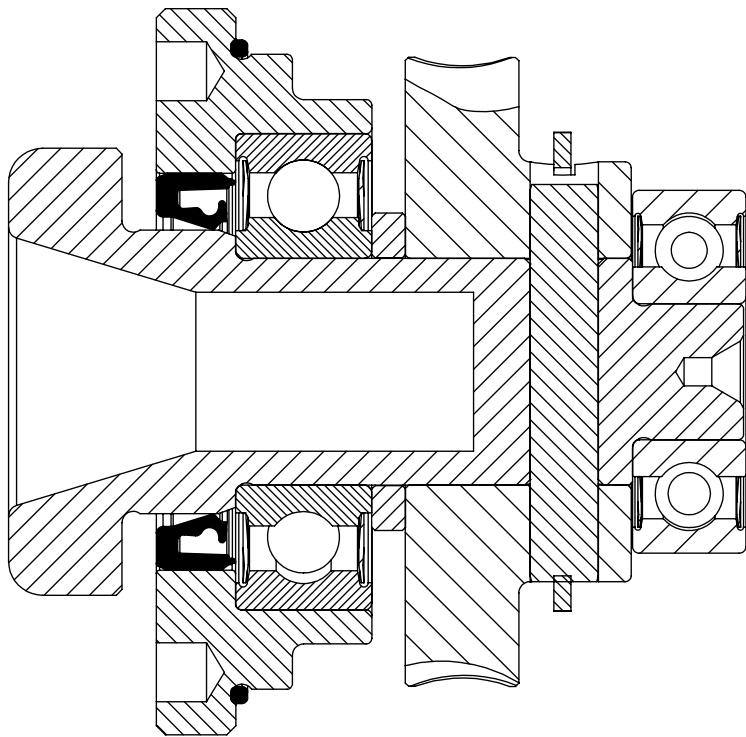


Dimensions in mm

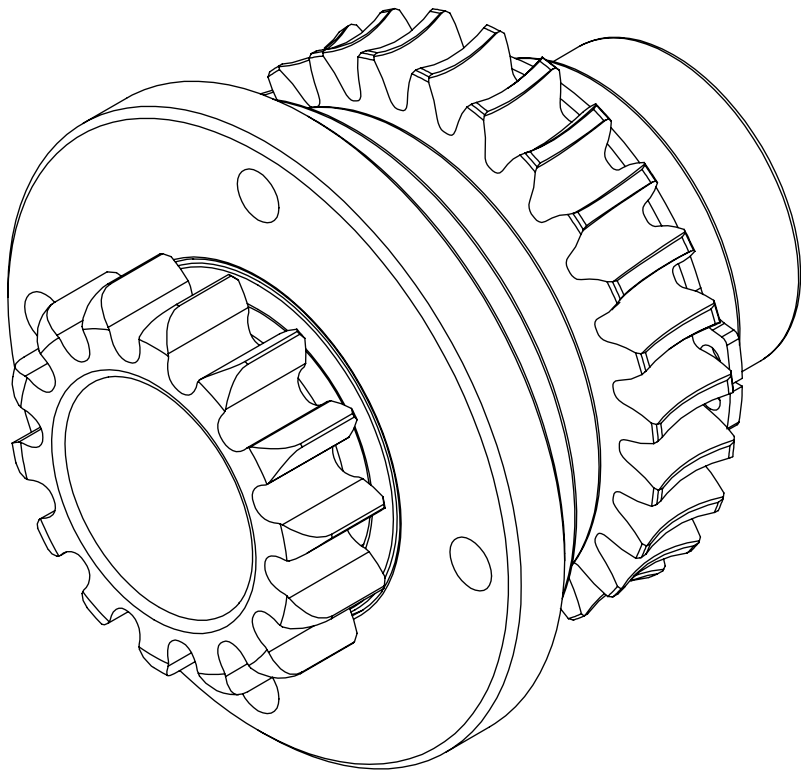
Suppliers Part Number		Supercedes		Date		Part Number A5600029	
Material Code		Material Dimension		Procurement		Description Chassis Assembly, 6-12 HF	
Material		Geometric Tolerance		Proj 			
Derived From		Scale 1:5		Mass		Sheet 2/3	
Drawn by		Approved by		Designed by		THIS DRAWING IS THE PROPERTY OF Tractive AB. ITS SUBMISSION DOES NOT INCLUDE OR CARRY THE RIGHT TO MAKE, USE OR SELL WHAT IS ILLUSTRATED WITHOUT THE WRITTEN CONSENT OF Tractive AB.	
						Revision --01	
						TRACTIVE Gjutargatan 54 S-781 70 Borlänge Tel +46 243 22 11 55 Fax +46 243 22 11 80 www.tractive.se / www.pentrunder.com	



Preventative Maintenance					
ITEM NO.	PART/ASSY NUMBER	DESCRIPTION	QTY.	80h	160h
1	17306350	Cyl. Pin, CPK 6m6 x 35	1		
2	20706201	Radial support 6201-2Z/C3	1		
3	20756004	Ball Bearing 6004-2RSH/C3	1		I
4	21203800	Circlip Sga 38 DIN 471	1		
5	22140200	Spacer, travel pinion	1		
6	23115053	O-ring 53 x 1.5 NBR 70	1		X
7	24002503507	Radial seal 25 x 35 x 7	1		X
8	34160200	Pinion, travel, 14T	1		I
9	35430300	Worm gear, with shear pin, D=6	1		
10	58250200	Cover, travel	1		
I=Inspect X=Replace					
Assy. Number		34160201			
Assy. Description		Travel pinion, assembly			
Date	2011-07-11	TRACTIVE Gjutargatan 54 S-781 70 Borlänge Tel +46 243 22 11 55 Fax +46 243 22 11 80 www.tractive.se / www.pentruder.com			
Revision	--06				
Drawn	KRT				
Approved	AJ				
Supercedes					
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		Drawing Size	A3		

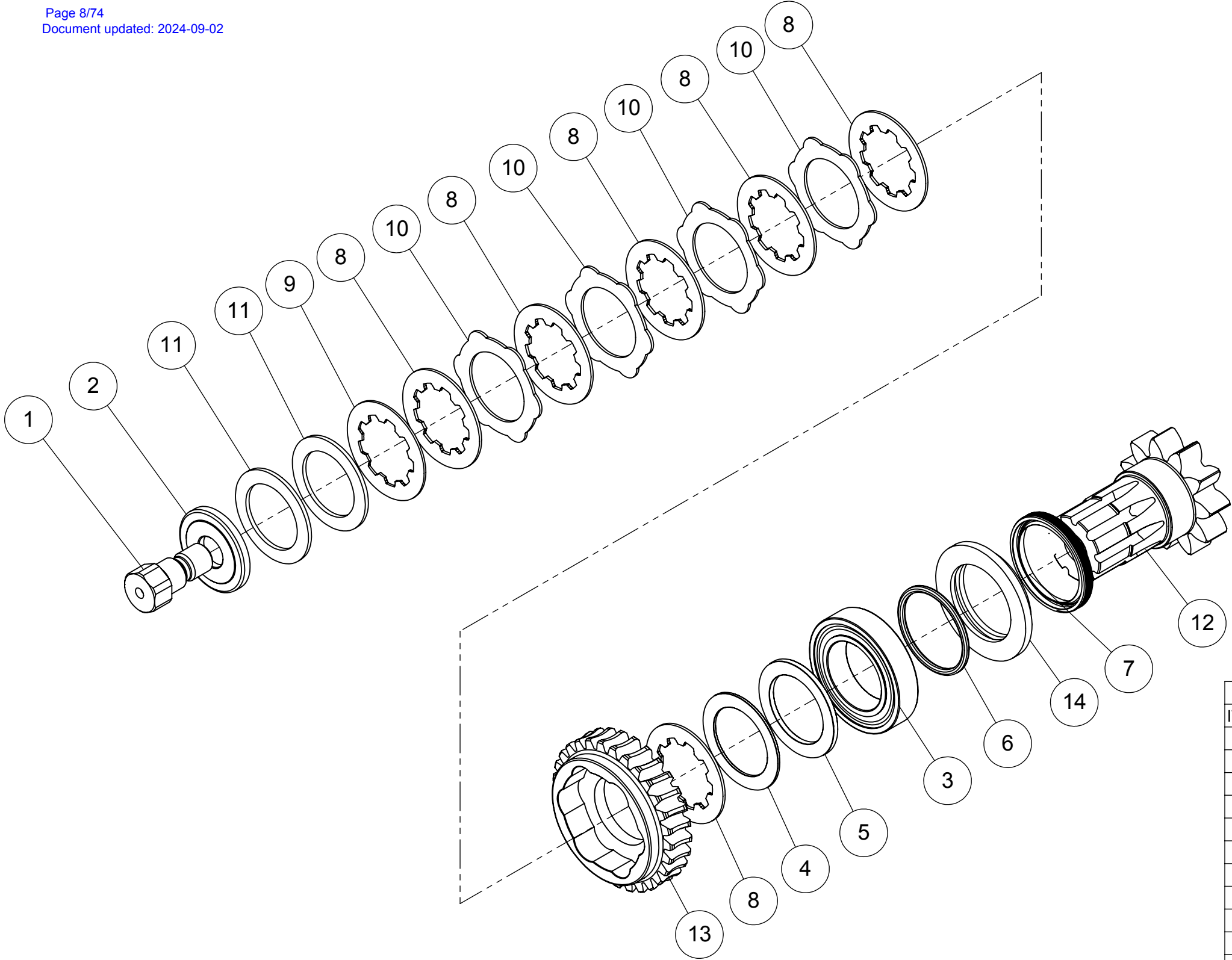


Section View



Assembled View

Assy. Number		34160201	
Assy. Description		Travel pinion, assembly	
Date	2011-07-11	TRACTIVE Gjutargatan 54 S-781 70 Borlänge Tel +46 243 22 11 55 Fax +46 243 22 11 80 www.tractive.se / www.pentruder.com	
Revision	--06		
Drawn	KRT		
Approved	AJ		
Supercedes			
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		Drawing Size	A3
			SHEET 2 OF 3



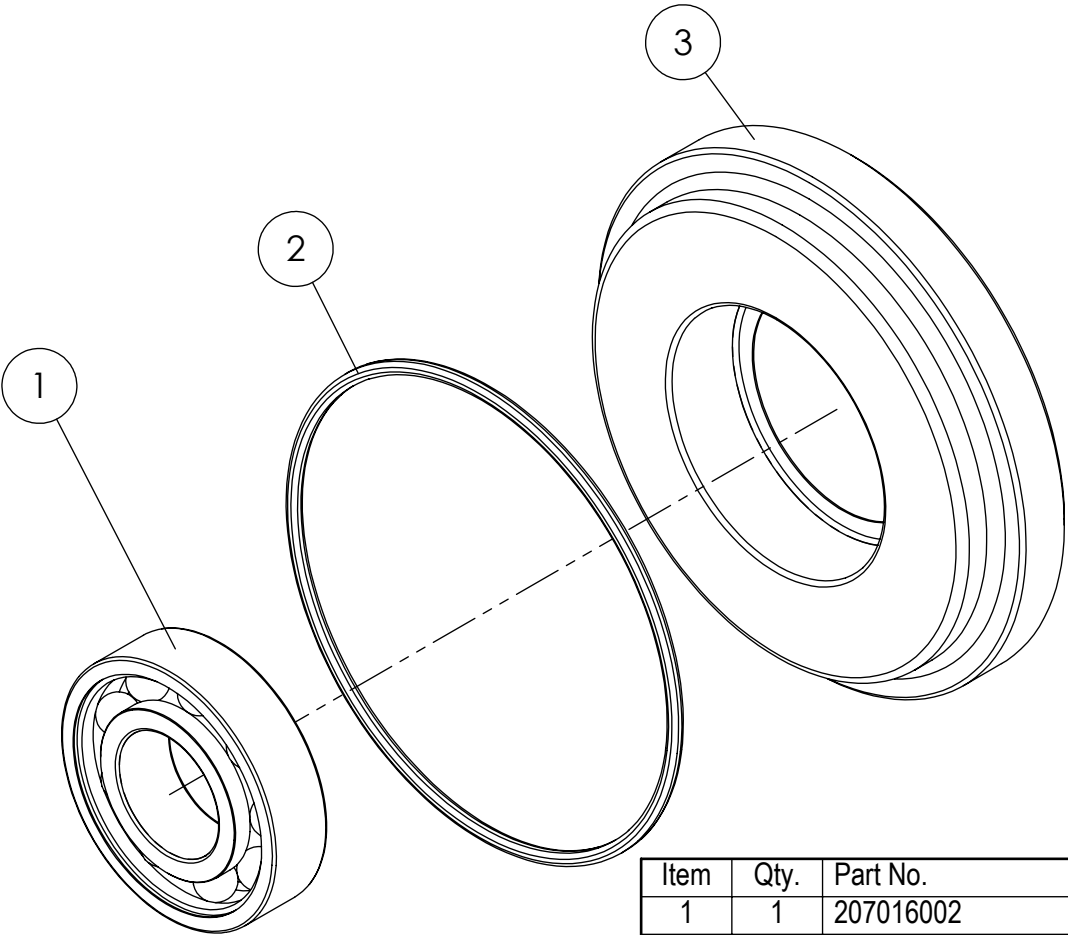
Preventative Maintenance					
ITEM NO.	PART/ASSY NUMBER	DESCRIPTION	QTY.	80h	160h
1	14100300	Screw, slip clutch	1		
2	16030200	Washer, slip clutch	1		
3	207561905	Ball bearing 61905-2RS1-C3	1		I
4	22112510	Support ring, 25 x 20 x 2	1		
5	22112520	Support ring, 25 x 20 x 2	1		
6	23120028	O-ring 28 x 2.0 NBR 70	1		X
7	24002803504G	Seal 28 x 35 x 4 with dust lip	1		X
8	27030100	Plate, slip clutch, inner teeth	6		I
9	27030100-0.8	Plate, slip-clutch, inner teeth T=0.8	1		I
10	27040100	Plate, slip clutch, outer teeth	4		I
11	32243415	Belleville washer 34 x 24 x 1.5	2		X
12	34160600	Pinion arm rotation slip clutch	1		
13	35430600	Worm gear, slip clutch	1		
14	57280200	Seal housing, slip clutch	1		
I=Inspect X=Replace					

Assy. Number		34160601		
Assy. Description		Gear Drive Assembly, Arm Rotation		
Date		TRACTIVE Gjutargatan 54 S-781 70 Borlänge Tel +46 243 22 11 55 Fax +46 243 22 11 80 www.tractive.se / www.pentruder.com		
Revision	--04			
Drawn				
Approved				
Supercedes				
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		Drawing Size	A3	

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Document updated: 2024-09-02

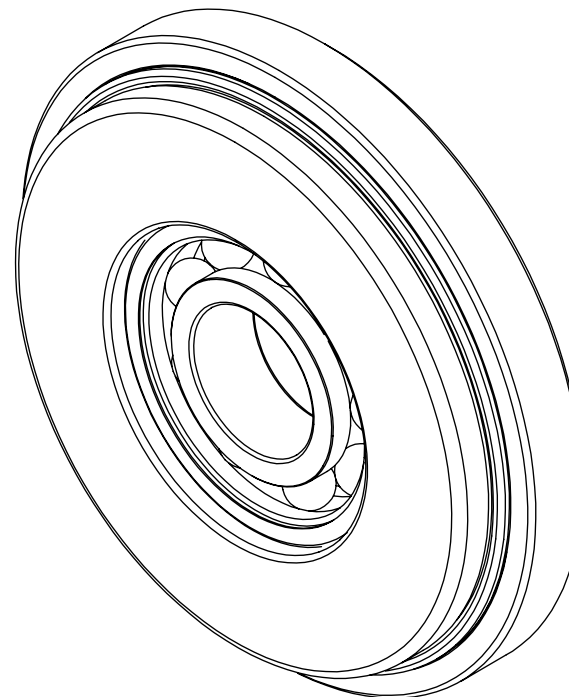
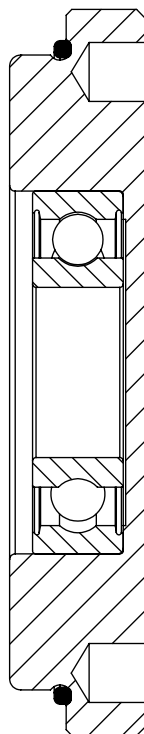
Rev.	Note	Date	Rev. By	Appr. By
A	Updated after migration	2018-02-26	JT	JG



Item	Qty.	Part No.	Description	Note
1	1	207016002	Ball bearing 16002	
2	1	23115053	O-ring 53 x 1.5 NBR 70	
3	1	58250100	Cover, arm rotation	
Material			Description	
			Cover arm rotation Pentruder cpl	
Geometric Tolerance		Sheet	Mass in Gram	Dim.in mm
		1/3	95	
TRACTIVE			Date	Proj
			Drawn by	Designed by
				JG
			Scale	1.25:1
			Part Number	
			58250101	
			Revision	
			A	

Approved

Rev.	Note	Date	Rev. By	Appr. By
A	Updated after migration	2018-02-26	JT	JG



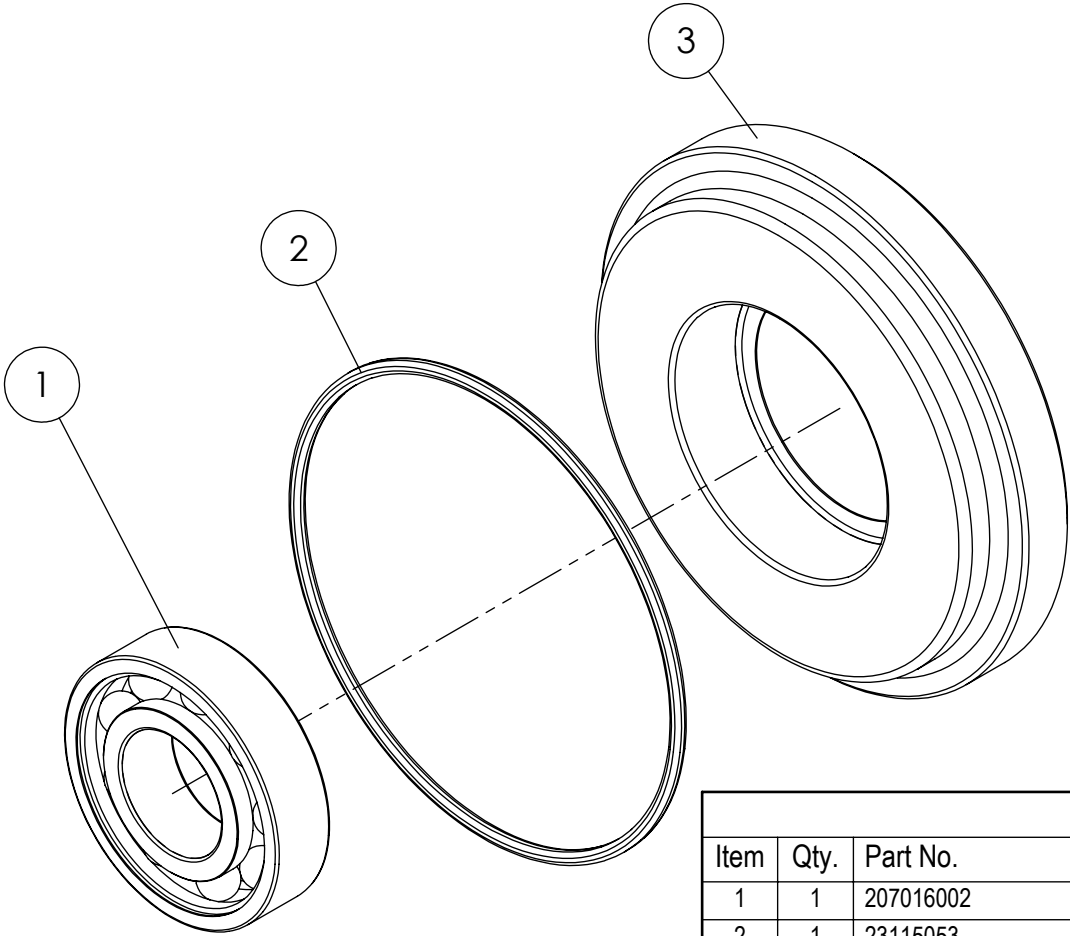
Assembled View

Material		Description Cover arm rotation Pentruder cpl		
Geometric Tolerance	Sheet 2/3	Mass in Gram 95	Dim.in mm	Note
TRACTIVE		Date	Proj	Part Number
		Drawn by	Designed by JG	Scale 1.5:1
58250101				Revision A

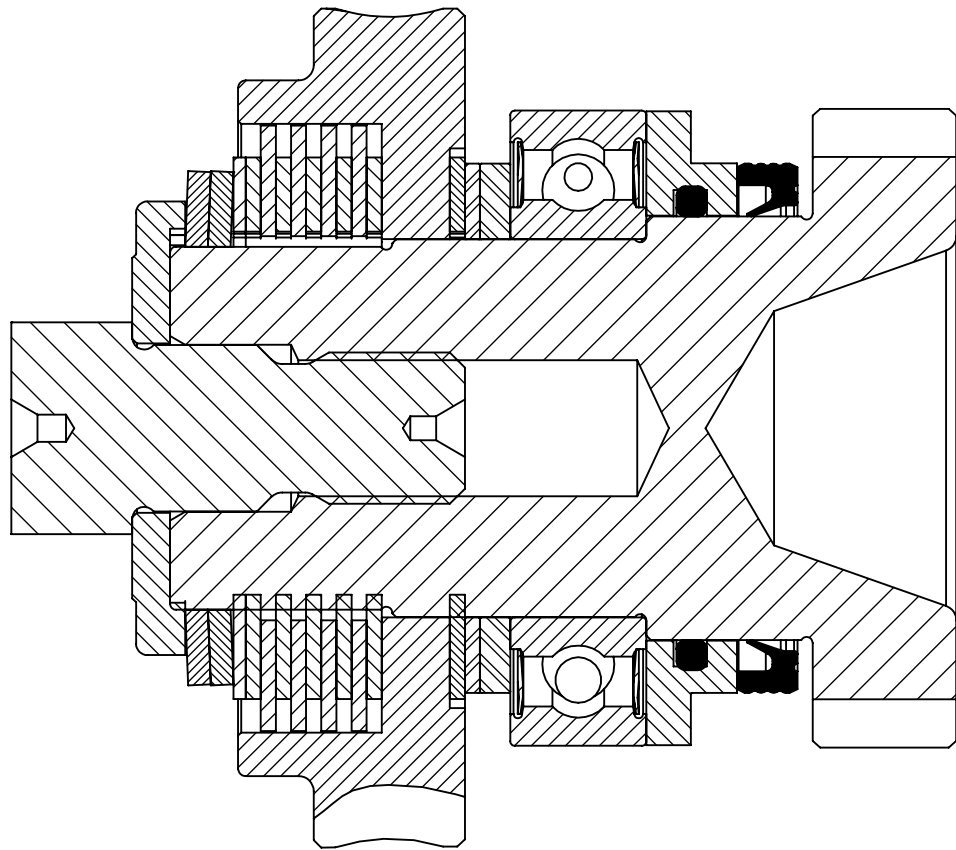
Approved

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Document updated: 2024-09-02

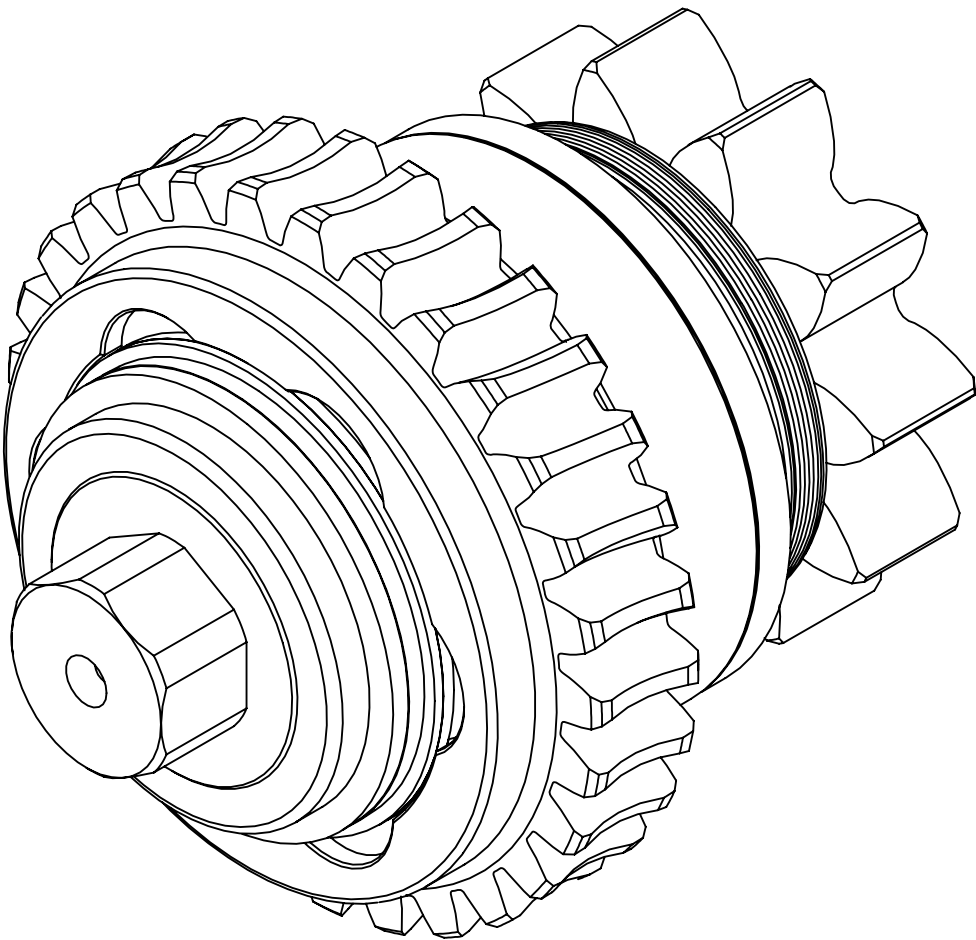
Rev.	Note	Date	Rev. By	Appr. By
A	Updated after migration	2018-02-26	JT	JG



Preventative Maintenance						
Item	Qty.	Part No.	Description	Note	80h	160h
1	1	207016002	Ball bearing 16002			I
2	1	23115053	O-ring 53 x 1.5 NBR 70			X
3	1	58250100	Cover, arm rotation			
I=Inspect X=Replace						
Material			Description			
Geometric Tolerance			Cover arm rotation Pentrunder cpl			
Sheet		3/3	Mass in Gram	95	Dim.in mm	Note
Date			Proj	Part Number		Revision
Drawn by			Designed by	Scale	58250101	
JG			1.25:1	A		



Section View



Assembled View

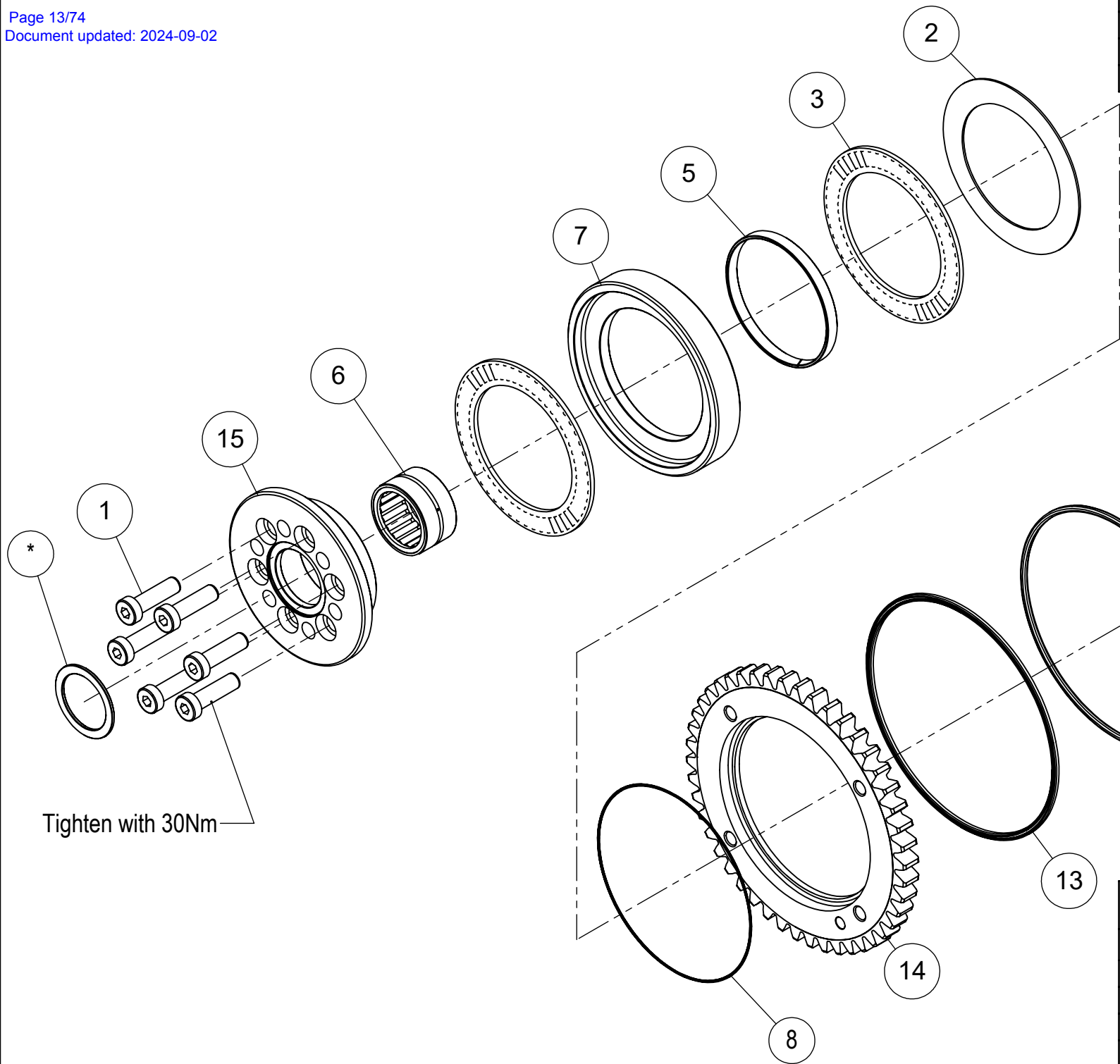
Assy. Number		34160601		
Assy. Description		Gear Drive Assembly, Arm Rotation		
Date		TRACTIVE Gjutargatan 54 S-781 70 Borlänge Tel +46 243 22 11 55 Fax +46 243 22 11 80 www.tractive.se / www.pentruder.com		
Revision	--04			
Drawn				
Approved				
Supercedes				
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		Drawing Size	A3	

Model: A5600030 Rev:

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Rev.	Note	Date	Rev. By	Appr. By
	Updated after migration			

Preventative Maintenance I=Inspect X=Replace						
Item	Qty.	Part No.	Description	Note	80h	160h
1	6	121208028-10.9	Allen Screw DIN7984 M8 x 28 10.9			
2	1	20046590	Trust Washer AS 6590			
3	2	20086590	Thrust needle bearing AXK6590			I
*	1	20192938	Thrust washer 29x38x1.5			
5	1	20210063204	B-strip 6.3 x 204 x 1.5			X
6	1	2041NK28_20	Needle roller bearing NK 28/20			I
7	1	22010300	Axial B. ring arm 6-12			
8	1	23110098	O-ring 98 x 1 Viton			X
9	1	23126095	O-ring 95 x 2.62 NBR 70			X
10	1	23126120	O-ring 120.32 x 2.62 NBR 70			X
11	1	23130085	O-ring 85 x 3 NBR 70			X
12	1	24009510103	Seal ID=95			X
13	1	24012012603	Seal ID=120			X
14	1	35360200	Gear ring 6 - 10 / 6 - 12			
15	1	57170200	Axial B-housing arm 6-12	Lagerhus arm 6 - 12 förstärkt		

Material		Description		Note	
Geometric Tolerance		Sheet	3/3	Mass in Gram	1643
		Date		Dim.in mm	
		Proj		Scale	1:2.5
		Drawn by		Designed by	AJ
		Part Number			Revision
		A5600030			

Choose version according to:		
*	6-10HF	20192938-S
*	6-12HF	20192938

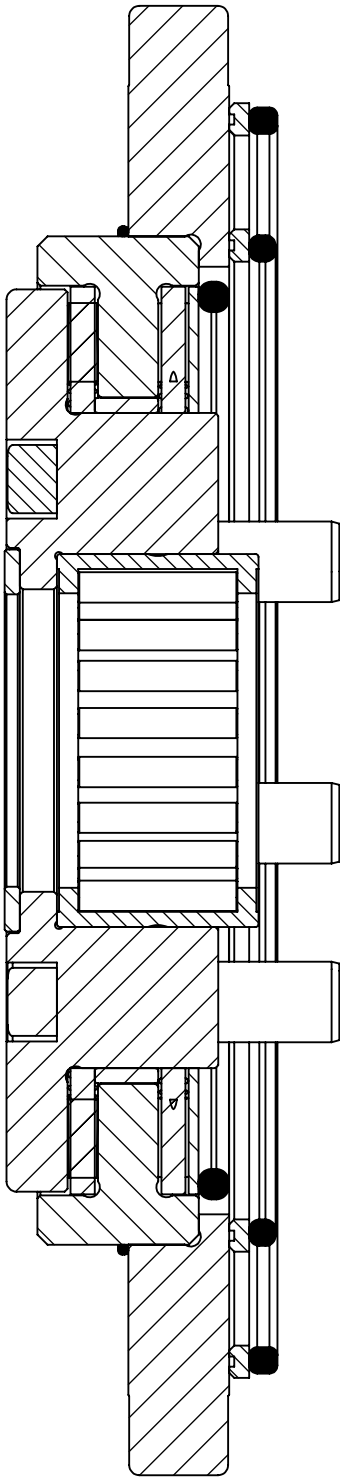
TRACTIVE

Model: A5600030 Rev:

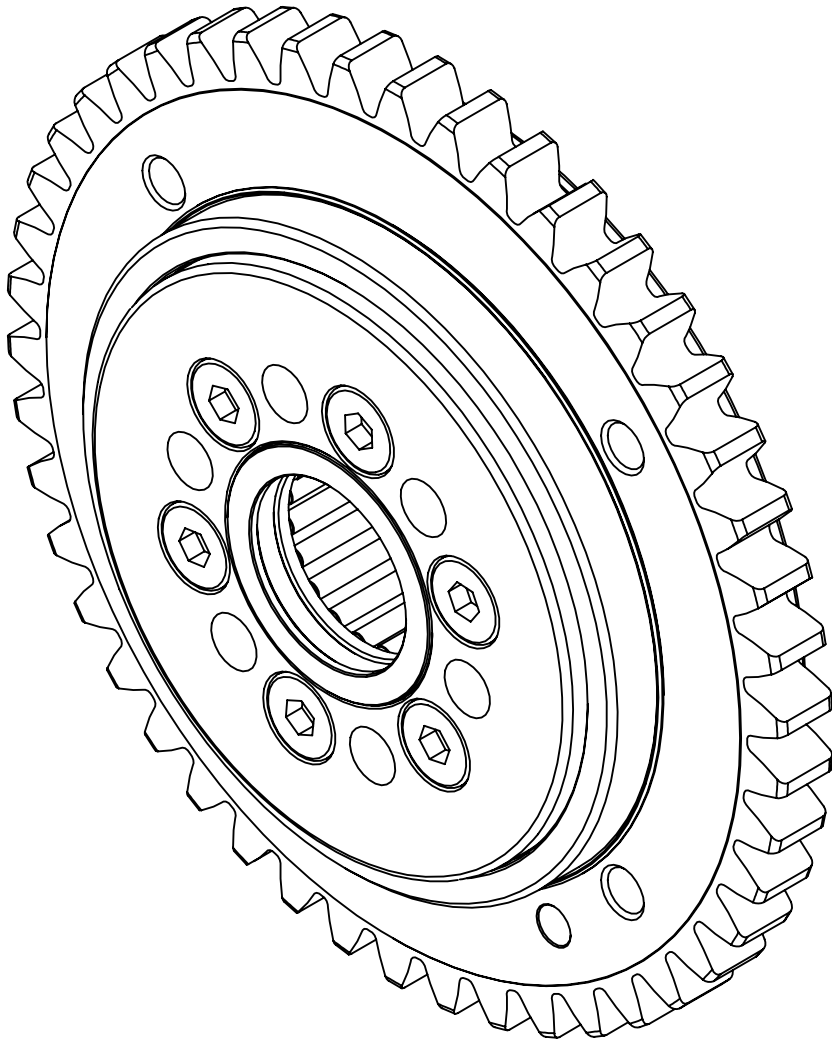
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Rev.	Note	Date	Rev. By	Appr. By
	Updated after migration			



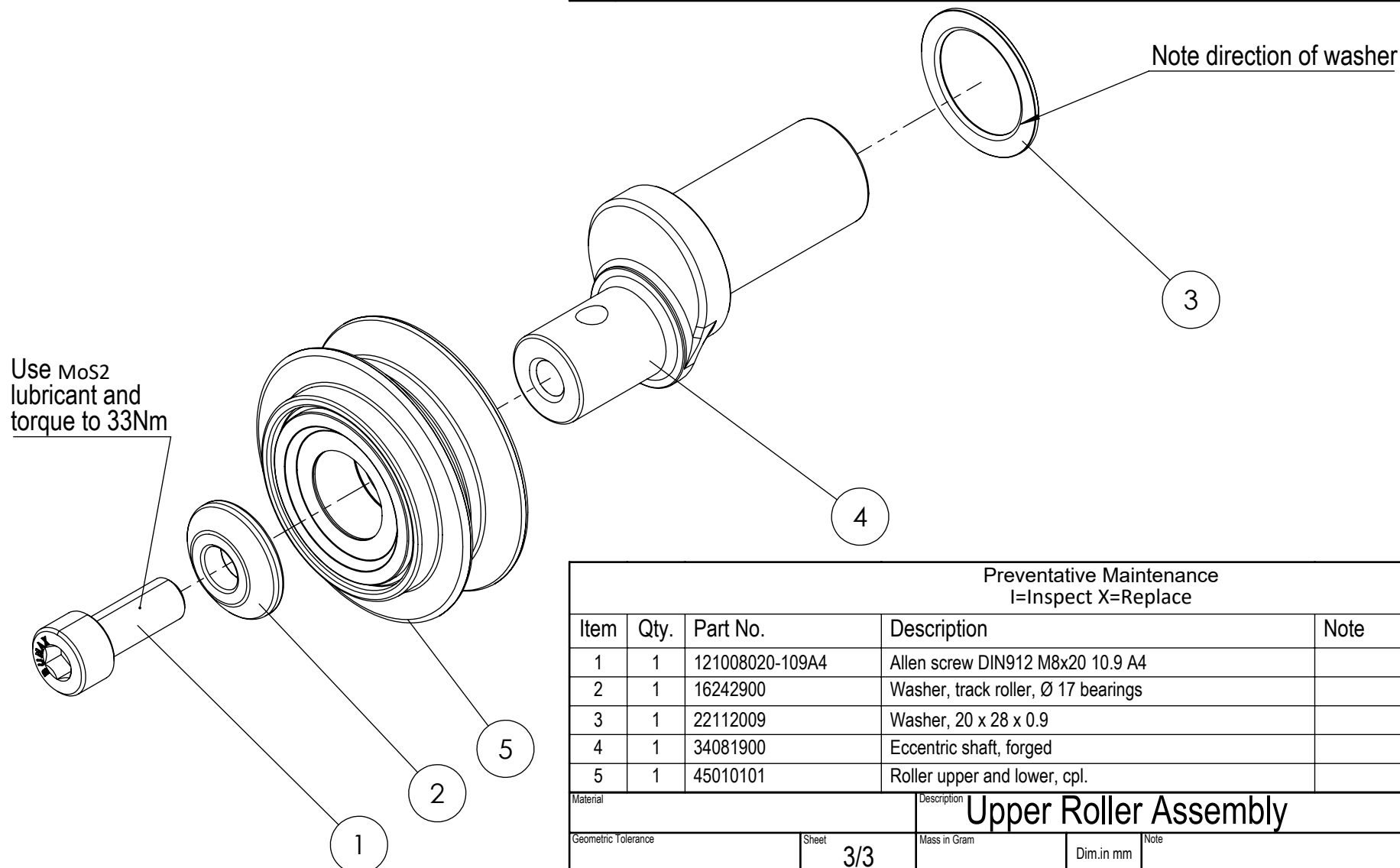
Material		Description			Hub Assembly, 6-10/12 HF	
Geometric Tolerance	Sheet	Mass in Gram	Dim.in mm	Note		
	2/3	1647				
<i>TRACTIVE</i>		Date	Proj	Part Number		Revision
						
		Drawn by	Designed by			
		AJ	1:2	A5600030		

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Document updated: 2024-09-02

Rev.	Note	Date	Rev. By	Appr. By
D	Pos 4, new revision (17mm) . Pos 5 replaced from 45010901. Pos 2 replaced from 16242400	2020-10-23	JG	MP
C	Screw replaced. Material and surface treatment changed in washer.	2020-08-13	JG	MP
B	Updated with Ø20 excenter	2019-05-28	JG	JG



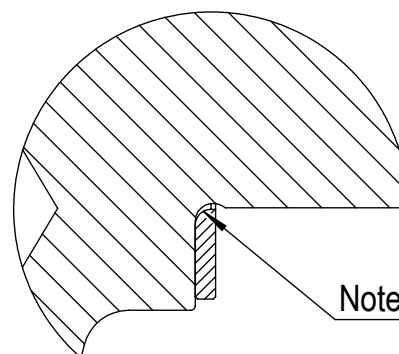
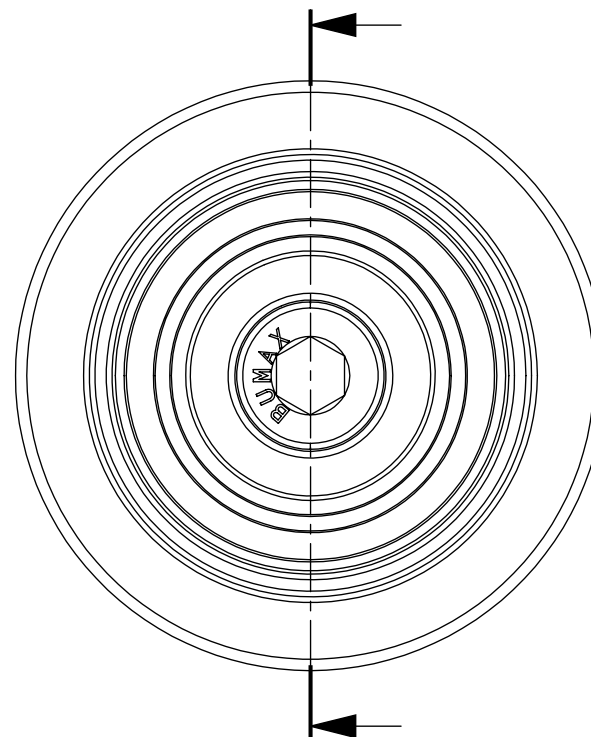
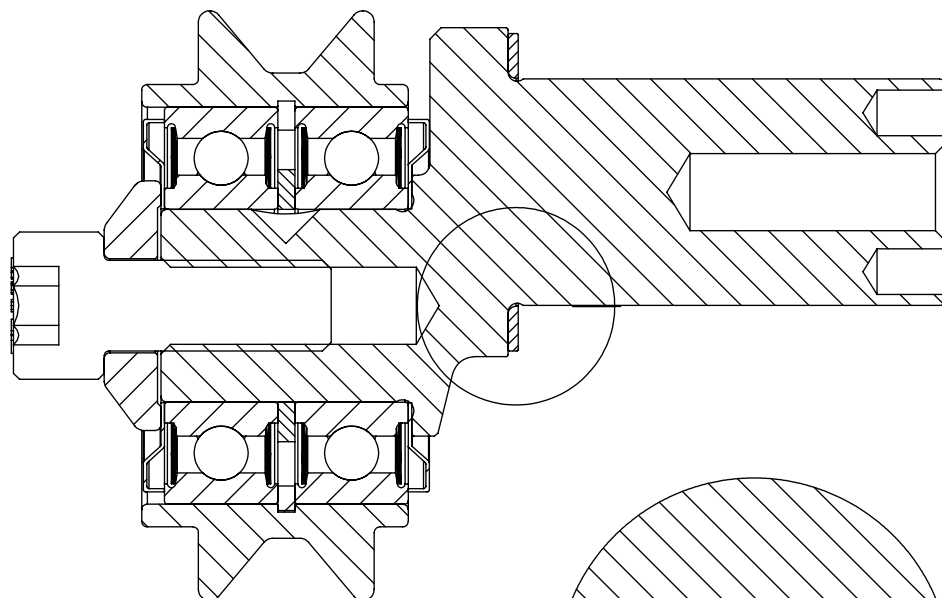
Preventative Maintenance I=Inspect X=Replace						
Item	Qty.	Part No.	Description	Note	80h	160h
1	1	121008020-109A4	Allen screw DIN912 M8x20 10.9 A4			
2	1	16242900	Washer, track roller, Ø 17 bearings			
3	1	22112009	Washer, 20 x 28 x 0.9			
4	1	34081900	Eccentric shaft, forged			I
5	1	45010101	Roller upper and lower, cpl.		I	I
Material			Upper Roller Assembly			
Geometric Tolerance		Sheet 3/3	Mass in Gram	Dim.in mm	Note	
TRACTIVE			Date	Proj	Part Number	
			Drawn by	Designed by JG	Scale 1:1	Revision
					A34000003	D

Approved

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Document updated: 2024-09-02

Rev.	Note	Date	Rev. By	Appr. By
D	Pos 4, new revision (17mm) . Pos 5 replaced from 45010901. Pos 2 replaced from 16242400	2020-10-23	JG	MP
C	Screw replaced. Material and surface treatment changed in washer.	2020-08-13	JG	MP
B	Updated with Ø20 excenter	2019-05-28	JG	JG



Note direction of washer

Material		Description Upper Roller Assembly			
Geometric Tolerance	Sheet 2/3	Mass in Gram	Dim.in mm	Note	
		Date	Proj 	Part Number	Revision
		Drawn by	Designed by JG	Scale 1.5:1	A3400003 D

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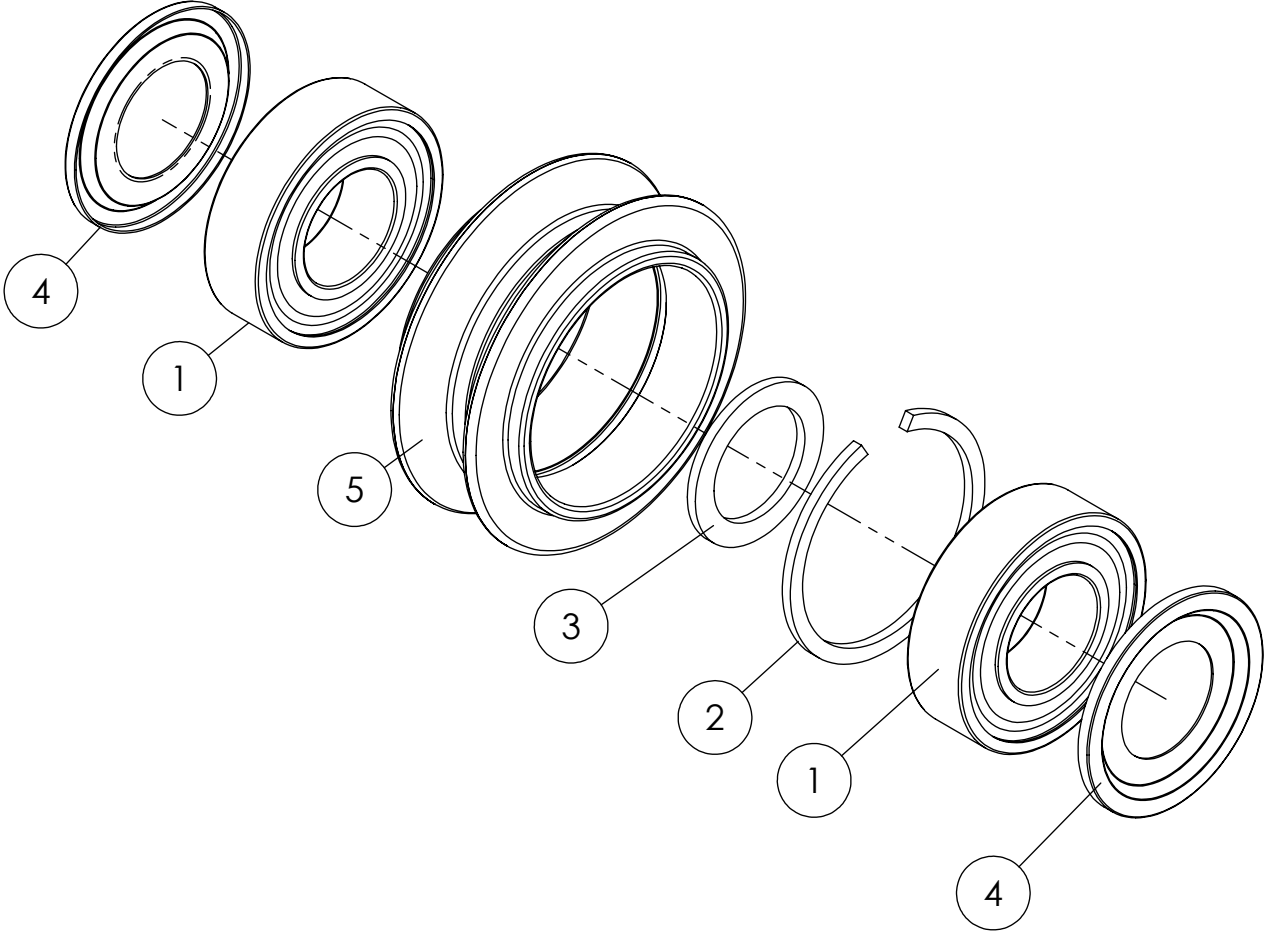
2020-12-28 Model: 45010101 Rev: A

Approved

Rev.	Note	Date	Rev. By	Appr. By
A	Updated after migration	2017-12-14	JG	JT

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Document updated: 2024-09-02



Preventative Maintenance						
I=Inspect X=Replace						
Item	Qty.	Part No.	Description	Note	80h	160h
1	2	20756003	Ball bearing, 6003-2RSH/C3		I	I
2	1	21300350	Circlip, SB35			
3	1	22111715	Support ring 17 x 24 x 1.5 DIN988			
4	2	23506003	Nilos seal 6003 AV		I	X
5	1	45010100	Track roller		I	I

Material		Proj	Scale	Units	Mass, gram	Geometric tolerances	This drawing defines the requirements of the finished (complete) part(s), if not stated otherwise	
			1:1	mm / g				
Approved and released by	JT	2017-12-14	Beskrivning Rålsrulle, över och undre, kpl.					
Checked by			Description Roller upper and lower, cpl.					
Drawn by	A.Johnsen	2011-07-12		Sheet	Part and drawing number		Category	Revision
Designed by	A.Johnsen	2011-07-12		3/3	45010101		B	A

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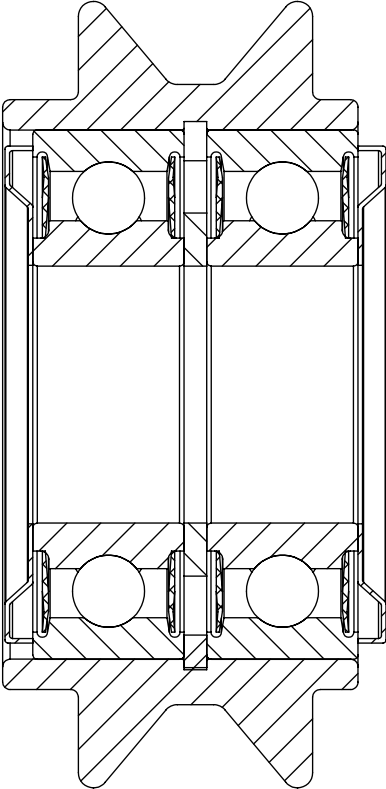
2020-12-28 Model: 45010101 Rev: A

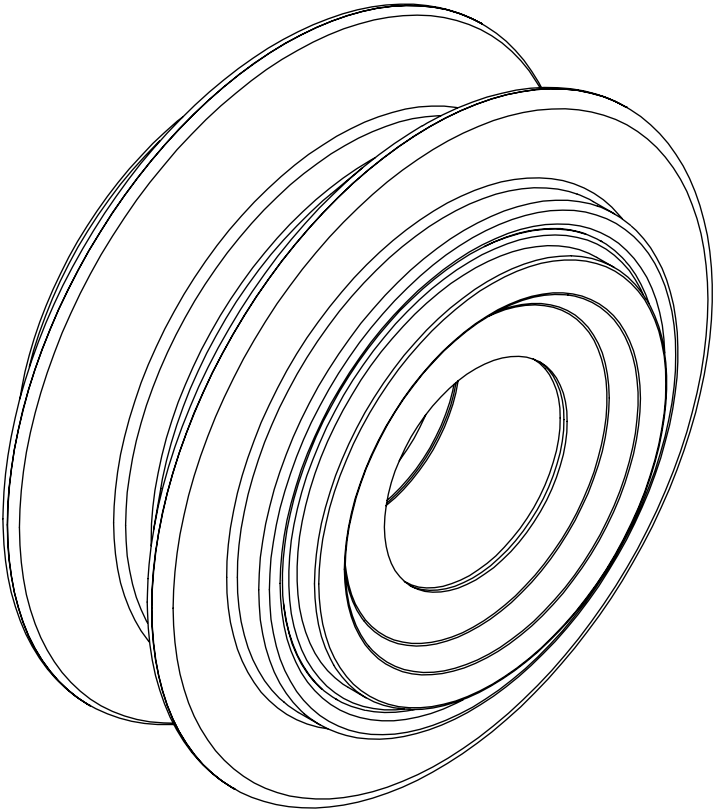
Approved

Rev.	Note			Date	Rev. By	Appr. By
A	Updated after migration			2017-12-14	JG	JT

Page 18/74

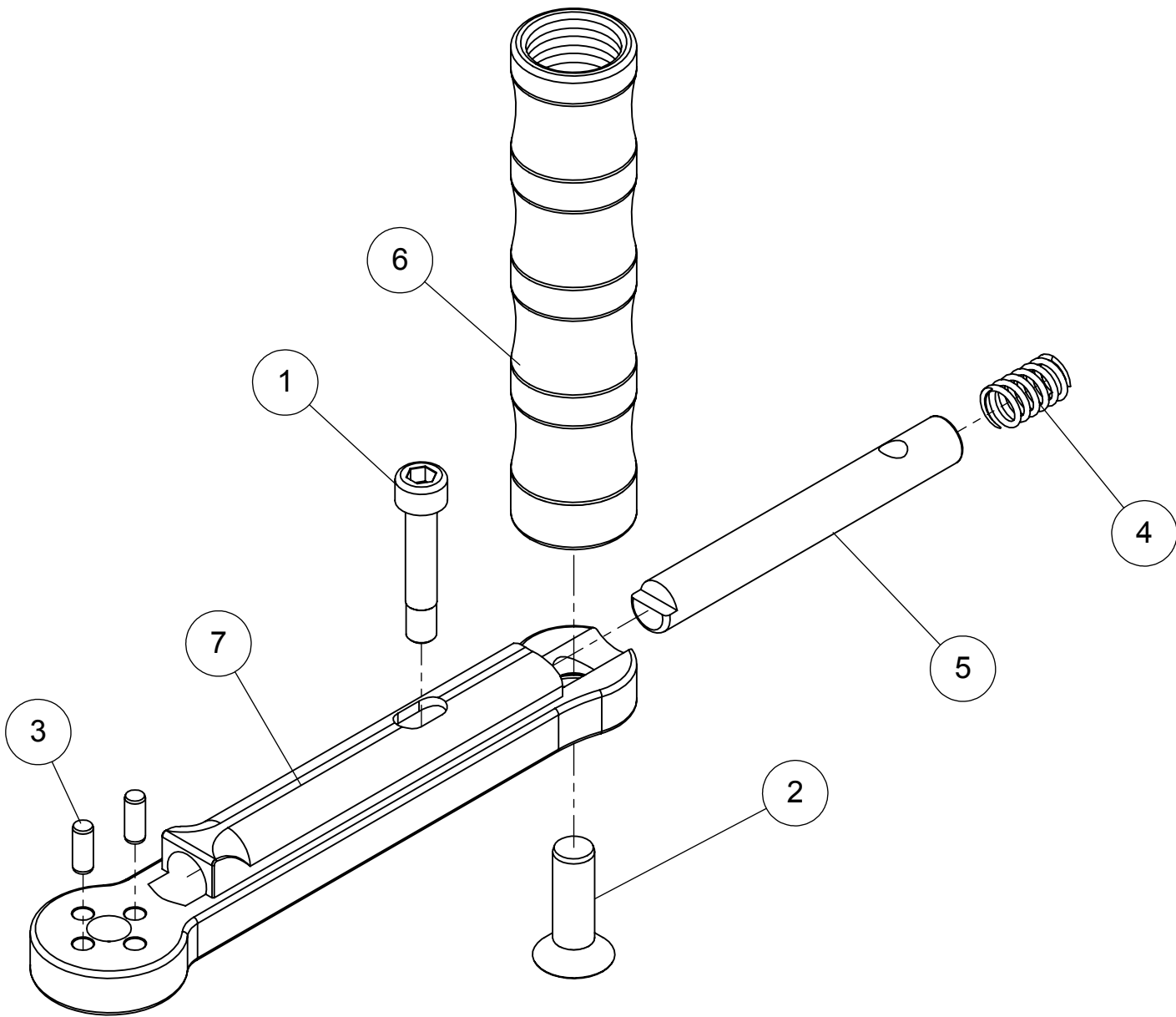
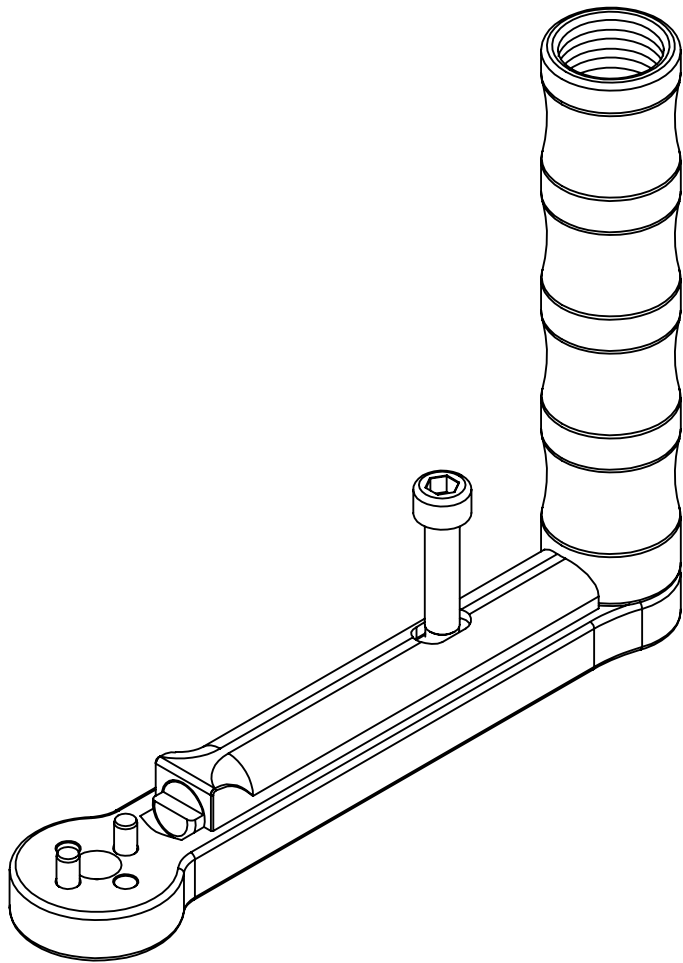
Document updated: 2024-09-02



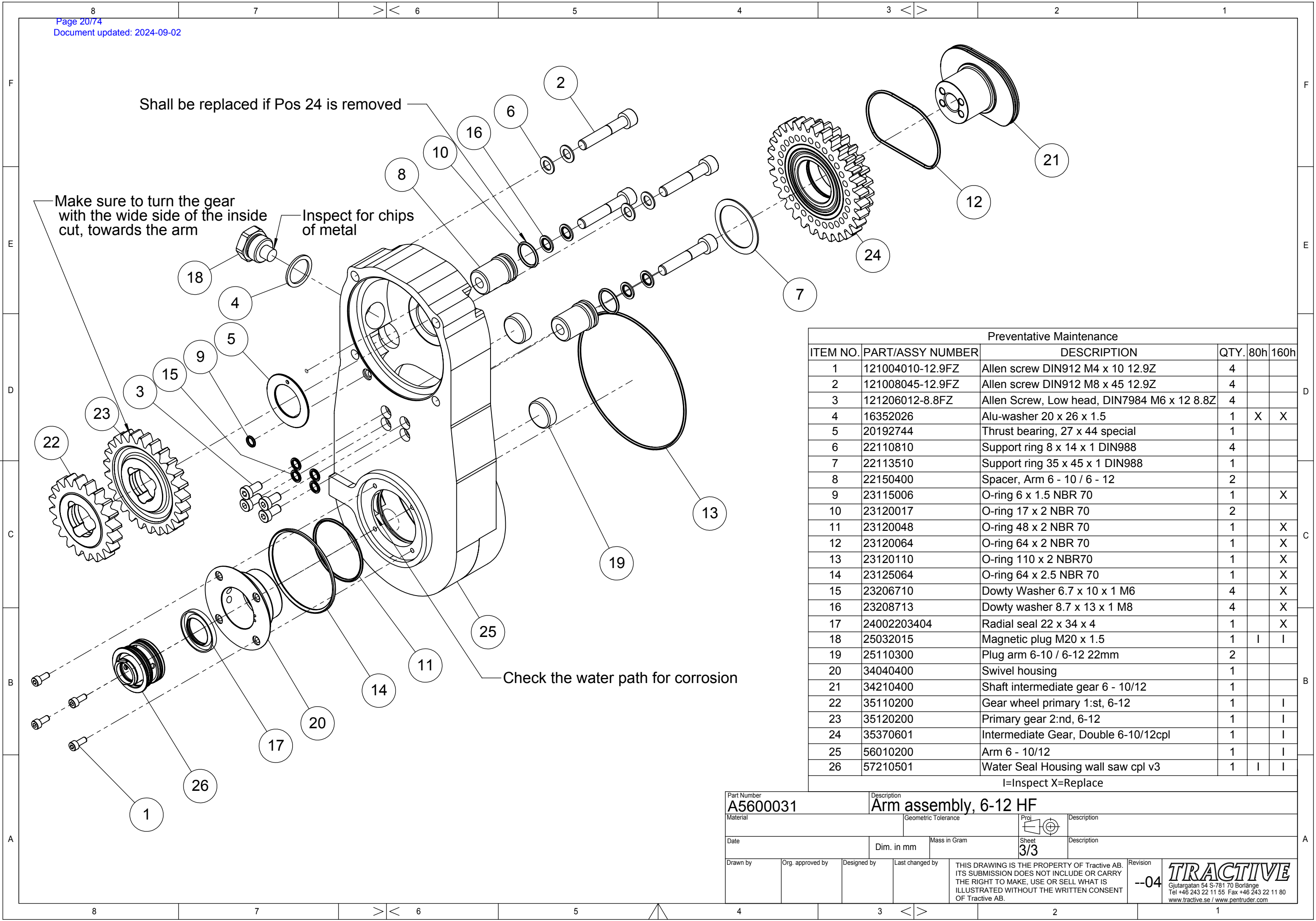


Assembled View

Material			Proj	Scale	Units	Mass, gram	Geometric tolerances	This drawing defines the requirements of the finished (complete) part(s), if not stated otherwise	
				2:1	mm / g				
Approved and released by	JT	2017-12-14	Beskrivning Rälsrulle, över och undre, kpl.						
Checked by			Description Roller upper and lower, cpl.						
Drawn by	A.Johnsen	2011-07-12			Sheet	Part and drawing number		Category	Revision
Designed by	A.Johnsen	2011-07-12	Gjutargatan 54 S-781 70 Borlänge - Sweden		2/3	45010101		B	A

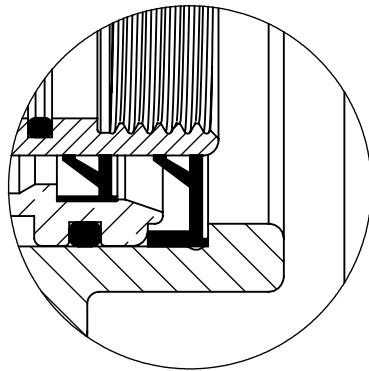
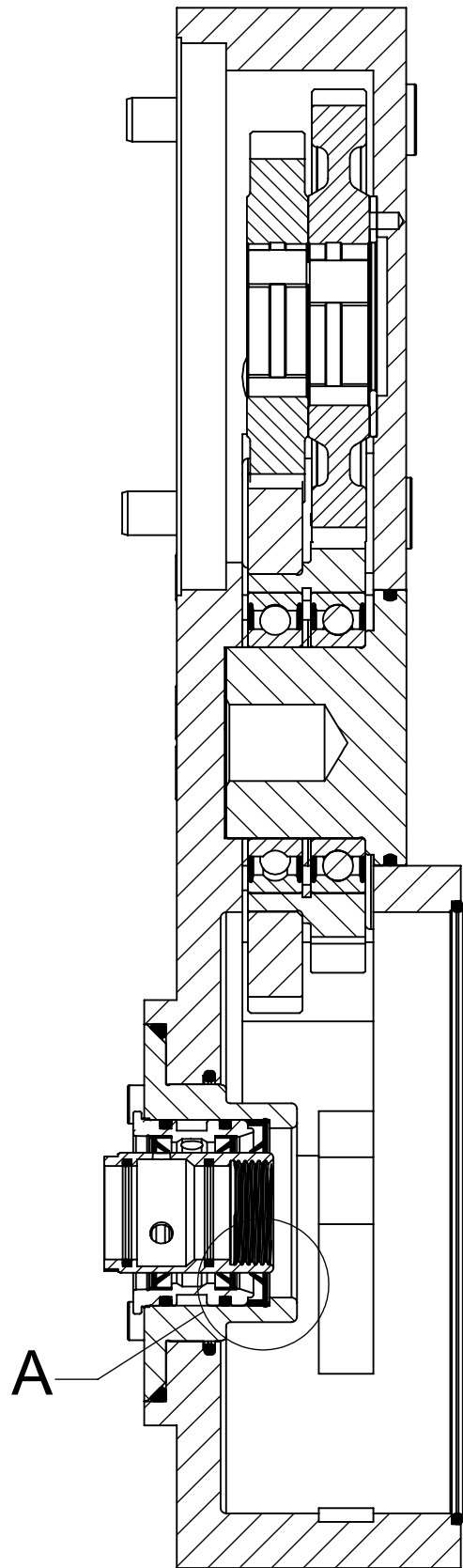


Item	Qty.	Part No.	Description	Note
1	1	121006050-SPEC	Allen screw M6 x 31.5 spec	
2	1	123008025-10.9FZ	C/S Allen screw DIN7991 M8x25 10.9Z	
3	2	17304100	Cyl. pin, CPK 4m6x10 Hardened	
4	1	32120720	Compression spring 1.2 x 7 x 20	
5	1	47010200	Plunger	
6	1	53010200	Handle 6-10 / 12	
7	1	54030100	Lever	
Material		Description		
		Handle 6 - 10/12 and HF saws cpl		
Geometric Tolerance		Sheet	Mass in Gram	Dim.in mm
		1/1	206	
TRACTIVE		Date	Proj	Part Number
		Designed by	Scale	Revision
		AJ	1:2	53010501 A

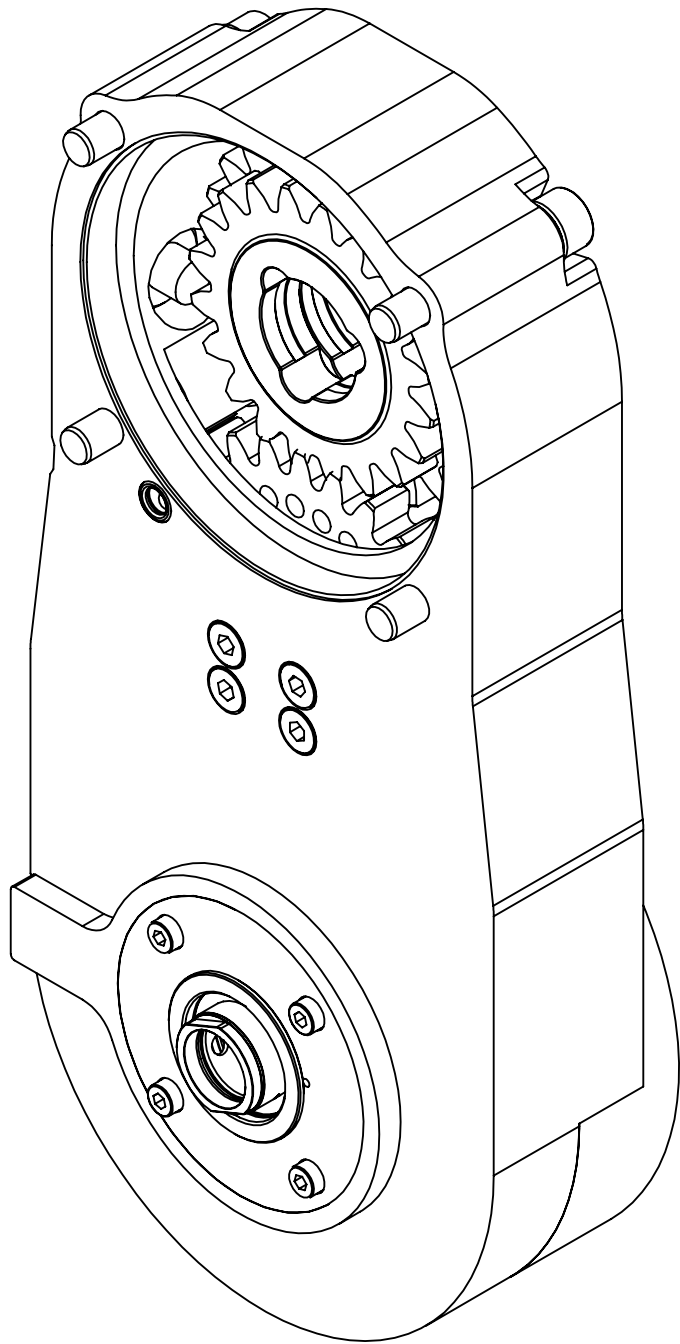


Preventative Maintenance					
ITEM NO.	PART/ASSY NUMBER	DESCRIPTION	QTY.	80h	160h
1	121004010-12.9FZ	Allen screw DIN912 M4 x 10 12.9Z	4		
2	121008045-12.9FZ	Allen screw DIN912 M8 x 45 12.9Z	4		
3	121206012-8.8FZ	Allen Screw, Low head, DIN7984 M6 x 12 8.8Z	4		
4	16352026	Alu-washer 20 x 26 x 1.5	1	X	X
5	20192744	Thrust bearing, 27 x 44 special	1		
6	22110810	Support ring 8 x 14 x 1 DIN988	4		
7	22113510	Support ring 35 x 45 x 1 DIN988	1		
8	22150400	Spacer, Arm 6 - 10 / 6 - 12	2		
9	23115006	O-ring 6 x 1.5 NBR 70	1		X
10	23120017	O-ring 17 x 2 NBR 70	2		
11	23120048	O-ring 48 x 2 NBR 70	1		X
12	23120064	O-ring 64 x 2 NBR 70	1		X
13	23120110	O-ring 110 x 2 NBR70	1		X
14	23125064	O-ring 64 x 2.5 NBR 70	1		X
15	23206710	Dowty Washer 6.7 x 10 x 1 M6	4		X
16	23208713	Dowty washer 8.7 x 13 x 1 M8	4		X
17	24002203404	Radial seal 22 x 34 x 4	1		X
18	25032015	Magnetic plug M20 x 1.5	1	I	I
19	25110300	Plug arm 6-10 / 6-12 22mm	2		
20	34040400	Swivel housing	1		
21	34210400	Shaft intermediate gear 6 - 10/12	1		
22	35110200	Gear wheel primary 1:st, 6-12	1		I
23	35120200	Primary gear 2:nd, 6-12	1		I
24	35370601	Intermediate Gear, Double 6-10/12cpl	1		I
25	56010200	Arm 6 - 10/12	1		I
26	57210501	Water Seal Housing wall saw cpl v3	1	I	I
I=Inspect X=Replace					

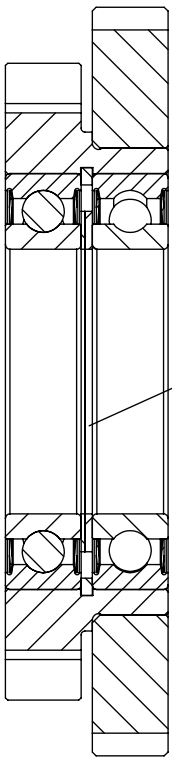
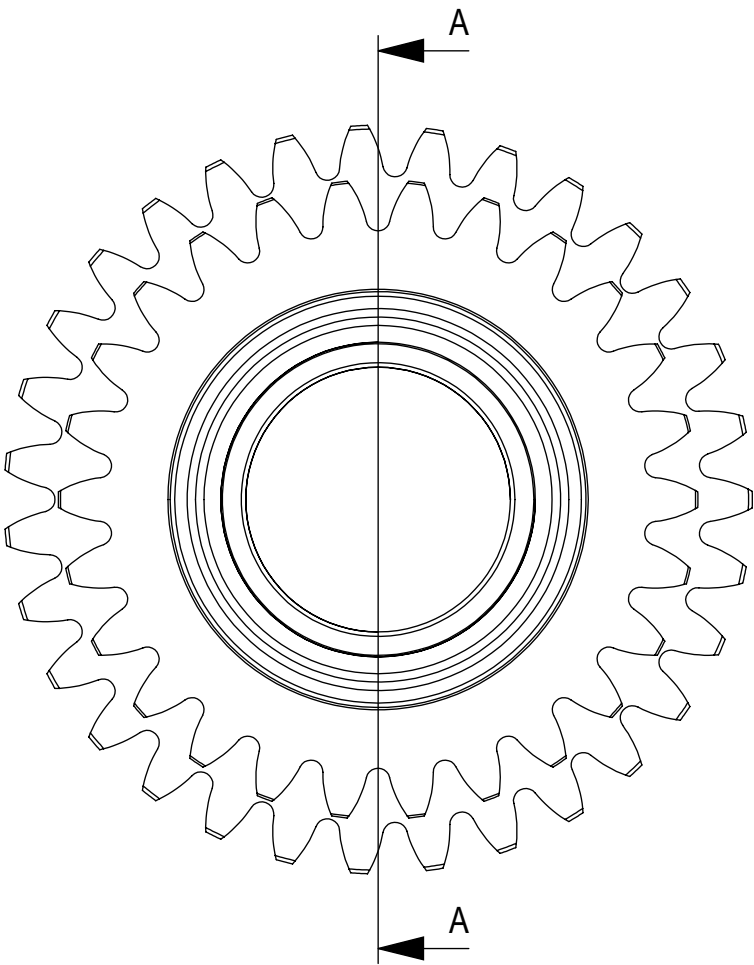
Part Number A5600031		Description Arm assembly, 6-12 HF			
Material		Geometric Tolerance		Proj 	Description
Date		Dim. in mm	Mass in Gram	Sheet 3/3	Description
Drawn by	Org. approved by	Designed by	Last changed by	THIS DRAWING IS THE PROPERTY OF Tractive AB. ITS SUBMISSION DOES NOT INCLUDE OR CARRY THE RIGHT TO MAKE, USE OR SELL WHAT IS ILLUSTRATED WITHOUT THE WRITTEN CONSENT OF Tractive AB.	
				Revision --04	TRACTIVE Gjutargatan 54 S-781 70 Borlänge Tel +46 243 22 11 55 Fax +46 243 22 11 80 www.tractive.se / www.pentrunder.com



A

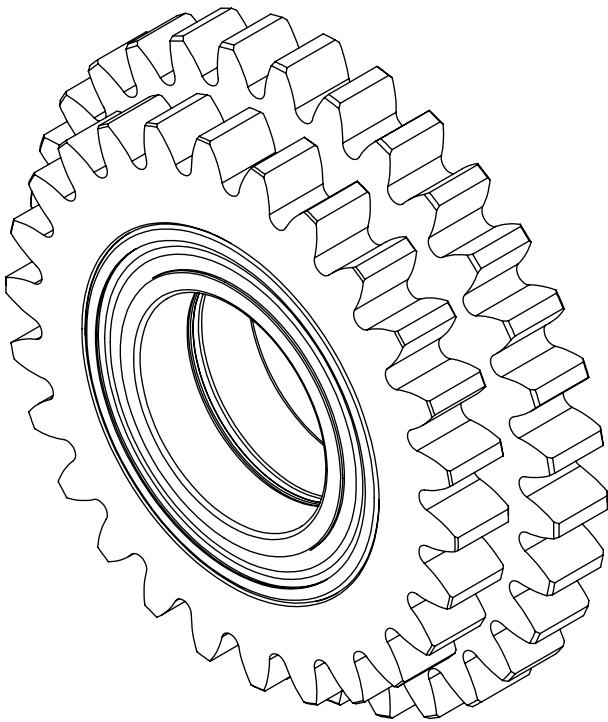


Part Number A5600031		Description Arm assembly, 6-12 HF		
Material		Geometric Tolerance		Proj  Description
Date		Dim. in mm	Mass in Gram	Sheet 2/3 Description
Drawn by	Org. approved by	Designed by	Last changed by	THIS DRAWING IS THE PROPERTY OF Tractive AB. ITS SUBMISSION DOES NOT INCLUDE OR CARRY THE RIGHT TO MAKE, USE OR SELL WHAT IS ILLUSTRATED WITHOUT THE WRITTEN CONSENT OF Tractive AB.
				Revision --04
				TRACTIVE Gjutargatan 54 S-781 70 Borlänge Tel +46 243 22 11 55 Fax +46 243 22 11 80 www.tractive.se / www.pentrunder.com

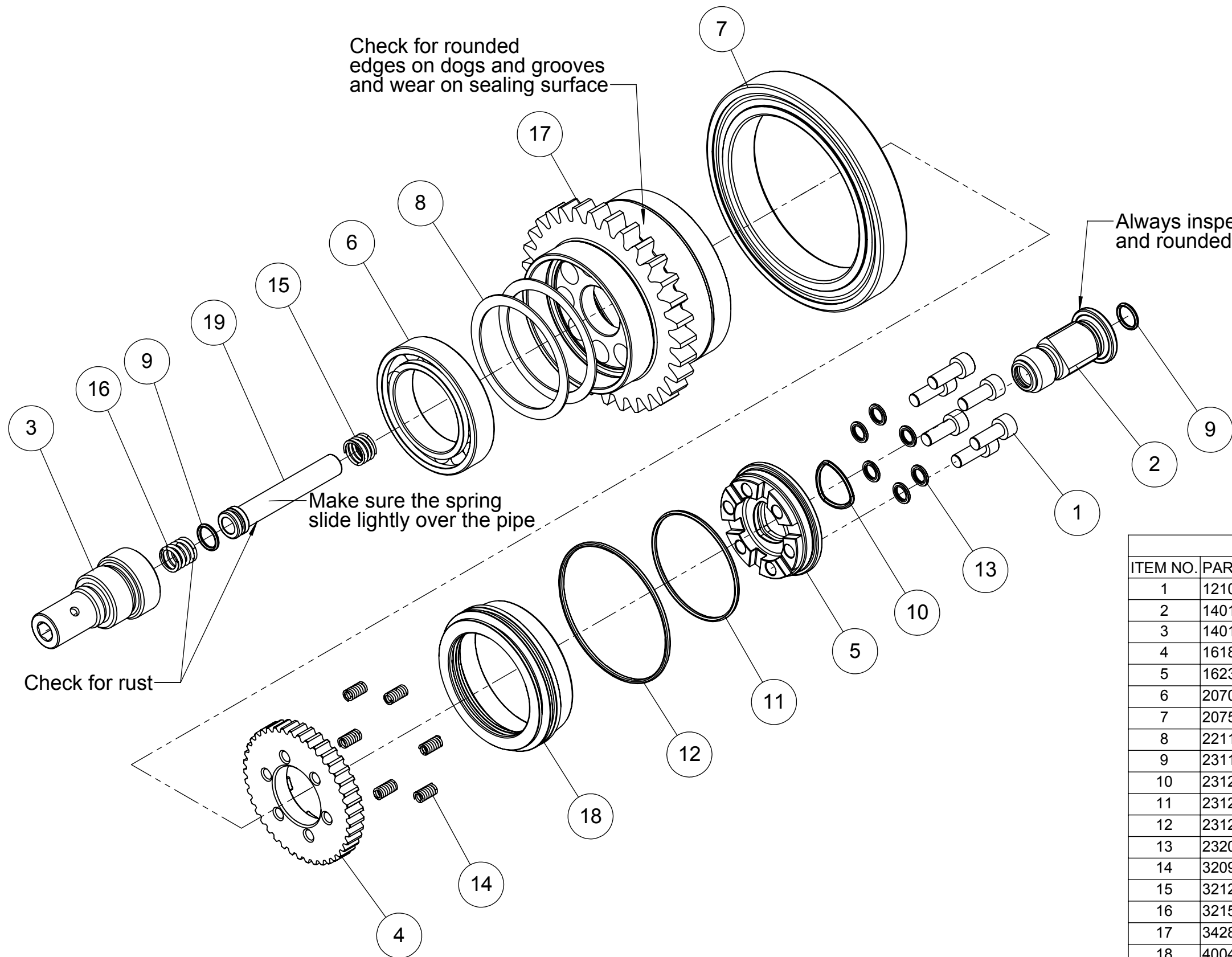


Note: thick washer
on larger gear side

SECTION A-A

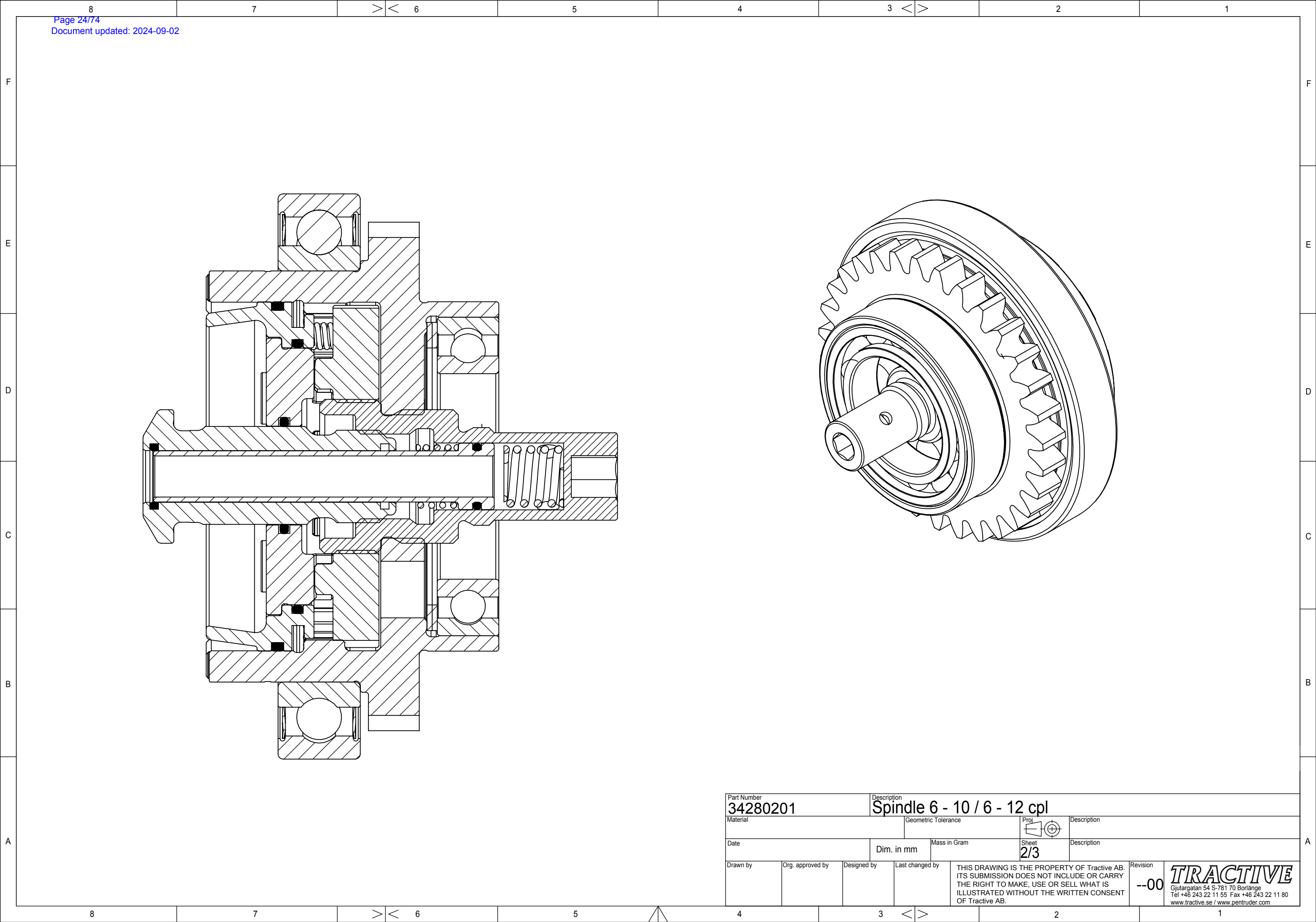


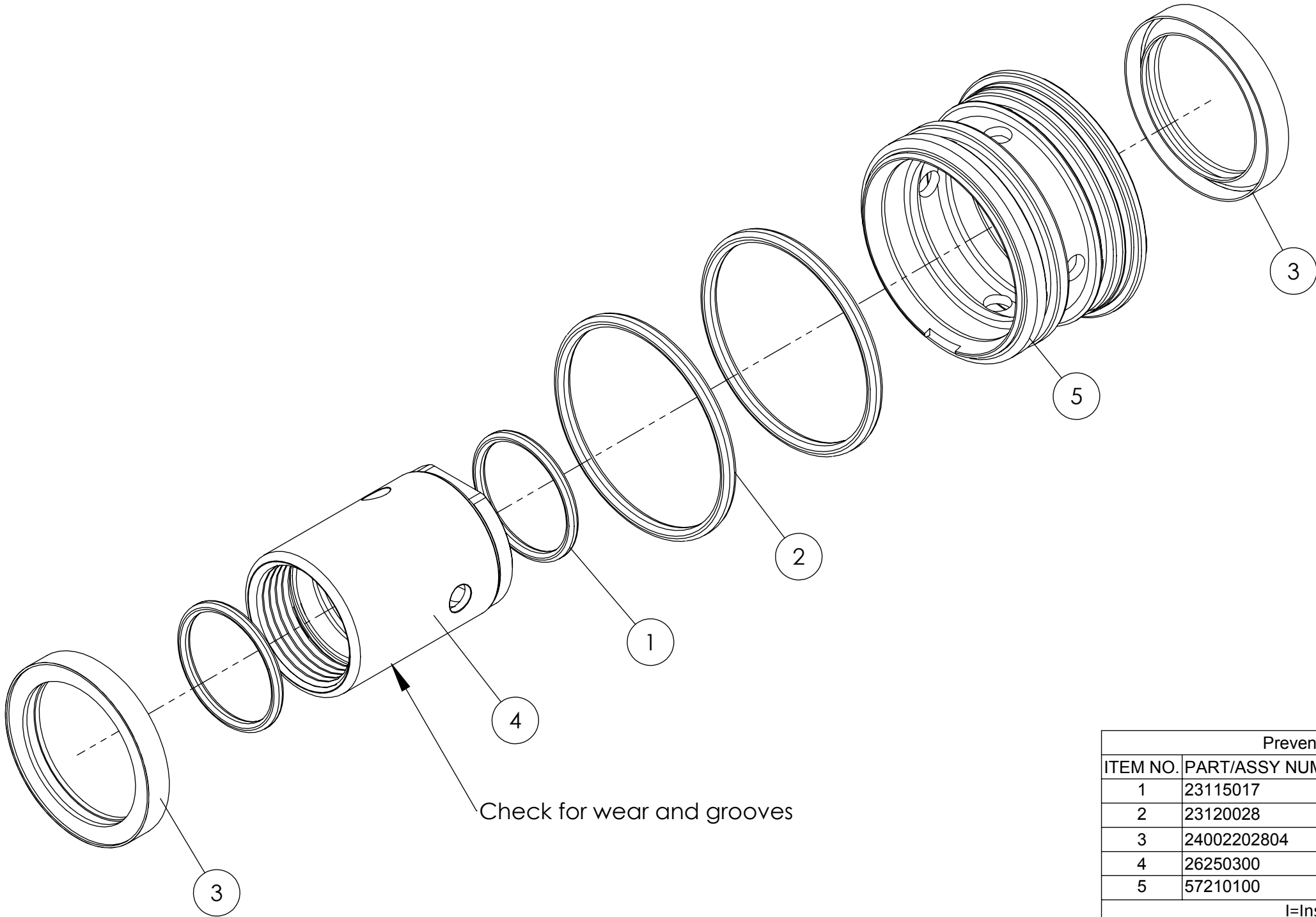
Assy. Number		35370601		
Assy. Description		Intermediate Gear, Double 6-10/12cpl		
Date		TRACTIVE Gjutargatan 54 S-781 70 Borlänge Tel +46 243 22 11 55 Fax +46 243 22 11 80 www.tractive.se / www.pentruder.com		
Revision	--00			
Drawn				
Approved				
Supercedes				
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		Drawing Size	A3	



Preventative Maintenance					
ITEM NO.	PART/ASSY NUMBER	DESCRIPTION	QTY.	80h	160h
1	121006016-12.9FZ	Allen Screw DIN912 M6 x 16 12.9Z	6		
2	14010200	Pull stud	1	I	I
3	14010300	Screw quick disconnect coupling	1		
4	16180200	Spline washer, with dogs	1		
5	16230200	Washer, dog type, int. triangular	1		
6	207061908	Radial bearing 61908-C3	1		X
7	207561916	Radial support 61916-2RS1/C3	1		X
8	22115010	Support ring 50 x 62 x 1 DIN988	2		
9	23115010	O-ring 10 x 1.5 NBR 70	2		X
10	23120020	O-ring 20 x 2 NBR 70	1		X
11	23120050	O-ring 50 x 2 NBR 70	1		X
12	23120064	O-ring 64 x 2 NBR 70	1		X
13	23206710	Dowty Washer 6.7 x 10 x 1 M6	6		X
14	32090515	Compression spring 0.9 x 5.4 x 15	6		
15	32121015	Compression spring 1.2 x 10 x 15	1		
16	32150915	Compression spring 1.5 x 9 x 15	1		
17	34280200	Spindle 6 - 10 / 6 - 12	1		I
18	40040100	Centering cone	1		
19	50070100	Tube, water feed	1		
I=Inspect X=Replace					

Part Number 34280201		Description Spindle 6 - 10 / 6 - 12 cpl			
Material		Geometric Tolerance		Proj 	
Date		Dim. in mm		Mass in Gram	
Sheet 3/3		Description			
Drawn by	Org. approved by	Designed by	Last changed by	THIS DRAWING IS THE PROPERTY OF Tractive AB. ITS SUBMISSION DOES NOT INCLUDE OR CARRY THE RIGHT TO MAKE, USE OR SELL WHAT IS ILLUSTRATED WITHOUT THE WRITTEN CONSENT OF Tractive AB.	
Revision --01				TRACTIVE Gjutargatan 54 S-781 70 Borlänge Tel +46 243 22 11 55 Fax +46 243 22 11 80 www.tractive.se / www.pentrunder.com	



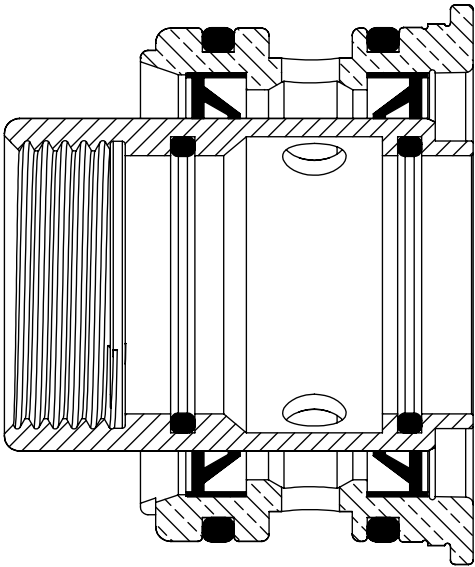


Preventative Maintenance				
ITEM NO.	PART/ASSY NUMBER	DESCRIPTION	QTY.	80h
1	23115017	O-ring 17 x 1.5 NBR 70	2	X
2	23120028	O-ring 28 x 2.0 NBR 70	2	X
3	24002202804	Seal, water 22 x 28 x 4	2	X
4	26250300	Wear sleeve	1	I
5	57210100	Water seal housing	1	

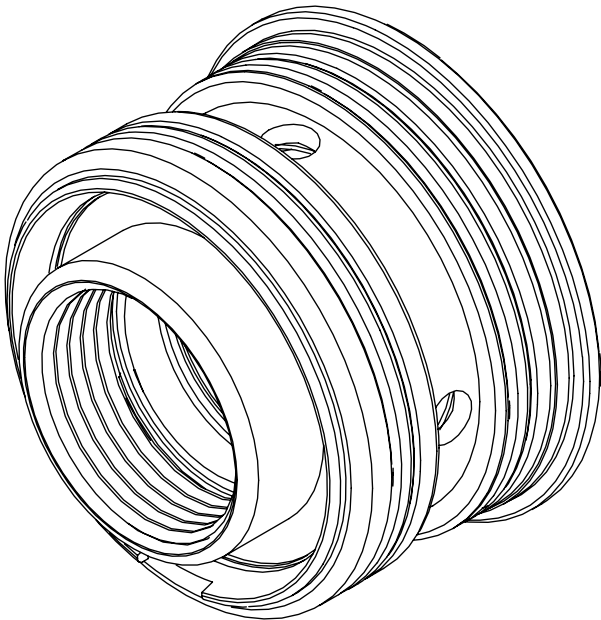
I=Inspect X=Replace

Suppliers Part Number		Supercedes		Date	2017-01-02	Part Number	57210501
Material Code		Material Dimension		Procurement	Description		
Material		Geometric Tolerance		Proj	Water Seal Housing wall saw cpl v3		
Derived From		Scale	1:1	Mass	Sheet	3/3	
Drawn by	Approved by	Designed by	THIS DRAWING IS THE PROPERTY OF Tractive AB. ITS SUBMISSION DOES NOT INCLUDE OR CARRY THE RIGHT TO MAKE, USE OR SELL WHAT IS ILLUSTRATED WITHOUT THE WRITTEN CONSENT OF Tractive AB.			Revision	--01
JG	AJ					TRACTIVE Gjutargatan 54 S-781 70 Borlänge Tel +46 243 22 11 55 Fax +46 243 22 11 80 www.tractive.se / www.pentrunder.com	

Dimensions in mm

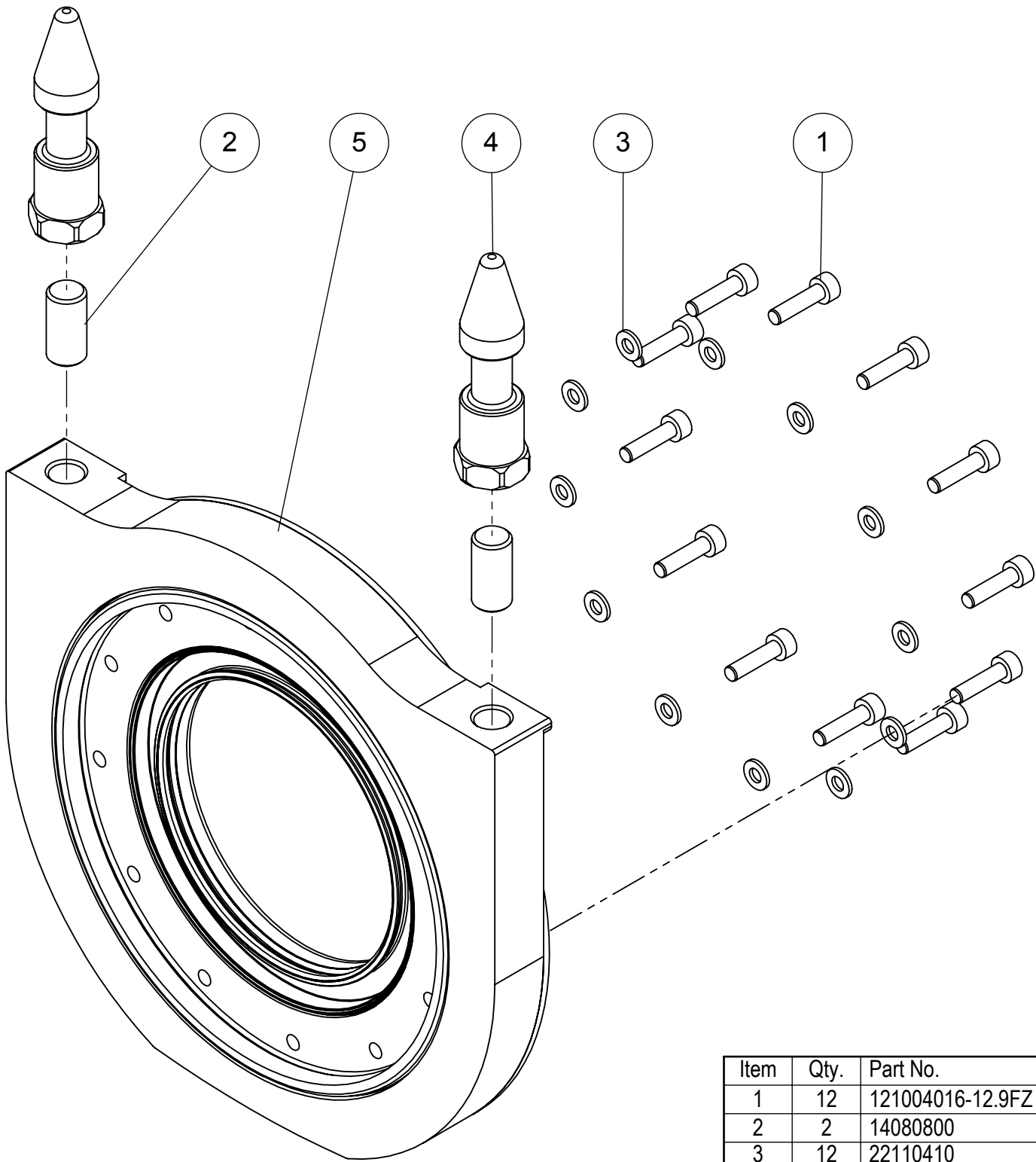


Section View



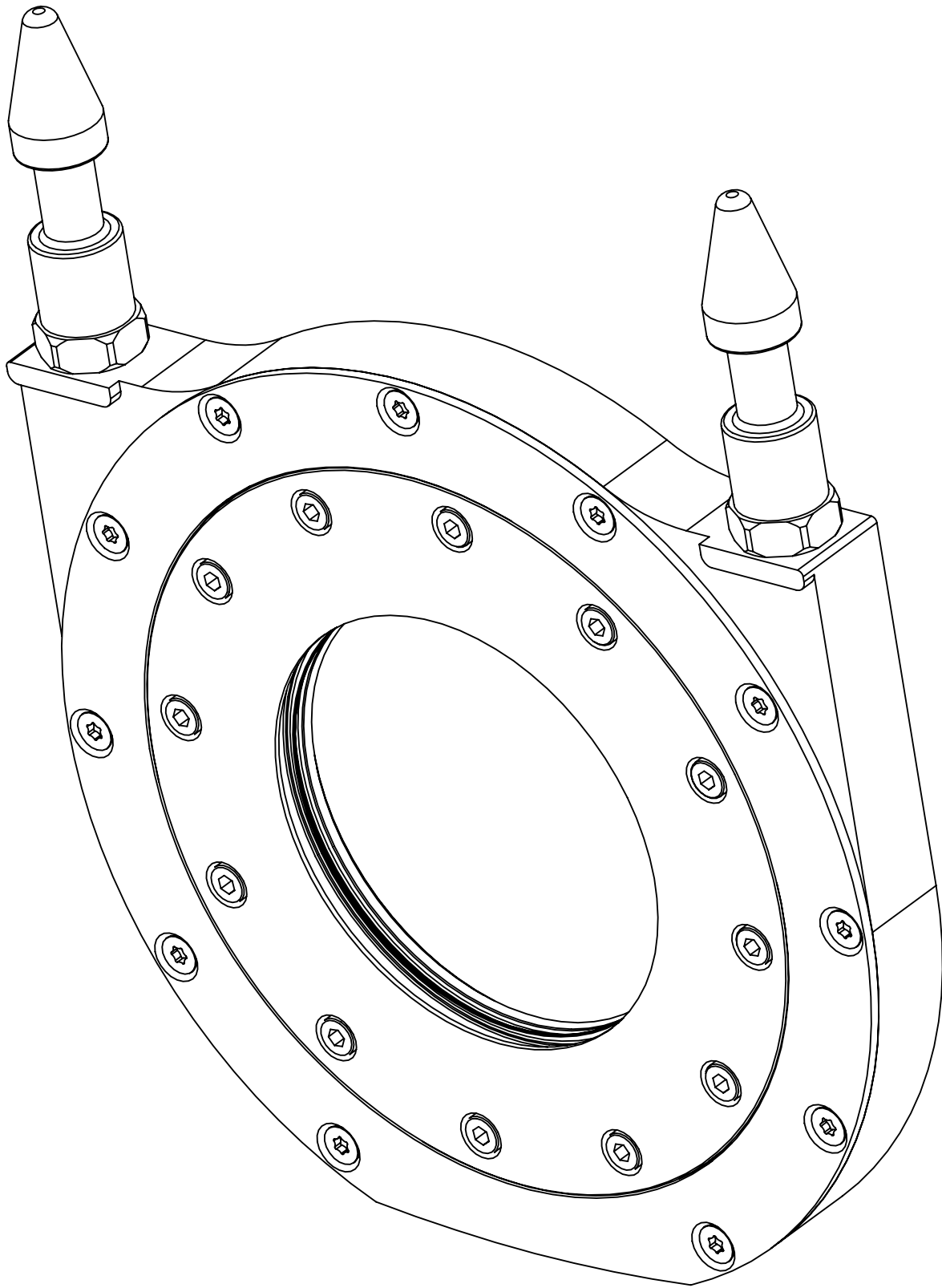
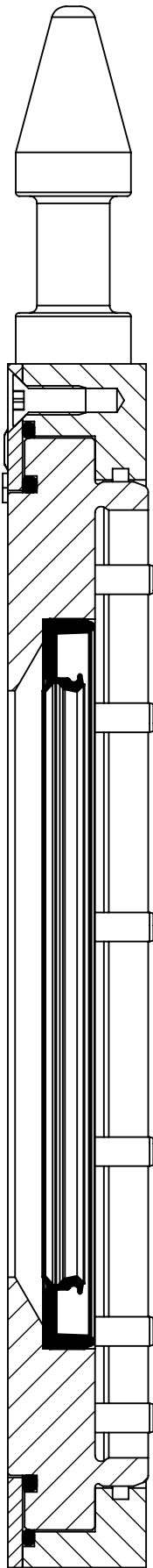
Assembled View

Assy. Number		57210501	
Assy. Description		Water Seal Housing wall saw cpl v3	
Date	2017-01-02	TRACTIVE Gjutargatan 54 S-781 70 Borlänge Tel +46 243 22 11 55 Fax +46 243 22 11 80 www.tractive.se / www.pentruder.com	
Revision			
Drawn	JG		
Approved	AJ		
Supercedes			
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		Drawing Size	A3
			SHEET 2 OF 3



Rev.	Note	Date	Rev. By	Appr. By
A	Updated after migration	2018-01-10	JG	JG

Item	Qty.	Part No.	Description	Note
1	12	121004016-12.9FZ	Allen screw DIN912 M4 x 16 12.9Z	
2	2	14080800	Stud, M10 x 20	
3	12	22110410	Support ring 4 x 8 x 1 DIN988	
4	2	40070300	Guide cone, int. M10	
5	1	42020101	Flange blade guard holder cpl	
Material			Description Flange Assembly 6-12	
Geometric Tolerance		Sheet 1/2	Mass in Gram	Dim.in mm
TRACTIVE		Date	Proj	Note
		Drawn by	Designed by JG	Scale 1:2
Part Number				Revision
A4200004				A



Material		Description Flange Assembly 6-12				
Geometric Tolerance	Sheet 2/2	Mass in Gram	Dim.in mm	Note		
<i>TRACTIVE</i>		Date	Proj 	Part Number	A4200004	
		Drawn by	Designed by JG	Scale 1:2		A
					Revision	

Rev.	Note	Date	Rev. By	Appr. By
A	Updated after migration	2018-01-10	JG	JG

Exploded view diagram of a blade guard assembly for a circular saw. The diagram shows seven numbered components:

- 1. Screws
- 2. O-ring
- 3. O-ring
- 4. Radial seal
- 5. Flange
- 6. Flange blade guard holder
- 7. Flange, blade guard holder

The components are arranged in an exploded view showing their relative positions and assembly sequence.

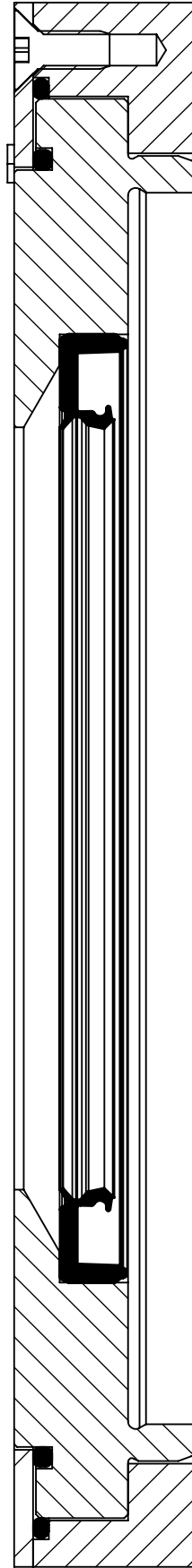
Preventative Maintenance I=Inspect X=Replace				
Item	Qty.	Part No.	Description	Note
1	11	121404010	C/S Torx screw ISO7046 M4x10	
2	1	23120135	O-ring 135 x 2 NBR 70	
3	1	23120150	O-ring 150 x 2 NBR 70	
4	1	24008010007	Radial seal 80 x 100 x 7 w. dust lip	
5	1	42010100	Flange, POM	
6	1	42020100	Flange blade guard holder 6-10/6-16	
7	1	42020300	Flange, blade guard holder, T=2	

Material	Proj	Scale	Units	Mass, gram	Geometric tolerances
	1:1.8	mm / g	661		
Approved and released by	Beskrivning Fläns klingskyddsf. kpl 6-10/12/16				

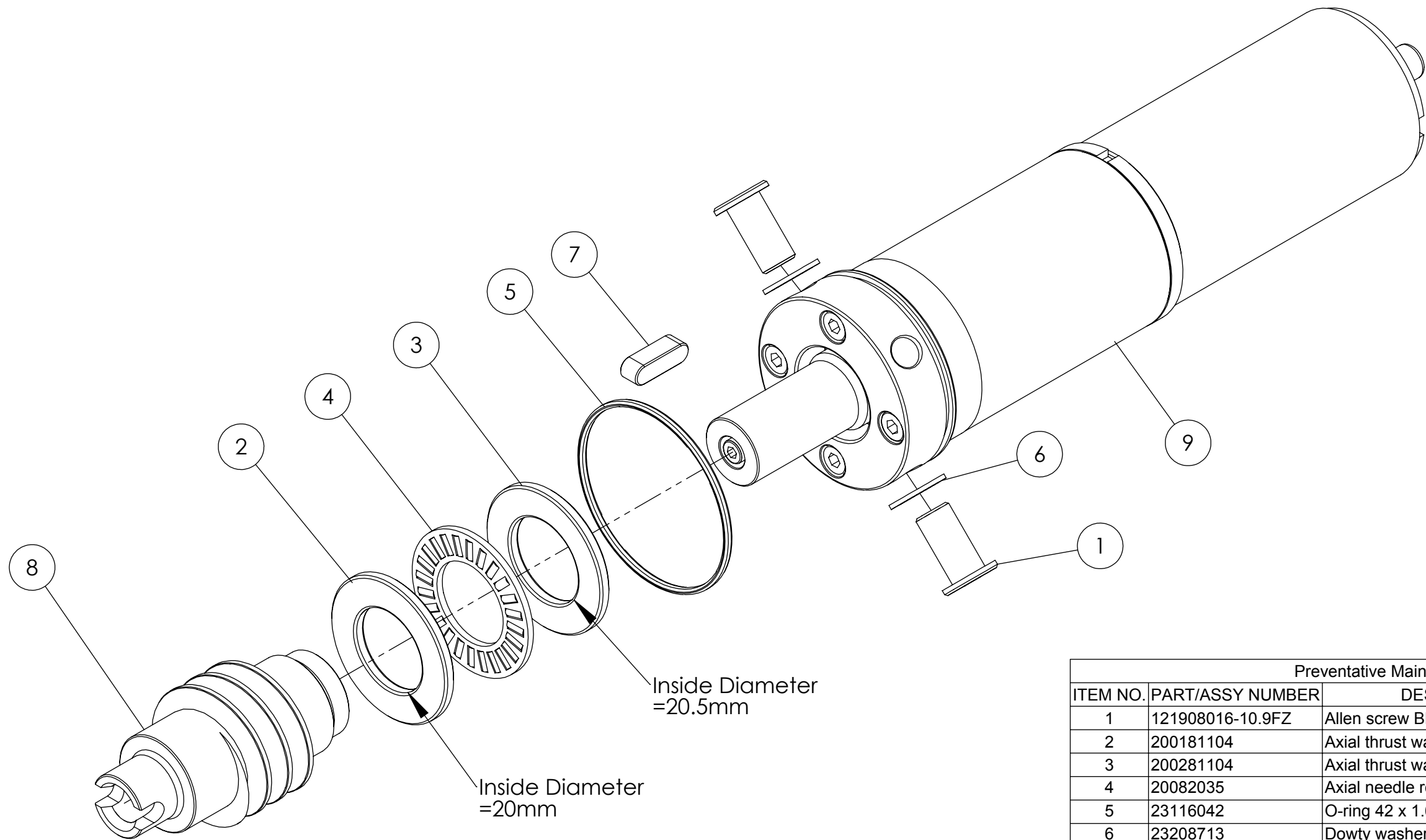
Preventative Maintenance I=Inspect X=Replace									
Item	Qty.	Part No.	Description	Note	80h	160h			
1	11	121404010	C/S Torx screw ISO7046 M4x10						
2	1	23120135	O-ring 135 x 2 NBR 70			X			
3	1	23120150	O-ring 150 x 2 NBR 70			X			
4	1	24008010007	Radial seal 80 x 100 x 7 w. dust lip			X			
5	1	42010100	Flange, POM						
6	1	42020100	Flange blade guard holder 6-10/6-16						
7	1	42020300	Flange, blade guard holder, T=2						

Material		Proj	Scale	Units	Mass, gram	Geometric tolerances	This drawing defines the requirements of the finished (complete) part(s), if not stated otherwise	
			1:1.8	mm / g	661			

Approved and released by			Beskrivning Fläns klingskyddsf. kpl 6-10/12/16						
Checked by	J.Gustavson	2022-06-16	Description Flange blade guard holder cpl						
Drawn by	J.Gustavson	2017-02-17			Sheet 2/3	Drawing number 42020101		Category 3	Revision
Designed by	J.Gustavson	2017-02-16	Gjutargatan 54 S-781 70 Borlänge - Sweden						

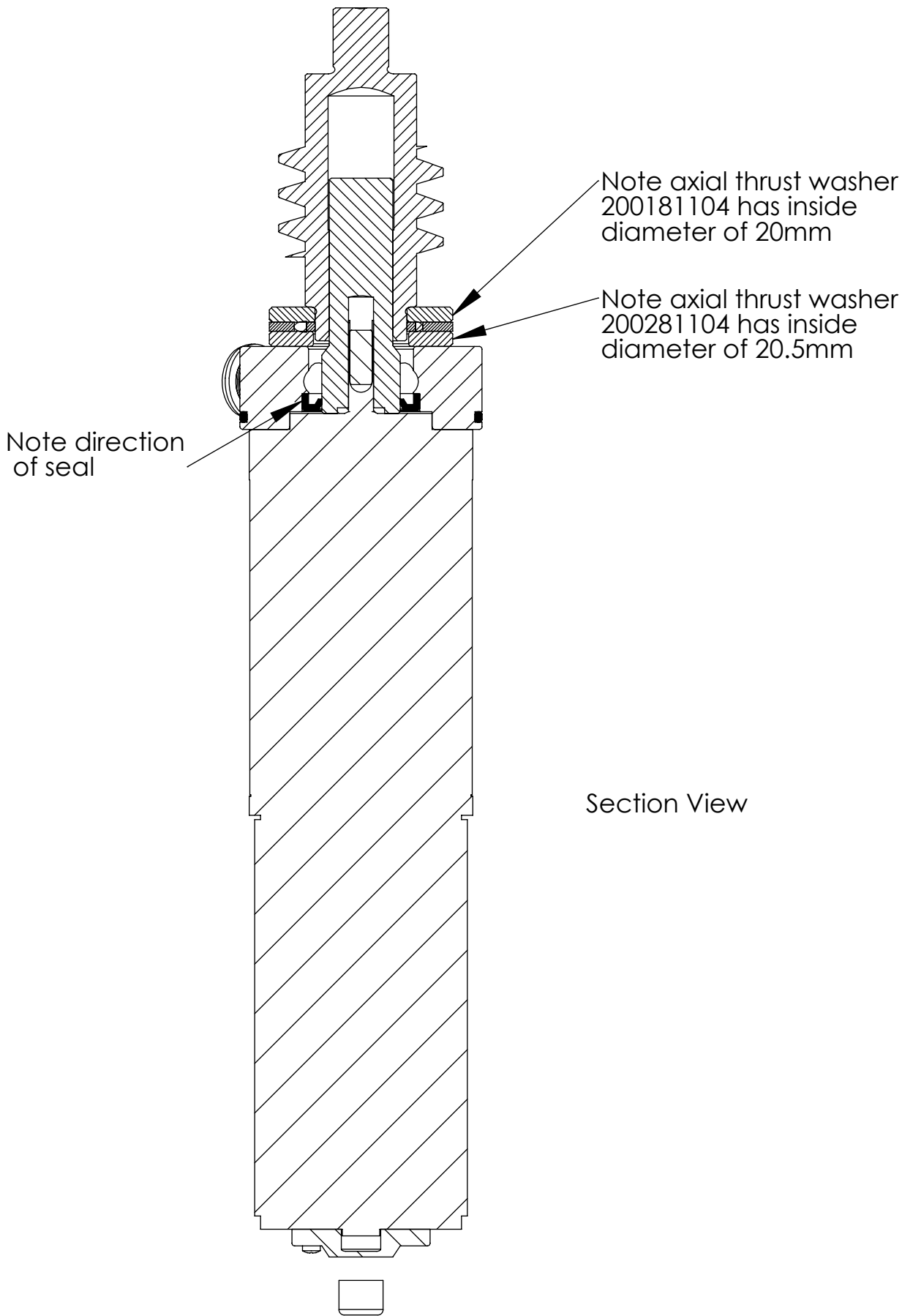


Material				Proj	Scale	Units	Mass, gram	Geometric tolerances		This drawing defines the requirements of the finished (complete) part(s), if not stated otherwise	
					1:2	mm / g	661				
Approved and released by			Beskrivning Flåns klingskyddsf. kpl 6-10/12/16								
Checked by	J.Gustavson	2022-06-16	Description Flange blade guard holder cpl								
Drawn by	J.Gustavson	2017-02-17			Sheet	Drawing number				Category	Revision
Designed by	J.Gustavson	2017-02-16			3/3	42020101				3	
			Gjutargatan 54 S-781 70 Borlänge - Sweden								

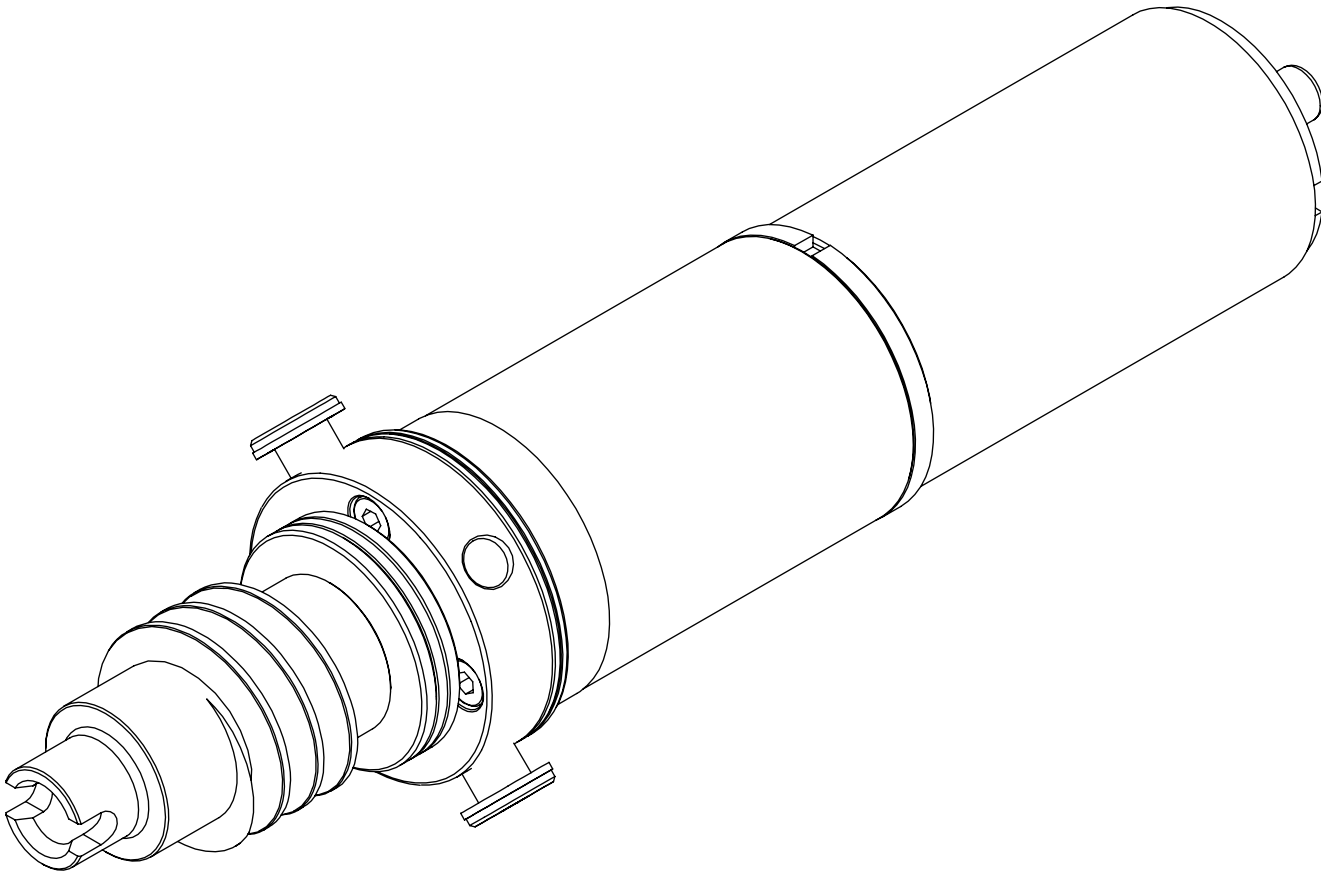


Preventative Maintenance					
ITEM NO.	PART/ASSY NUMBER	DESCRIPTION	QTY.	80h	160h
1	121908016-10.9FZ	Allen screw BN1206 M8 x 16 10.9Z	2		
2	200181104	Axial thrust washer, WS 81104	1		
3	200281104	Axial thrust washer, GS 81104	1		
4	20082035	Axial needle roller bearing AXK2035	1		I
5	23116042	O-ring 42 x 1.6 NBR 70	1		X
6	23208713	Dowty washer 8.7 x 13 x 1 M8	2		X
7	29110516	Key 5 x 5 x 16	1		
8	35500100	Worm screw	1		
9	63104301	Matningsmotor 24V 43:1 kpl	1		I
I=Inspect X=Replace					

Assy. Number		A6300001	
Assy. Description		Arm feed motor, 24V, 43:1, assy	
Date	2011-07-13	TRACTIVE Gjutargatan 54 S-781 70 Borlänge Tel +46 243 22 11 55 Fax +46 243 22 11 80 www.tractive.se / www.pentruder.com	
Revision	--03		
Drawn	KRT		
Approved	AJ		
Supercedes			
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		Drawing Size	A3
		SHEET 3 OF 3	



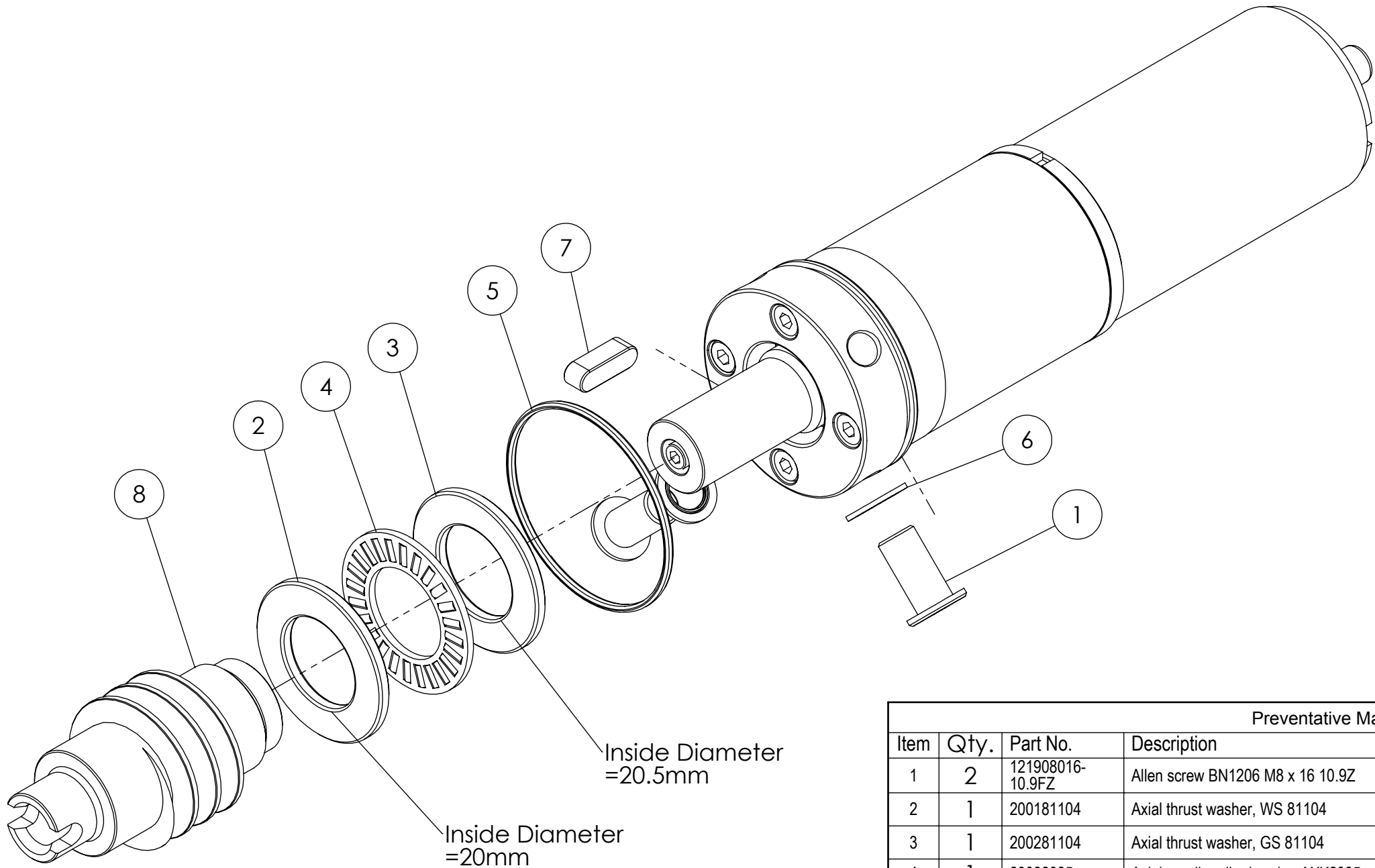
Section View



Assembled View

Assy. Number		A6300001	
Assy. Description		Arm feed motor, 24V, 43:1, assy	
Date	2011-07-13	TRACTIVE Gjutargatan 54 S-781 70 Borlänge Tel +46 243 22 11 55 Fax +46 243 22 11 80 www.tractive.se / www.pentruder.com	
Revision	--03		
Drawn	KRT		
Approved	AJ		
Supercedes			
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		Drawing Size	A3
			SHEET 2 OF 3

Rev.	Note	Date	Rev. By	Appr. By
A	New Document	2017-12-05	JG	JG



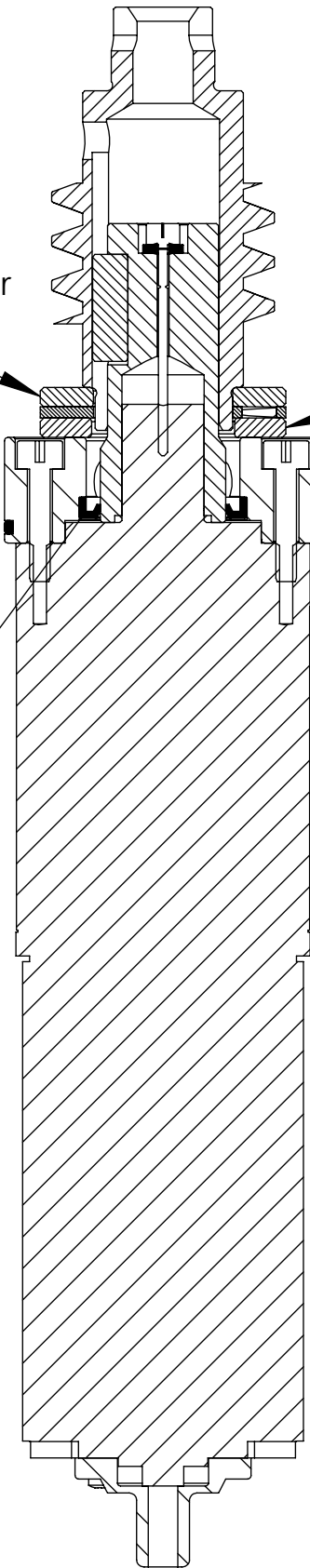
Preventative Maintenance						
Item	Qty.	Part No.	Description	Note	80h	160h
1	2	121908016-10.9FZ	Allen screw BN1206 M8 x 16 10.9Z			
2	1	200181104	Axial thrust washer, WS 81104			
3	1	200281104	Axial thrust washer, GS 81104			
4	1	20082035	Axial needle roller bearing AXK2035			I
5	1	23116042	O-ring 42 x 1.6 NBR 70			X
6	2	23208713	Dowty washer 8.7 x 13 x 1 M8			X
7	1	29110516	Key 5 x 5 x 16			
8	1	35500100	Worm screw			
9	1	63101501	Matningsmotor 24V 15:1 kpl			I
I=Inspect X=replace						
Material			Description Travel motor 24V, 15:1 assy			
Geometric Tolerance		Sheet 3/3	Mass in Gram	Dim.in mm	Note	
TRACTIVE			Date 2017-12-05	Proj 	Part Number A6300006	
			Drawn by JG	Designed by JG		
			Scale 1:1.5	Revision A		

Rev.	Note	Date	Rev. By	Appr. By
A	New Document	2017-12-05	JG	JG

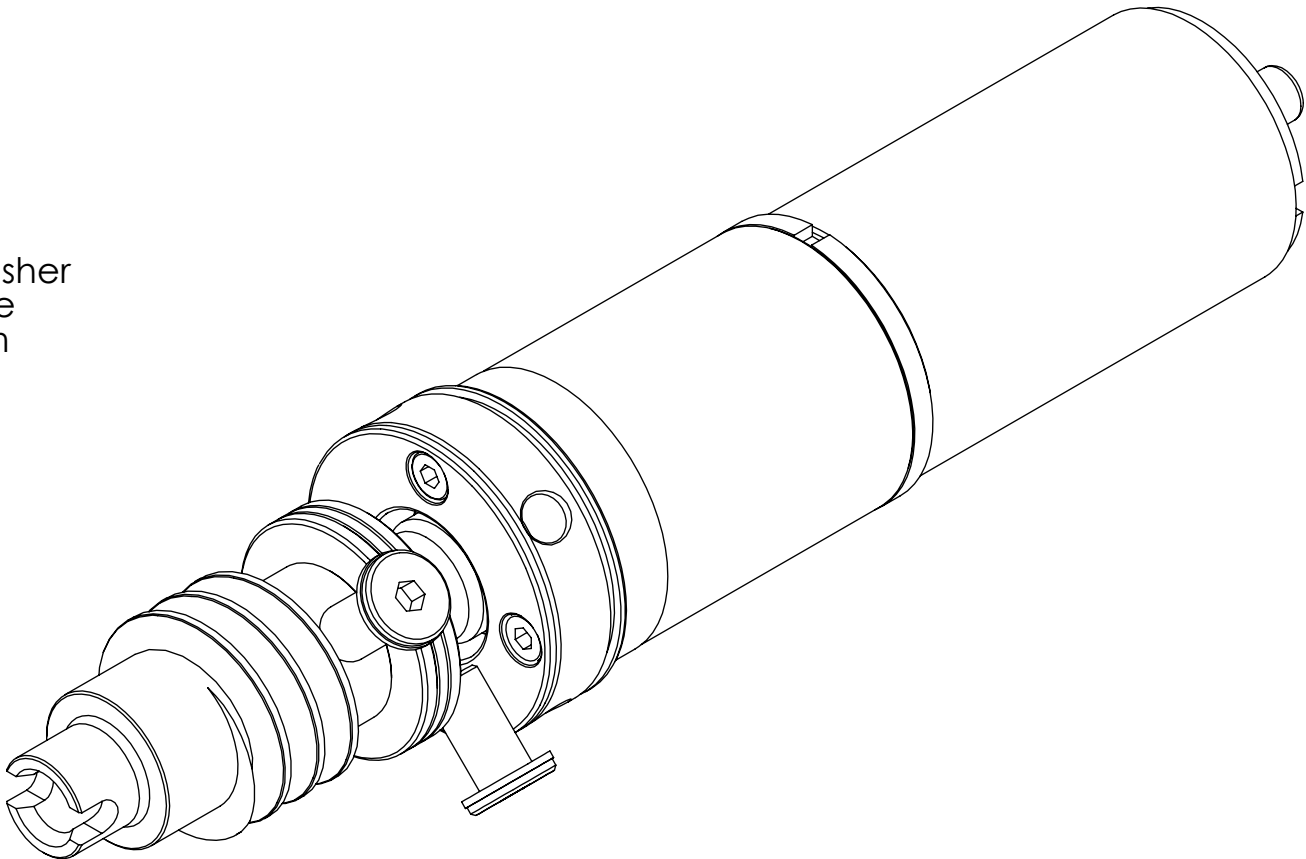
Note axial thrust washer
200181104 has inside
diameter of 20mm

Note axial thrust washer
200281104 has inside
diameter of 20.5mm

Note direction
of seal

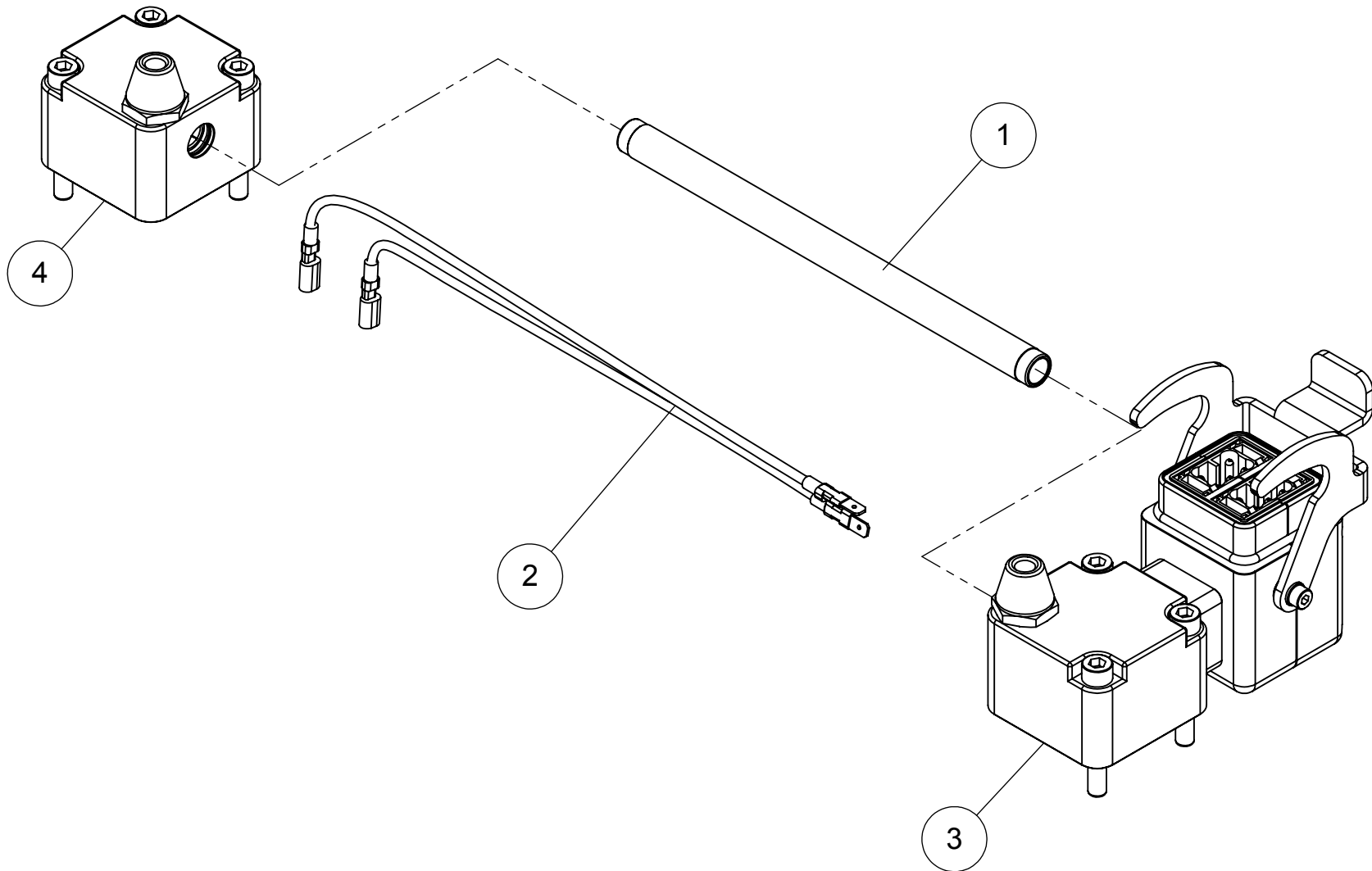


Section View



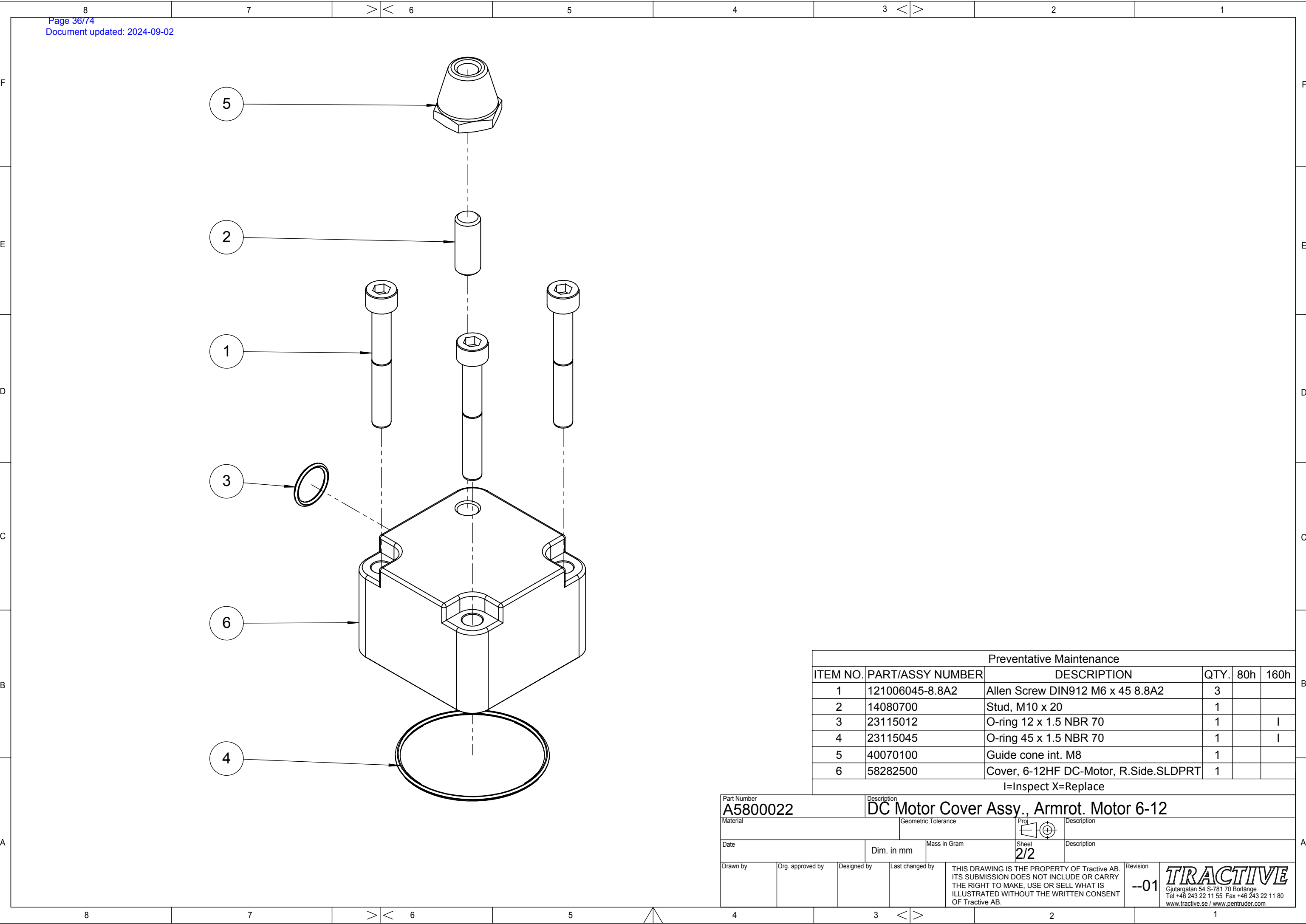
Assembled View

Material		DescriptionTravel motor 24V, 15:1 assy			
Geometric Tolerance	Sheet2/3	Mass in Gram	Dim.in mm	Note	
<i>TRACTIVE</i>		Date2017-12-05	Proj 	Part Number	A6300006
		Drawn byJG	Designed byJG	Scale1:1	



ITEM NO.	PART/ASSY NUMBER	DESCRIPTION	QTY.
1	50190600	Link tube 6 - 12HF	1
2	64017601	Cables between feed motors 8-20HF / IQ / CBK	1
3	A5800021	DC Motor Cover Assembly, Travel Motor 6-12	1
4	A5800022	DC Motor Cover Assy., Armrot. Motor 6-12	1

Part Number A5800023		Description Feed motors covers 6-12HF	
Material		Geometric Tolerance	
Date		Dim. in mm	
Mass in Gram		Sheet 1/1	
Drawn by	Org. approved by	Designed by	Last changed by
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Revision --00		TRACTIVE Gjutargatan 54 S-781 70 Borlänge Tel +46 243 22 11 55 Fax +46 243 22 11 80 www.tractive.se / www.pentrunder.com	



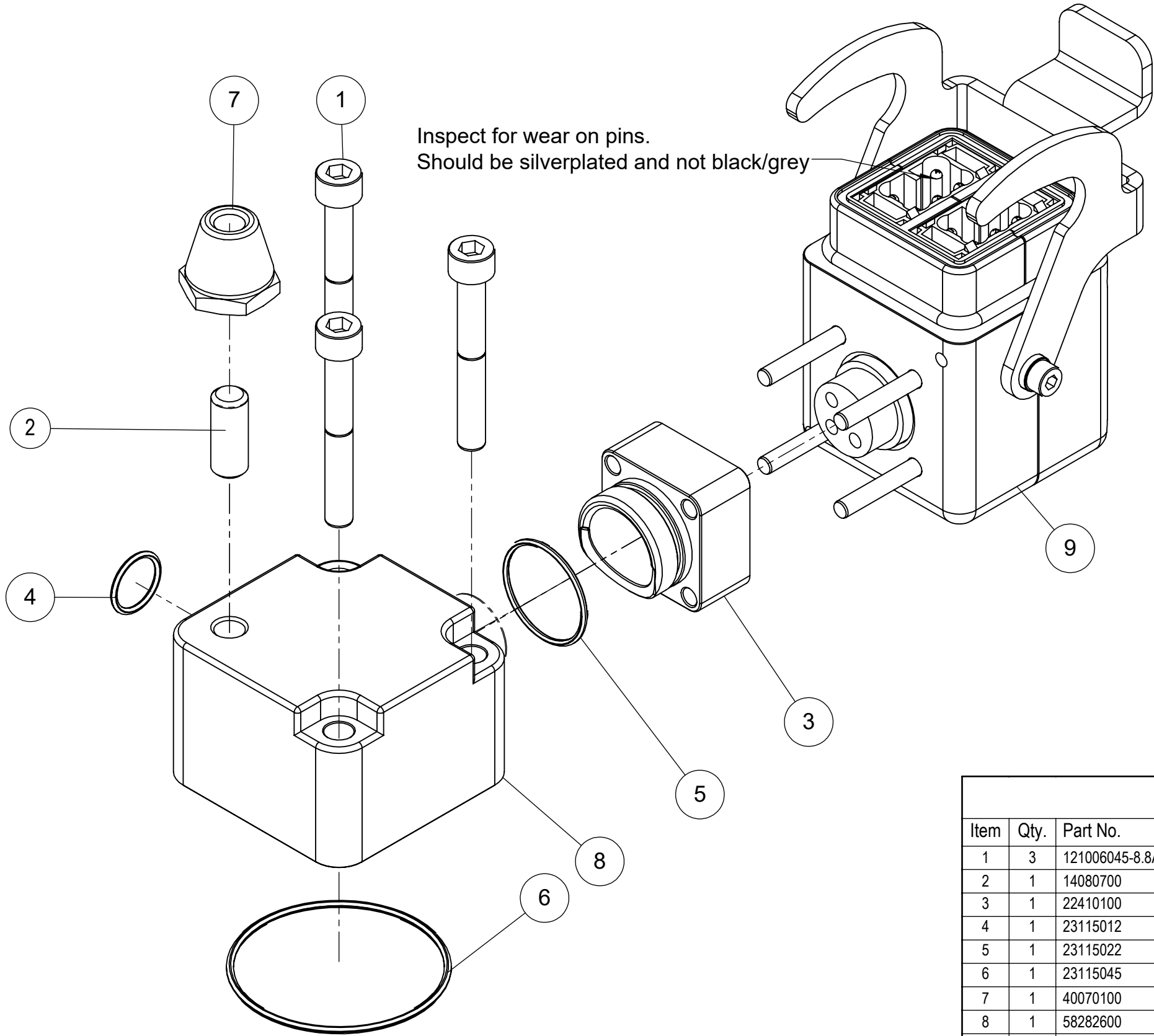
2022-06-16 Model: A5800021 Rev:

Tractive AB
Gjutargatan 54 S-781 70 Borlänge
Tel +46 243 22 11 55 www.tractive.se

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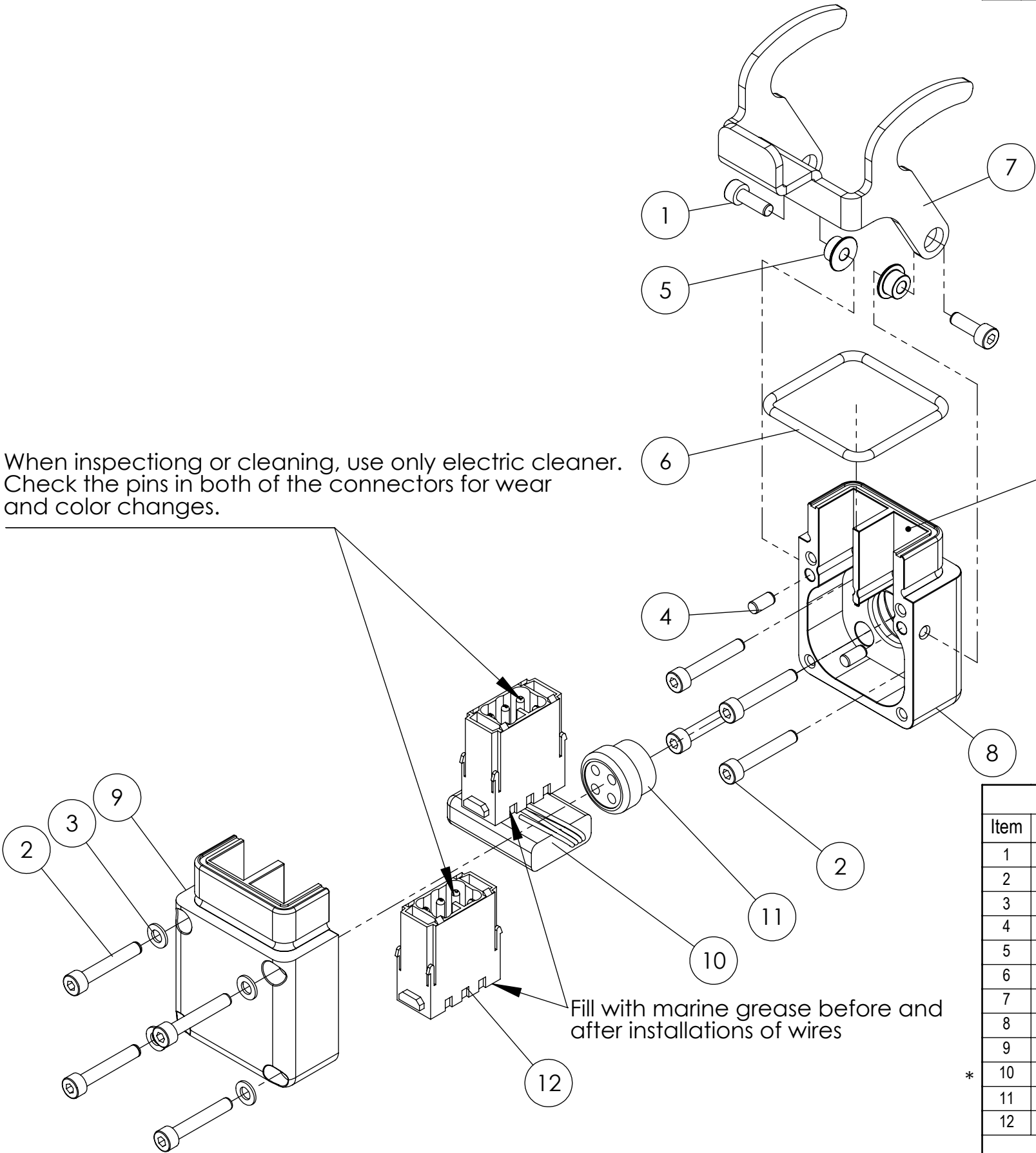
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Rev.	Note	Date	Rev. By	Appr. By



Preventative Maintenance I=Inspect X=Replace						
Item	Qty.	Part No.	Description	Note	80h	160h
1	3	121006045-8.8A2	Allen screw DIN912 M6 x 45 A2			
2	1	14080700	Stud, M8 x 20			
3	1	22410100	Spacer, Cannon connector, 24V			
4	1	23115012	O-ring 12 x 1.5 NBR 70			I
5	1	23115022	O-ring 22 x 1.5 NBR 70			I
6	1	23115045	O-ring 45 x 1.5 NBR 70			I
7	1	40070100	Guide cone int. M8			
8	1	58282600	Cover, 6-12HF DC-Motor, Left Side Ver 2			
9	1	A6400001	Connector, Assembly, on Chassis, 24V			I
Material			Proj	Scale	Units	Mass, gram
Approved and released by			⊕	1:5	mm / g	Geometric tolerances
Checked by			Beskrivning			
Drawn by			Description			
Designed by			DC Motor Cover Assembly, Travel Motor 6-12			
			Sheet		Part and drawing number	
			2/2		A5800021	
			Category		Revision	

Rev.	Note	Date	Rev. By	Appr. By
A	Updated after migration	2018-02-21	JG	JT



When inspecting or cleaning, use only electric cleaner. Check the pins in both of the connectors for wear and color changes.

Apply Loctite 518 at the surfaces between pos 8,9,10 and 12 to make sure it's a proper seal

*
The ID-chip does not need to be replaced, just the connector insert(64150400) every 80h.

If the ID-chip has the black connector (Molex connector) the wires need to be disassembled from the connector and install directly into the connector insert (64150400)

When only replacing the connector in Pos 10, order part no: 64150400.

Preventative Maintenance						
Item	Qty.	Part No.	Description	Note	80h	160h
1	2	121004012-12.9FZ	Allen screw DIN912 M4 x 12 12.9Z			
2	8	121004025-8.8A2	Allen screw DIN912 M4 x 25 8.8A2			
3	4	16400400	Plain washer 4.3 x 9 x 0.9			
4	2	17304080-RF	Cyl. pin, CPR 4m6x8 Stainless			
5	2	22170300	Spacer, locking cam, HF			
6	1	23130042	O-ring, 42 x 3 NBR 70			X
7	1	31260200	Locking cam, 24V connector			
8	1	57580700	Con. housing male, bottom, chassis			
9	1	57580800	Con. housing male, cover, chassis			
* 10	1	64032500	ID-kort Chassi, Not programmed	State the model at the purchase	X*	X*
11	1	64073400	Insert, PG16 4 x 3.5			
12	1	64150400	Connector insert, 5-pin, 24V		X	X

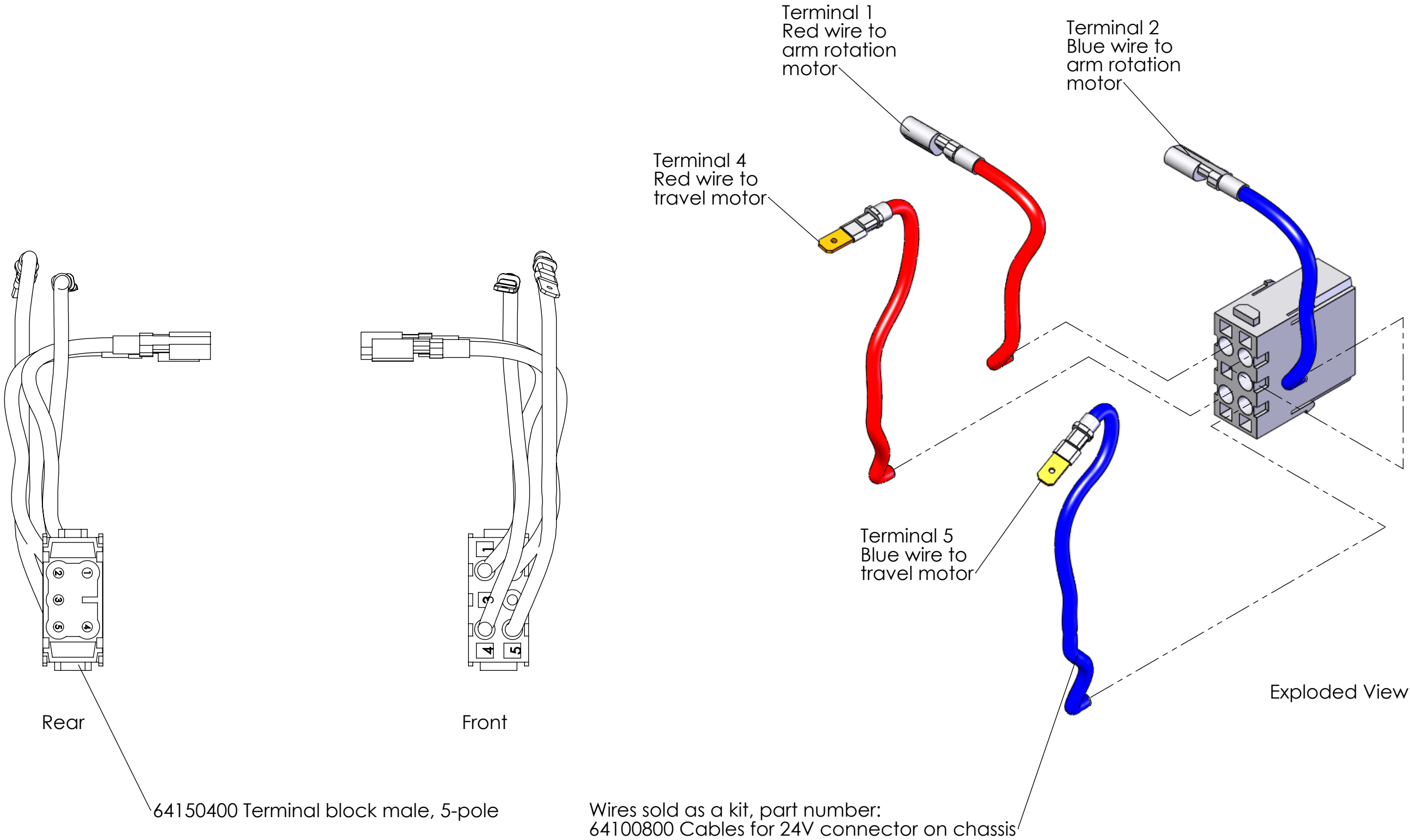
I=Inspect X=Replace

Material		Description			
		Connector, Assembly, on Chassis, 24V			
Geometric Tolerance		Sheet	Mass in Gram	Dim.in mm	Note
		2/2			
		Date	Proj	Part Number	Revision
		Drawn by	Designed by	Scale	
			AJ	1:1.5	

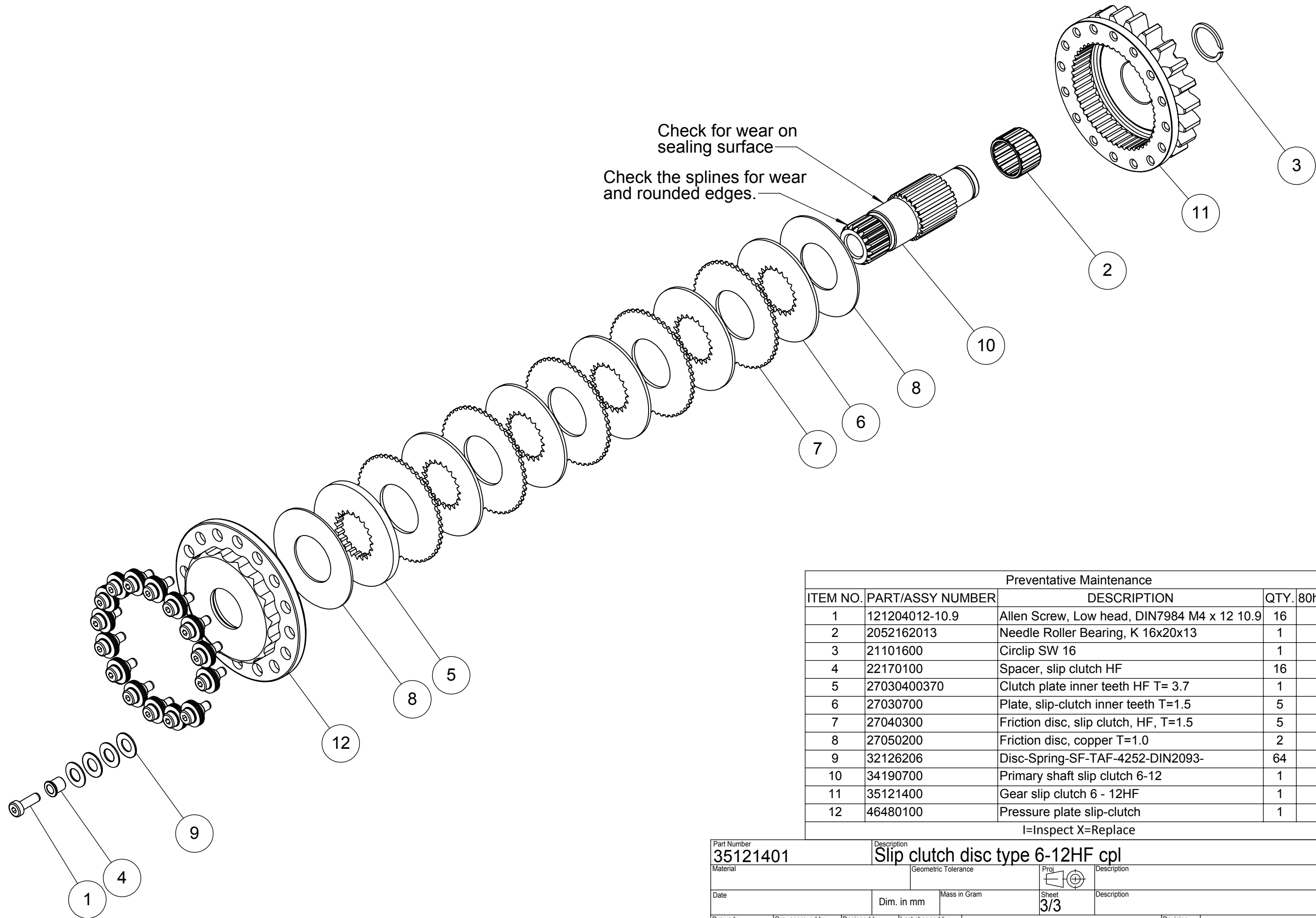
If connection problem occurs, please see:
"Trouble shooting of digital communication" on the Pentrunder support site

TRACTIVE

A6400001 A

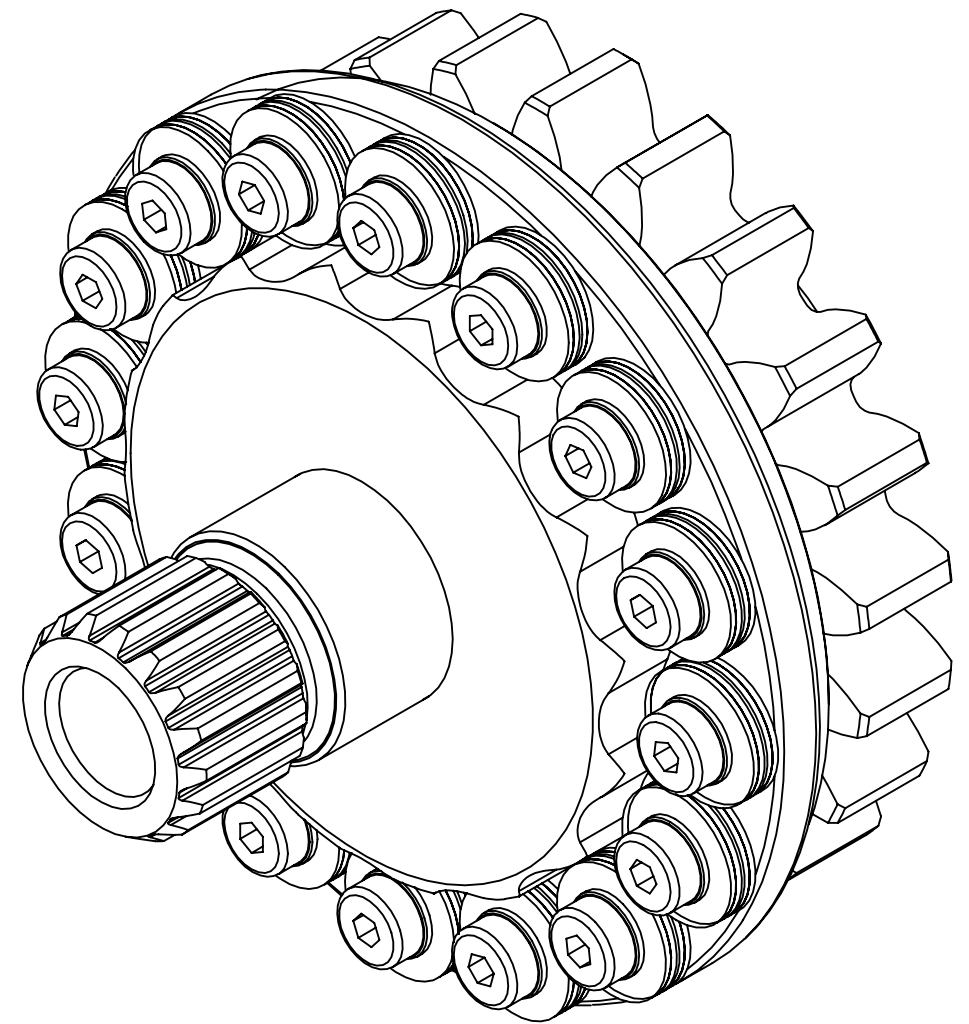
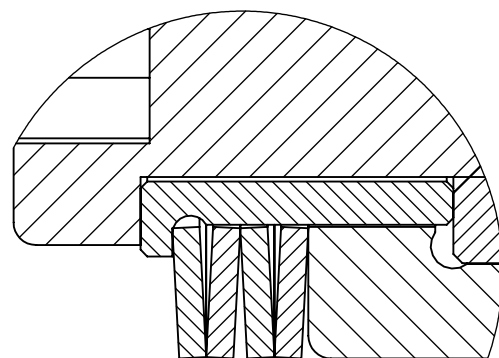
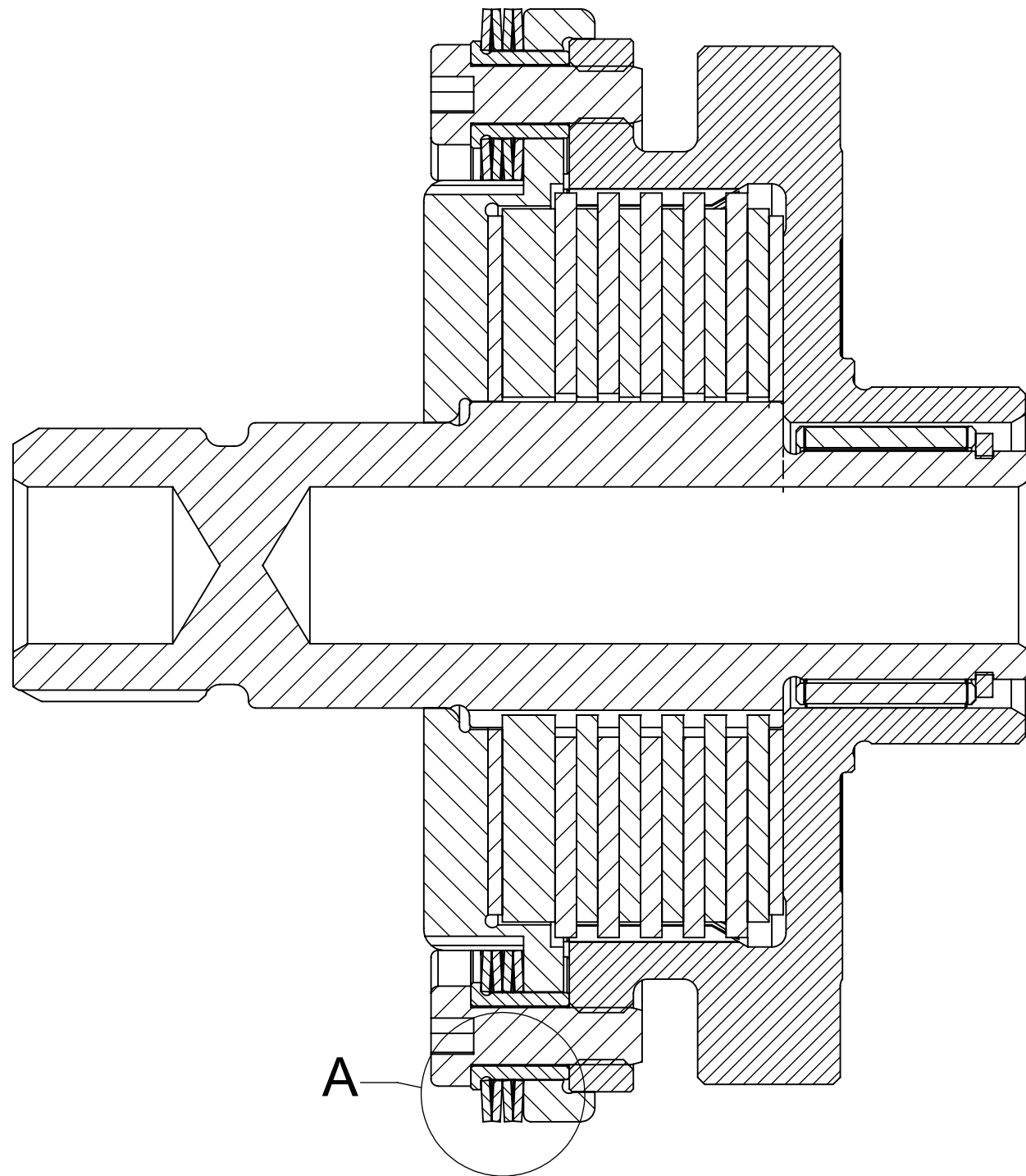


Assy. Number	A6400009		
Assy. Description	Connector, assembly, on chassis		
Date	2011-07-12	TRACTIVE Gjutargatan 54 S-781 70 Borlänge Tel +46 243 22 11 55 Fax +46 243 22 11 80 www.tractive.se / www.pentruder.com	
Revision	-		
Drawn	KRT		
Approved			
Supercedes			
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		Drawing Size	A3
			SHEET 1 OF 1

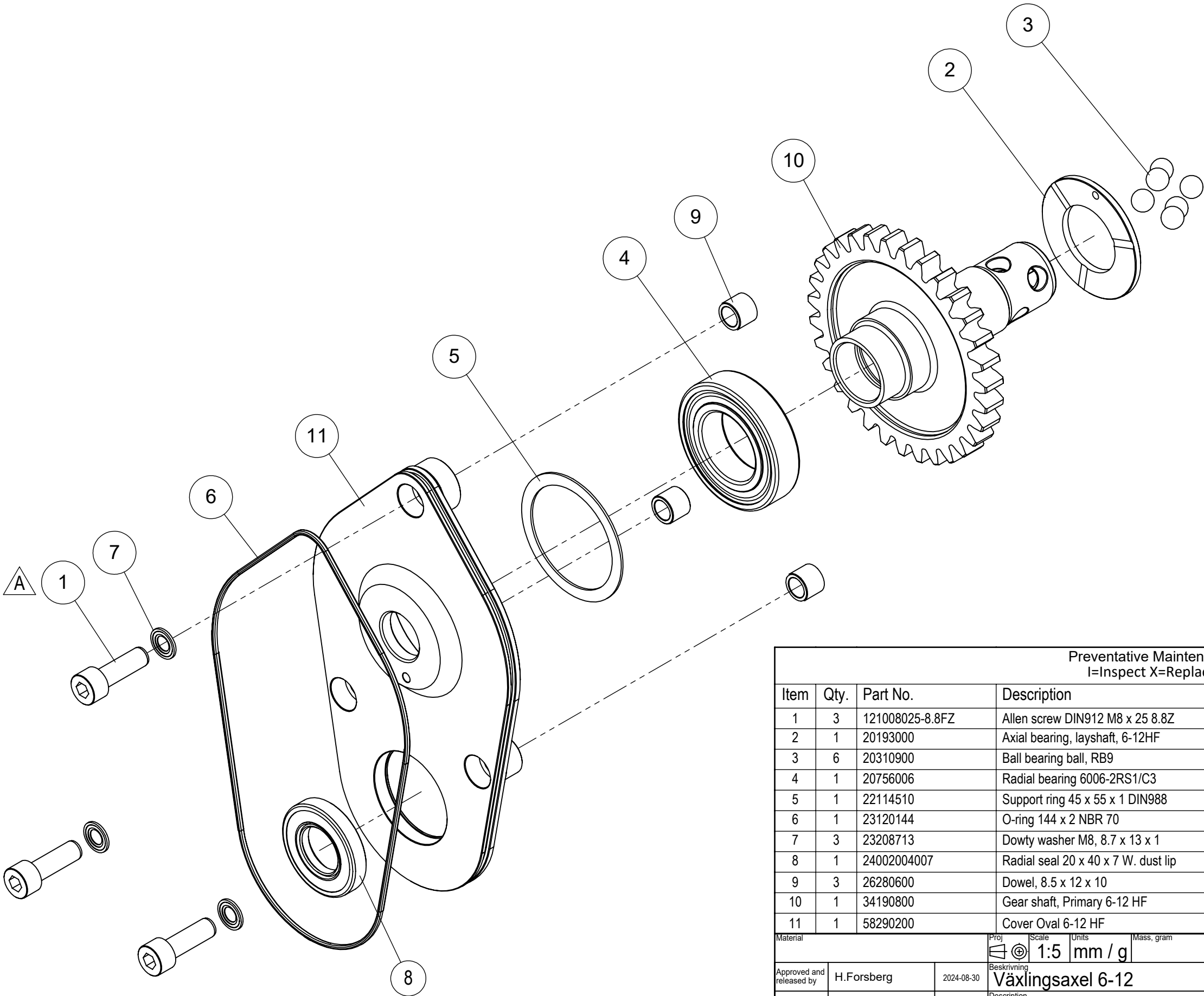


Preventative Maintenance					
ITEM NO.	PART/ASSY NUMBER	DESCRIPTION	QTY.	80h	160h
1	121204012-10.9	Allen Screw, Low head, DIN7984 M4 x 12 10.9	16		
2	2052162013	Needle Roller Bearing, K 16x20x13	1		I
3	21101600	Circlip SW 16	1		
4	22170100	Spacer, slip clutch HF	16		
5	27030400370	Clutch plate inner teeth HF T= 3.7	1		
6	27030700	Plate, slip-clutch inner teeth T=1.5	5		I
7	27040300	Friction disc, slip clutch, HF, T=1.5	5		I
8	27050200	Friction disc, copper T=1.0	2		X
9	32126206	Disc-Spring-SF-TAF-4252-DIN2093-	64		X
10	34190700	Primary shaft slip clutch 6-12	1		I
11	35121400	Gear slip clutch 6 - 12HF	1		
12	46480100	Pressure plate slip-clutch	1		
I=Inspect X=Replace					

Part Number 35121401		Description Slip clutch disc type 6-12HF cpl			
Material		Geometric Tolerance		Proj 	Description
Date		Dim. in mm	Mass in Gram	Sheet 3/3	Description
Drawn by	Org. approved by	Designed by	Last changed by	THIS DRAWING IS THE PROPERTY OF Tractive AB. ITS SUBMISSION DOES NOT INCLUDE OR CARRY THE RIGHT TO MAKE, USE OR SELL WHAT IS ILLUSTRATED WITHOUT THE WRITTEN CONSENT OF Tractive AB.	
				Revision --01	TRACTIVE Gjutargatan 54 S-781 70 Borlänge Tel +46 243 22 11 55 Fax +46 243 22 11 80 www.tractive.se / www.pentrunder.com

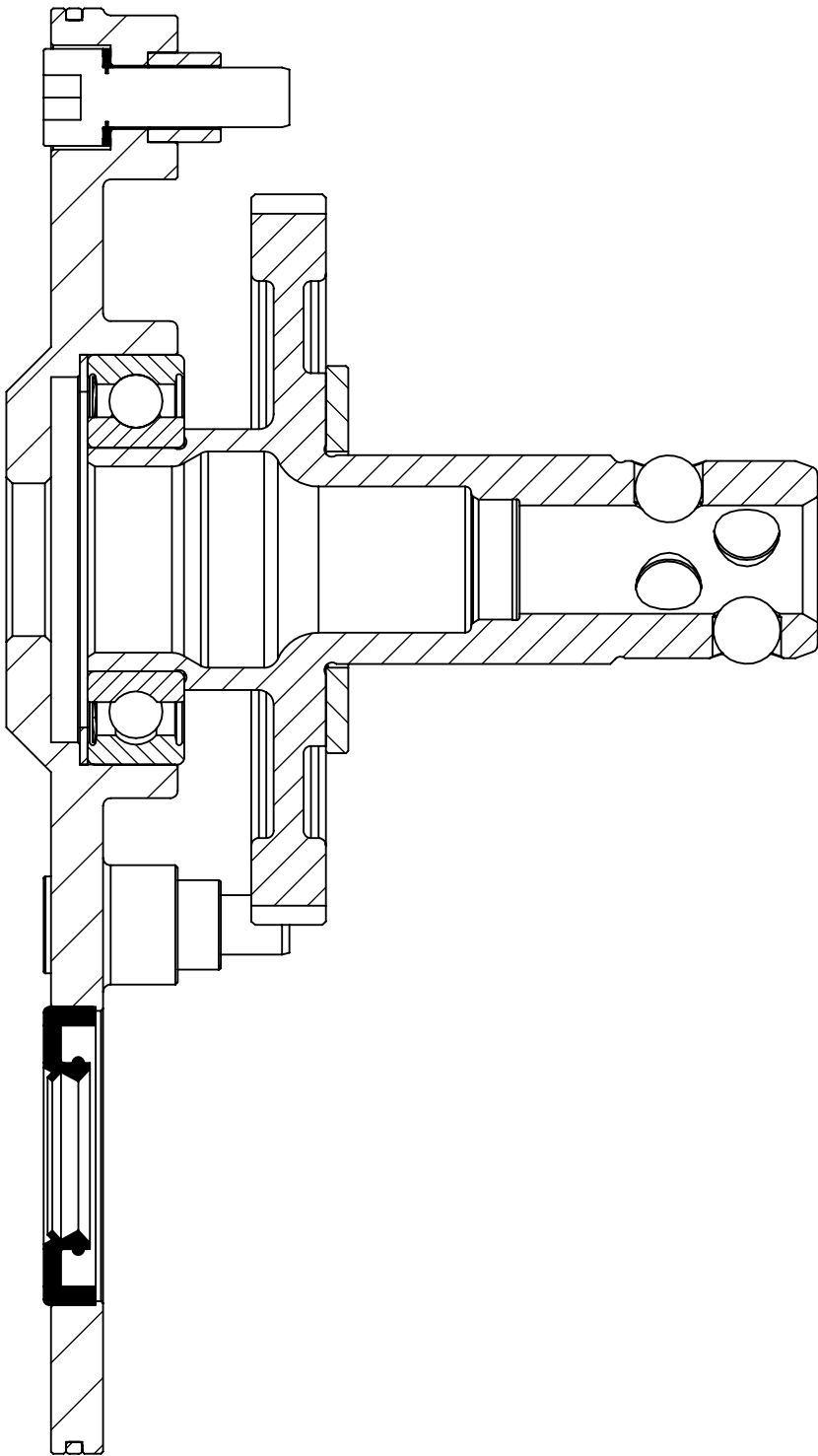


Part Number 35121401		Description Slip clutch disc type 6-12HF cpl		
Material		Geometric Tolerance		Proj 
Date		Dim. in mm	Mass in Gram	Sheet 2/3
Drawn by	Org. approved by	Designed by	Last changed by	Description
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				TRACTIVE Gjutargatan 54 S-781 70 Borlänge Tel +46 243 22 11 55 Fax +46 243 22 11 80 www.tractive.se / www.pentrunder.com



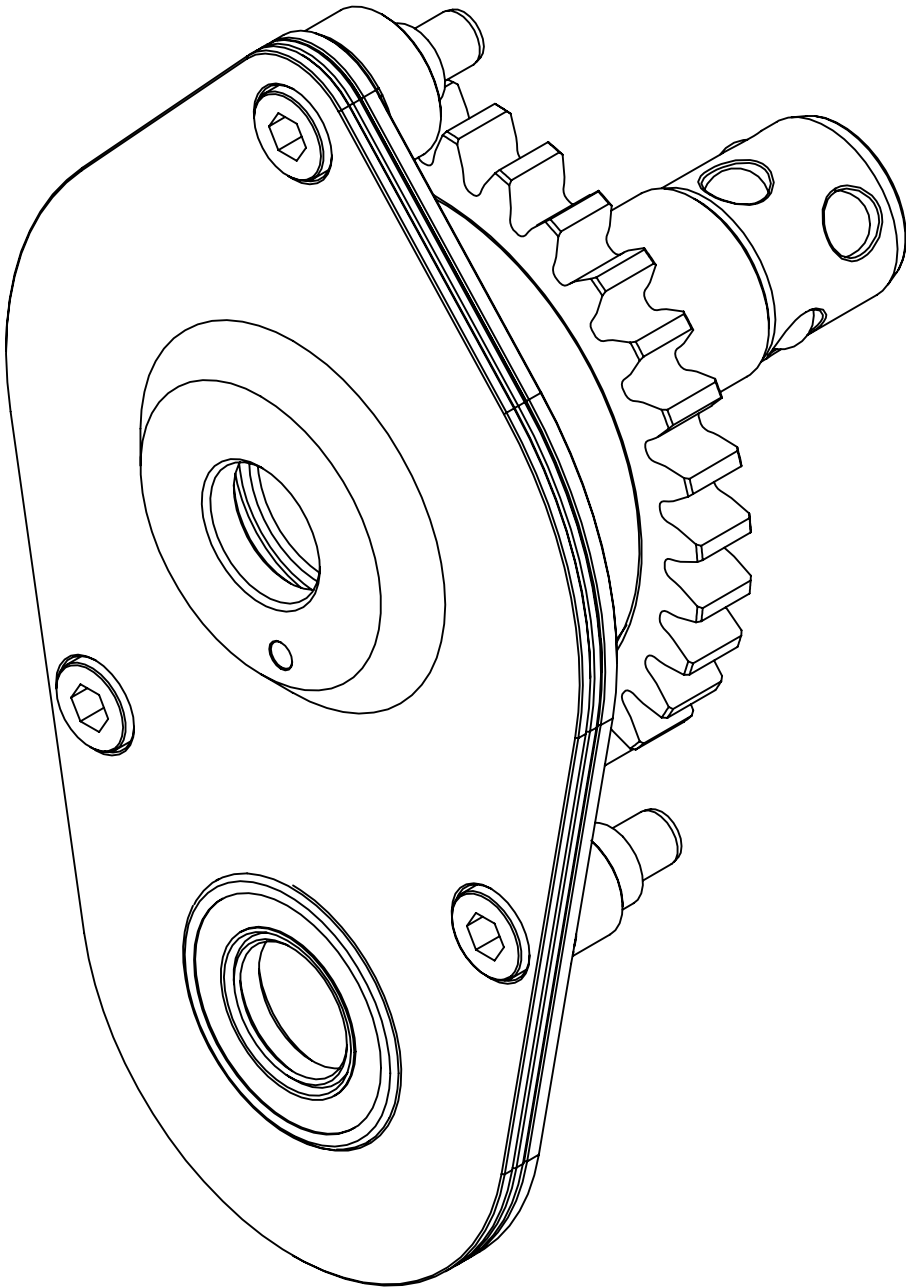
Rev.	Note	Date	Rev. By	Appr. By
A	Pos 1 M8x25 screws changed from 12.9 to 8.8 quality.	2024-08-30	JG	HF

Preventative Maintenance						
I=Inspect X=Replace						
Item	Qty.	Part No.	Description	Note	80h	160h
1	3	121008025-8.8FZ	Allen screw DIN912 M8 x 25 8.8Z			
2	1	20193000	Axial bearing, layshaft, 6-12HF			I
3	6	20310900	Ball bearing ball, RB9			
4	1	20756006	Radial bearing 6006-2RS1/C3			I
5	1	22114510	Support ring 45 x 55 x 1 DIN988			
6	1	23120144	O-ring 144 x 2 NBR 70			X
7	3	23208713	Dowty washer M8, 8.7 x 13 x 1			X
8	1	24002004007	Radial seal 20 x 40 x 7 W. dust lip			X
9	3	26280600	Dowel, 8.5 x 12 x 10			
10	1	34190800	Gear shaft, Primary 6-12 HF			I
11	1	58290200	Cover Oval 6-12 HF			
Material			Proj	Scale	Units	Mass, gram
			⊕	1:5	mm / g	Geometric tolerances
Approved and released by			H.Forsberg			
			2024-08-30			
Checked by			J.Gustafsson			
			2019-05-20			
Drawn by			J.Diegner			
			2015-01-28			
Designed by			A.Johnsen			
			2015-01-28			
Description			Växlingsaxel 6-12			
			Gear shaft Assembly, 6-12			
Sheet			Part and drawing number			Category
3/3			A5800024			Revision
Gjutargatan 54 S-781 70 Borlänge - Sweden			B			A



Material			Proj	Scale	Units	Mass, gram	Geometric tolerances		This drawing defines the requirements of the finished (complete) part(s), if not stated otherwise	
				1:5	mm / g					
Approved and released by	H.Forsberg	2024-08-30	Beskrivning Växlingsaxel 6-12							
Checked by	J.Gustafsson	2019-05-20	Description Gear shaft Assembly,6-12							
Drawn by	J.Diegner	2015-01-28			Sheet	Part and drawing number		Category	Revision	
Designed by	A.Johnsen	2015-01-28			2/3		A5800024		B	A
			Gjutargatan 54 S-781 70 Borlänge - Sweden							

Rev.	Note	Date	Rev. By	Appr. By
A	Pos 1 M8x25 screws changed from 12.9 to 8.8 quality.	2024-08-30	JG	HF



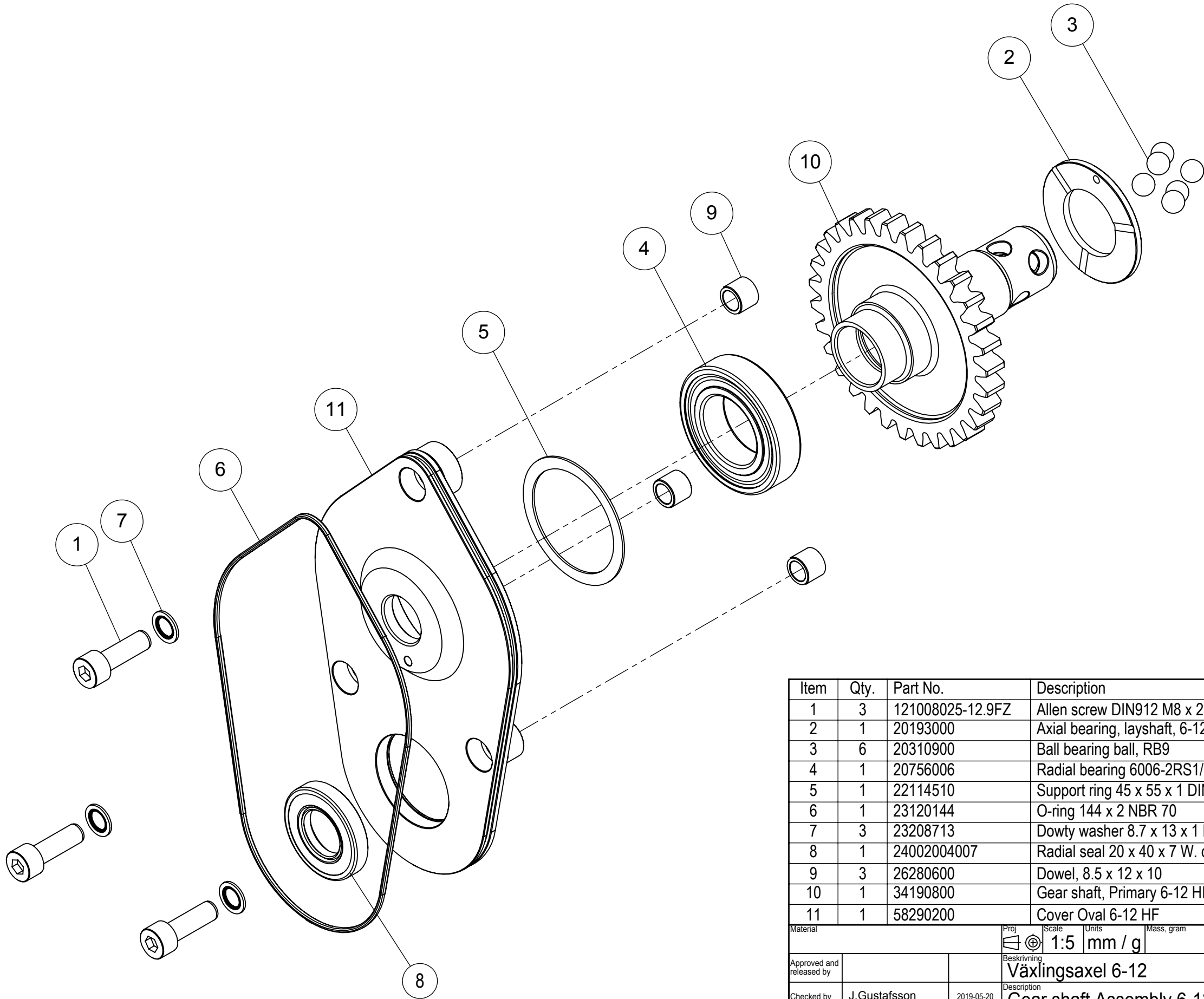
2019-10-02 Model: A5800024 Rev:

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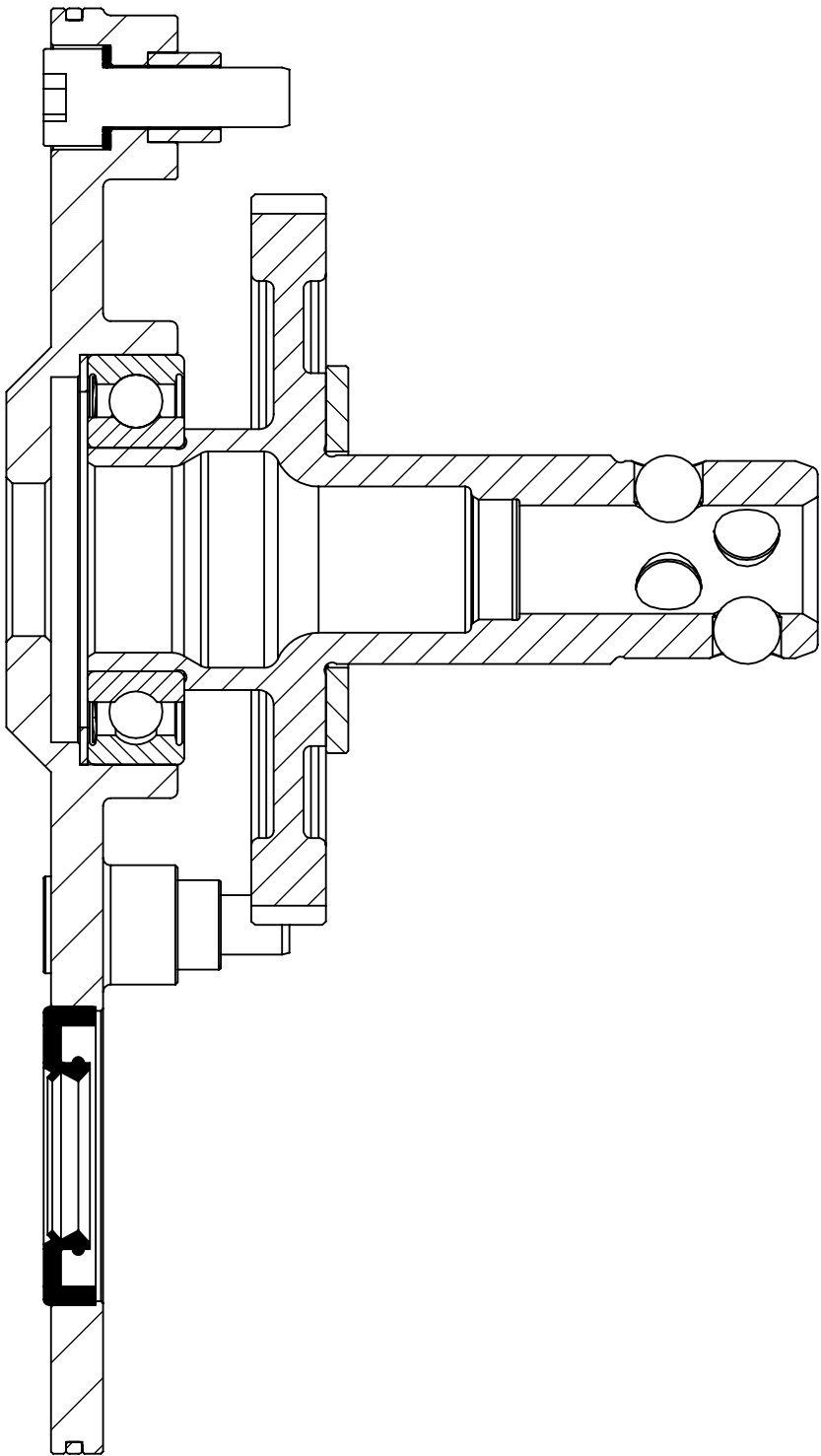
Rev.	Note	Date	Rev. By	Appr. By
	Updated after migration		JG	



Item	Qty.	Part No.	Description	Note
1	3	121008025-12.9FZ	Allen screw DIN912 M8 x 25 12.9Z	
2	1	20193000	Axial bearing, layshaft, 6-12HF	
3	6	20310900	Ball bearing ball, RB9	
4	1	20756006	Radial bearing 6006-2RS1/C3	
5	1	22114510	Support ring 45 x 55 x 1 DIN988	
6	1	23120144	O-ring 144 x 2 NBR 70	
7	3	23208713	Dowty washer 8.7 x 13 x 1 M8	
8	1	24002004007	Radial seal 20 x 40 x 7 W. dust lip	
9	3	26280600	Dowel, 8.5 x 12 x 10	
10	1	34190800	Gear shaft, Primary 6-12 HF	
11	1	58290200	Cover Oval 6-12 HF	

Material	Proj	Scale	Units	Mass, gram	Geometric tolerances	This drawing defines the requirements of the finished (complete) part(s), if not stated otherwise
	⊕	1:5	mm / g			
Approved and released by			Beskrivning Växlingsaxel 6-12			
Checked by	J.Gustafsson	2019-05-20	Description Gear shaft Assembly, 6-12			
Drawn by	J.Diegner	2015-01-28	Sheet TRACTIVE 1/3			
Designed by	A.Johnsen	2015-01-28	Part and drawing number A5800024			
Gjutargatan 54 S-781 70 Borlänge - Sweden			Category	Revision		
			B			

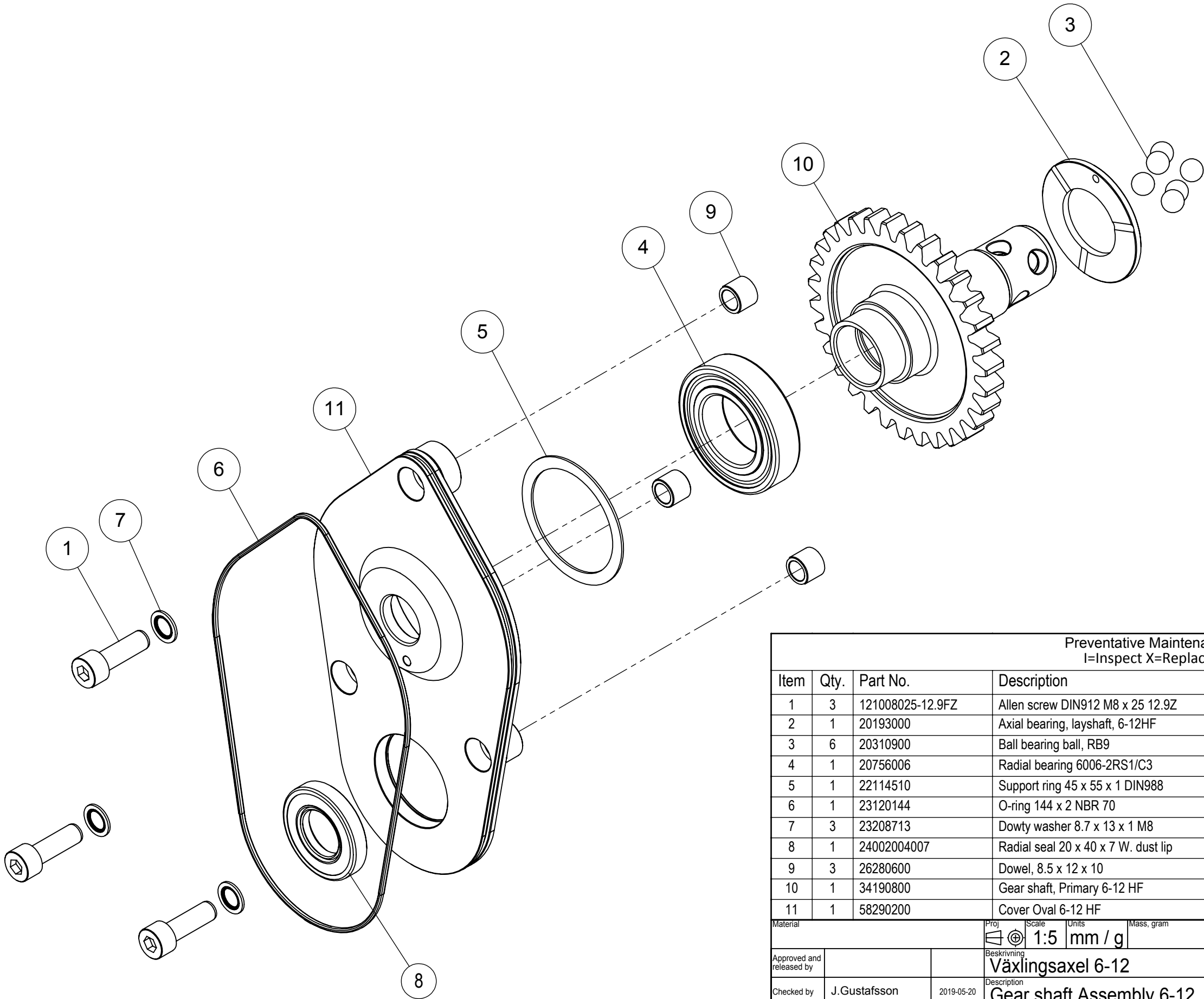
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	Updated after migration		JG	

Material			Proj	Scale	Units	Mass, gram	Geometric tolerances		This drawing defines the requirements of the finished (complete) part(s), if not stated otherwise			
				1:5	mm / g							
Approved and released by			Beskrivning Växlingsaxel 6-12									
Checked by	J.Gustafsson	2019-05-20	Description Gear shaft Assembly,6-12									
Drawn by	J.Diegner	2015-01-28	<i>TRACTIVE</i>			Sheet	Part and drawing number		Category	Revision		
Designed by	A.Johnsen	2015-01-28				2/3					A5800024	B
			Gjutargatan 54 S-781 70 Borlänge - Sweden									

Rev.	Note	Date	Rev. By	Appr. By
	Updated after migration		JG	



Preventative Maintenance I=Inspect X=Replace						
Item	Qty.	Part No.	Description	Note	80h	160h
1	3	121008025-12.9FZ	Allen screw DIN912 M8 x 25 12.9Z			
2	1	20193000	Axial bearing, layshaft, 6-12HF			I
3	6	20310900	Ball bearing ball, RB9			
4	1	20756006	Radial bearing 6006-2RS1/C3			I
5	1	22114510	Support ring 45 x 55 x 1 DIN988			
6	1	23120144	O-ring 144 x 2 NBR 70			X
7	3	23208713	Dowty washer 8.7 x 13 x 1 M8			X
8	1	24002004007	Radial seal 20 x 40 x 7 W. dust lip			X
9	3	26280600	Dowel, 8.5 x 12 x 10			
10	1	34190800	Gear shaft, Primary 6-12 HF			I
11	1	58290200	Cover Oval 6-12 HF			
Material			Proj	Scale	Units	Mass, gram
			⊕	1:5	mm / g	Geometric tolerances
Approved and released by			Beskrivning Växlingsaxel 6-12			
Checked by			Description Gear shaft Assembly, 6-12			
Drawn by			Sheet Part and drawing number			
Designed by			3/3 A5800024			
			Category Revision			
			B			

Inspect for wear. Replace if damaged.
Make sure the Roll pin
is in good condition

Inspect for damage and
rounded edges

Inspect for wear. Replace if damaged

Inspect for wear. Shall have a smooth surface
without marks after balls

Preventative Maintenance					
ITEM NO.	PART/ASSY NUMBER	DESCRIPTION	QTY.	80h	160h
1	121004012-12.9FZ	Allen screw DIN912 M4 x 12 12.9Z	1		
2	121635010	C/S Torx screw M3.5 x 12	4		
3	122904008	Grub screw MS6SS M4 x 8	1		
4	14120100	Screw gear change 6-12	1		
5	17304100	Cyl. pin, CPK 4m6x10 Hardened	1		
6	20700624	Radial bearing 624-2Z	1		X
7	21300130	Circlip SB 13 DIN7993A	1		X
8	23091220	Scraper 12 x 20 x 4 6N	1		I
9	23115008	O-ring 8 x 1.5 NBR 70	1		X
10	23115012	O-ring 12 x 1.5 NBR 70	1		X
11	23115016	O-ring 16 x 1.5 NBR 70	1		X
12	23120012	O-ring 12 x 2 NBR 70	1		X
13	23120025	O-ring 25 x 2 NBR 70	1		X
14	23200034	Dowty washer 3/4"	1		I
15	25120100	Plug, 6-12HF, gear change	1		
16	26300200	Spacer sleeve 6 - 10 / 6 - 12	1		
17	32101233	Compression spring 1.0 x 12.5 x 33	1		
18	32160831	Spring 1.6 x 8 x 31.5 ID=6.4	1		
19	33010100	O-ring bushing	1		
20	57230500	Gear change housing 6-12 new model	1		
21	57230600	Index housing 6-12 new model	1		I
22	59330200	Gear shift cam, 6-12	1		I
23	59350100	Gear shift rack 6 - 16 / 8 - 20	1		I
24	59440100	Index pinion 6 - 16 / 8 - 20	1		I
25	59550400	Index knob 6-12	1		
I=Inspect X=Replace					

Part Number A5700008		Description Gear change Assembly, 6-12			
Material		Geometric Tolerance		Description	
Date		Dim. in mm		Mass in Gram	
Drawn by		Org. approved by		Designed by	
Last changed by		THIS DRAWING IS THE PROPERTY OF Tractive AB. ITS SUBMISSION DOES NOT INCLUDE OR CARRY THE RIGHT TO MAKE, USE OR SELL WHAT IS ILLUSTRATED WITHOUT THE WRITTEN CONSENT OF Tractive AB.		Revision --00	
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2020-09-02 Model: 6-10HF Assy Rev:

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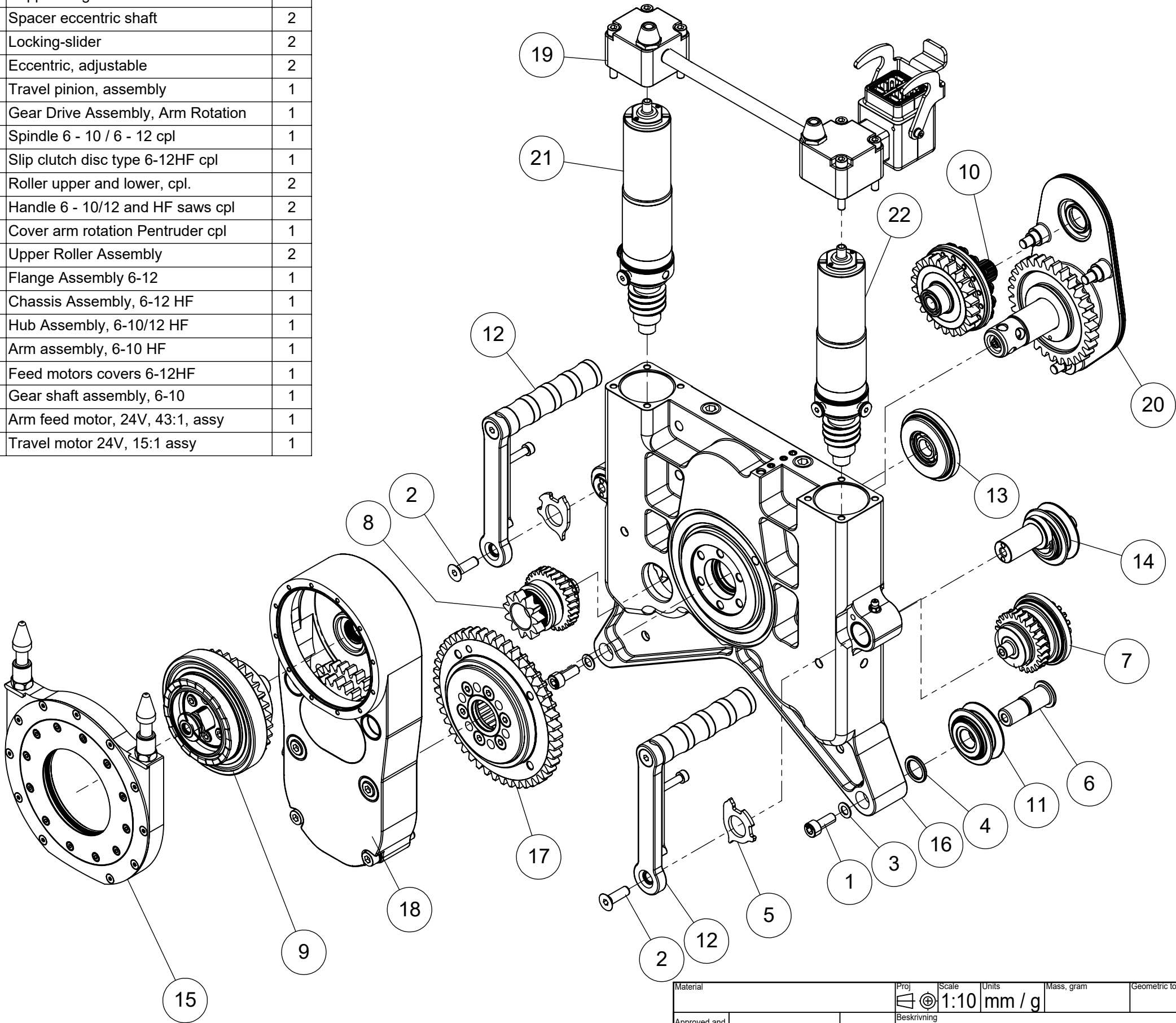
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ITEM NO.	PART/ASSY NUMBER	DESCRIPTION	QTY.
1	121008020-109A4	Allen screw DIN912 M8x20 10.9 A4	2
2	123008025-10.9FZ	C/S Allen screw DIN7991 M8x25 10.9Z	2
3	22110810	Support ring 8 x 14 x 1 DIN988	2
4	22140100	Spacer eccentric shaft	2
5	28010200	Locking-slider	2
6	34080100	Eccentric, adjustable	2
7	34160201	Travel pinion, assembly	1
8	34160601	Gear Drive Assembly, Arm Rotation	1
9	34280201	Spindle 6 - 10 / 6 - 12 cpl	1
10	35121401	Slip clutch disc type 6-12HF cpl	1
11	45010101	Roller upper and lower, cpl.	2
12	53010501	Handle 6 - 10/12 and HF saws cpl	2
13	58250101	Cover arm rotation Pentruder cpl	1
14	A3400003	Upper Roller Assembly	2
15	A4200004	Flange Assembly 6-12	1
16	A5600029	Chassis Assembly, 6-12 HF	1
17	A5600030	Hub Assembly, 6-10/12 HF	1
18	A5600039	Arm assembly, 6-10 HF	1
19	A5800023	Feed motors covers 6-12HF	1
20	A5800032	Gear shaft assembly, 6-10	1
21	A6300001	Arm feed motor, 24V, 43:1, assy	1
22	A6300006	Travel motor 24V, 15:1 assy	1

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Document updated: 2024-09-02

Rev.	Note	Date	Rev. By	Appr. By
	Updated after migration			

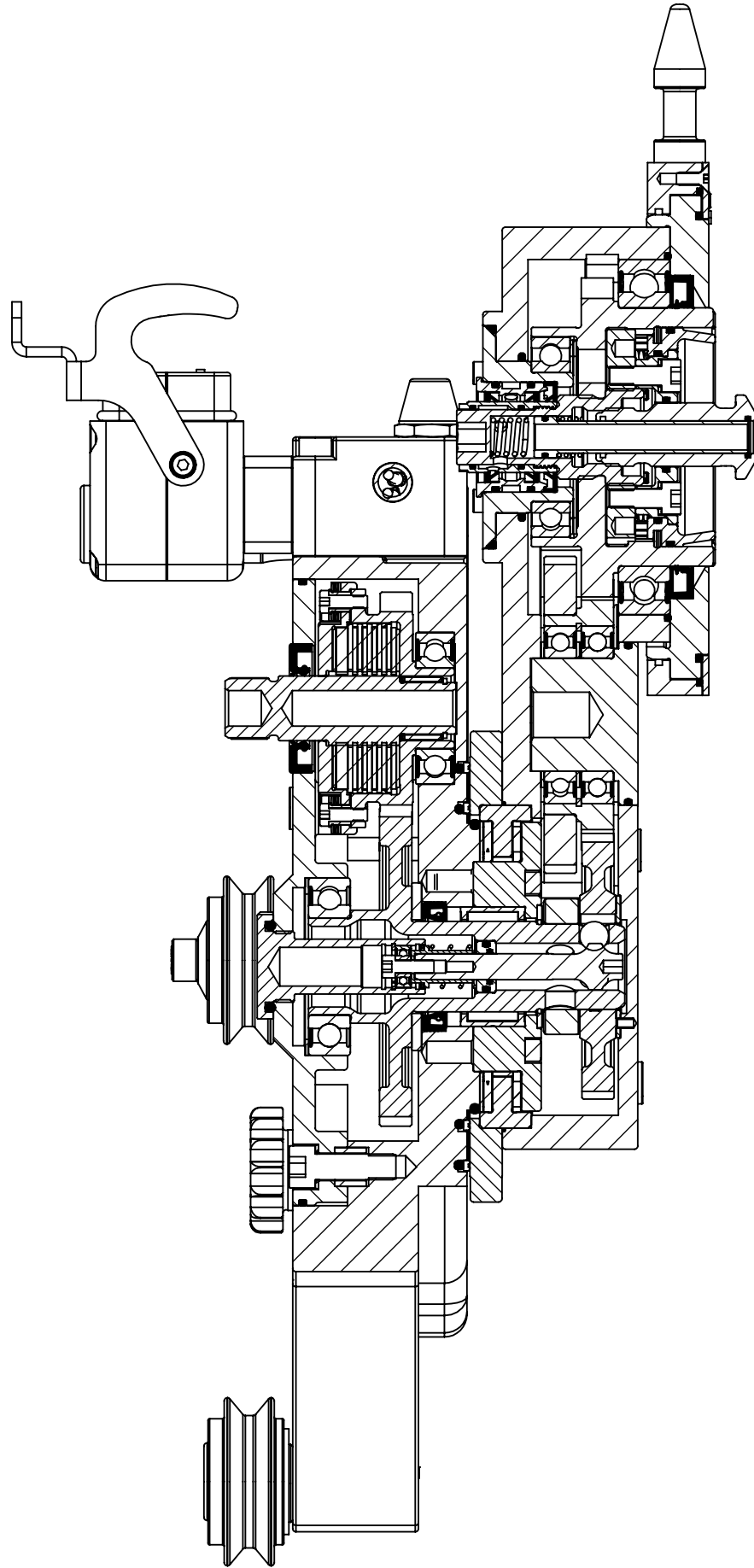


Material			Proj	Scale	Units	Mass, gram	Geometric tolerances		This drawing defines the requirements of the finished (complete) part(s), if not stated otherwise	
				1:10	mm / g					
Approved and released by			Beskrivning							
Checked by			Description 6-10 HF Assembly							
Drawn by			<i>TRACTIVE</i>			Sheet	Part and drawing number		Category	Revision
Designed by	A.Johnsen		Gjutargatan 54 S-781 70 Borlänge - Sweden			1/2	6-10HF Assy			

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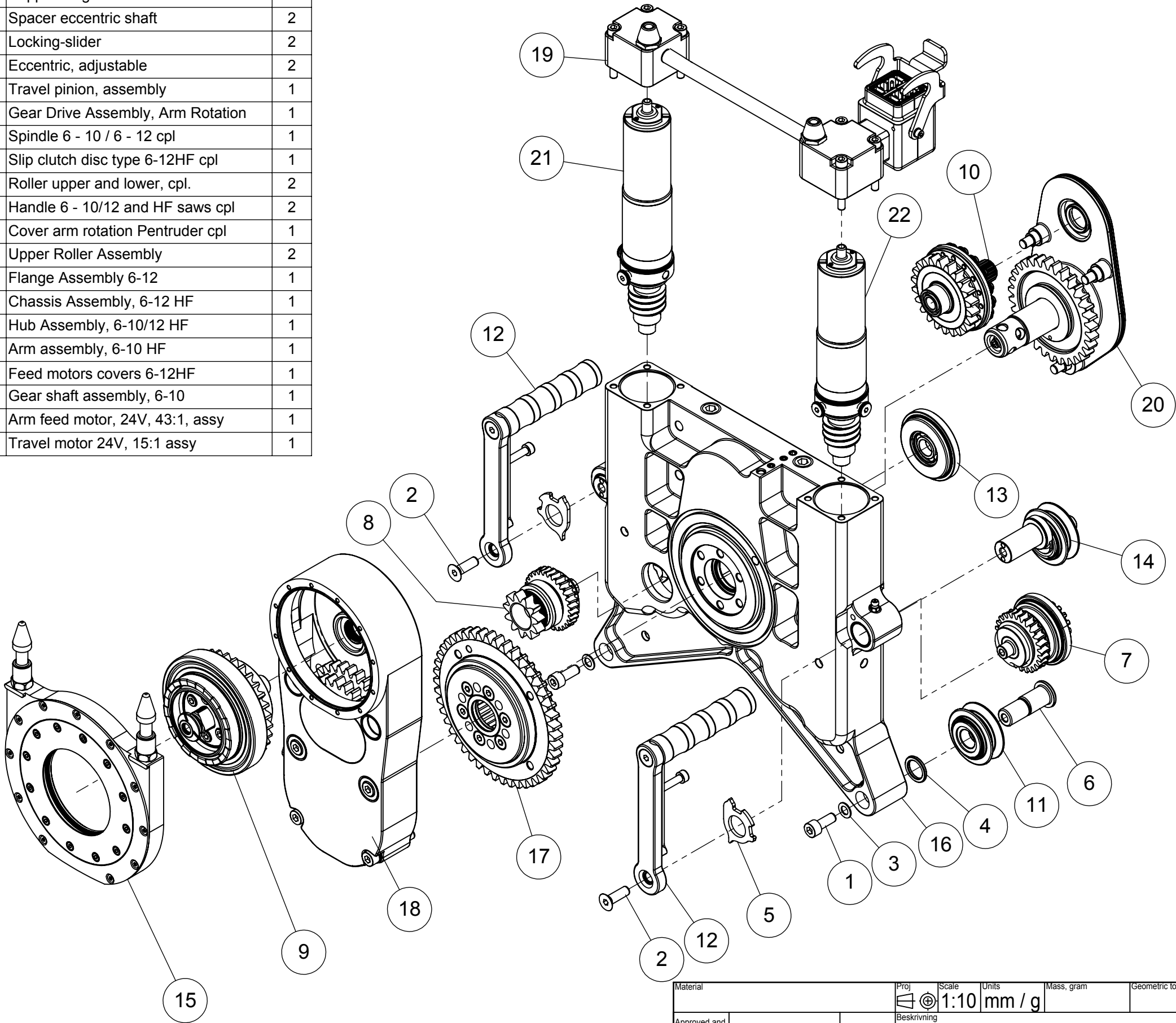


Material				Proj	Scale	Units	Mass, gram	Geometric tolerances	This drawing defines the requirements of the finished (complete) part(s), if not stated otherwise	
Approved and released by			Beskrivning							
Checked by			Description 6-10 HF Assembly							
Drawn by			<i>TRACTIVE</i>		Sheet	Part and drawing number			Category	Revision
Designed by	A.Johnsen		Gjutargatan 54 S-781 70 Borlänge - Sweden		2/2	6-10HF Assy				

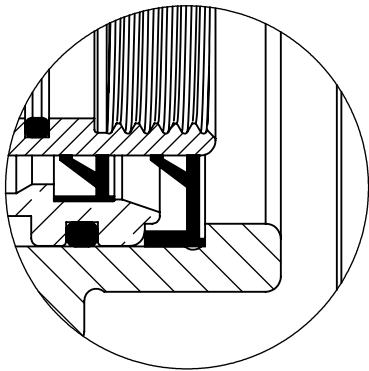
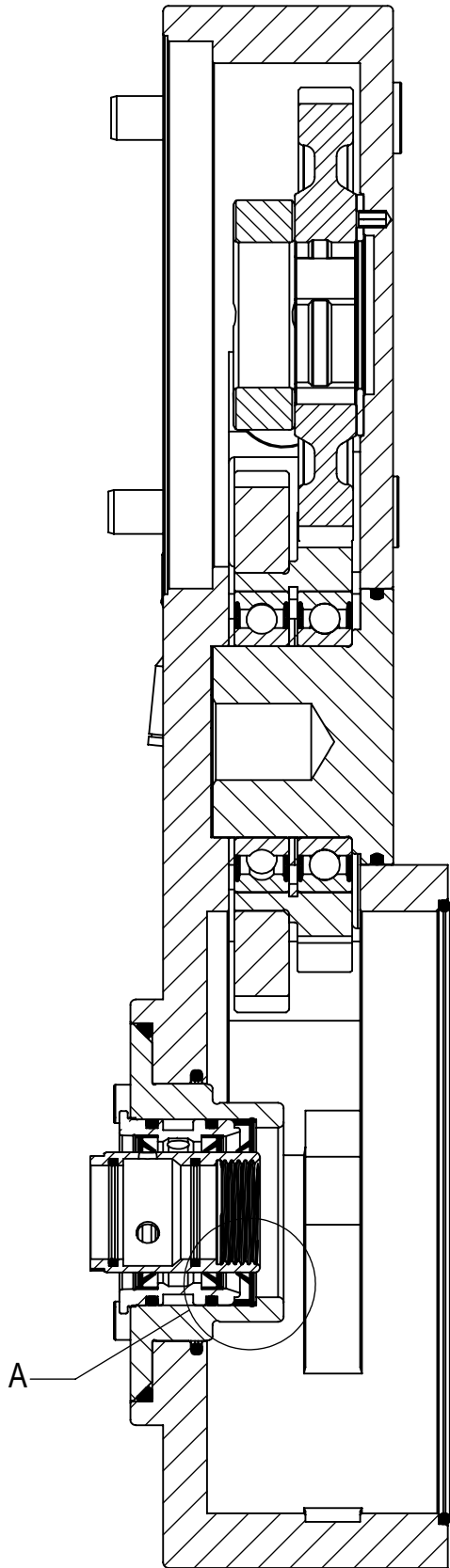
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ITEM NO.	PART/ASSY NUMBER	DESCRIPTION	QTY.
1	121008020-12.9FZ	Allen screw DIN912 M8 x 20 12.9Z	2
2	123008025-10.9FZ	C/S Allen screw DIN7991 M8x25 10.9Z	2
3	22110810	Support ring 8 x 14 x 1 DIN988	2
4	22140100	Spacer eccentric shaft	2
5	28010200	Locking-slider	2
6	34080100	Eccentric, adjustable	2
7	34160201	Travel pinion, assembly	1
8	34160601	Gear Drive Assembly, Arm Rotation	1
9	34280201	Spindle 6 - 10 / 6 - 12 cpl	1
10	35121401	Slip clutch disc type 6-12HF cpl	1
11	45010101	Roller upper and lower, cpl.	2
12	53010501	Handle 6 - 10/12 and HF saws cpl	2
13	58250101	Cover arm rotation Pentruder cpl	1
14	A3400003	Upper Roller Assembly	2
15	A4200004	Flange Assembly 6-12	1
16	A5600029	Chassis Assembly, 6-12 HF	1
17	A5600030	Hub Assembly, 6-10/12 HF	1
18	A5600039	Arm assembly, 6-10 HF	1
19	A5800023	Feed motors covers 6-12HF	1
20	A5800032	Gear shaft assembly, 6-10	1
21	A6300001	Arm feed motor, 24V, 43:1, assy	1
22	A6300006	Travel motor 24V, 15:1 assy	1

Rev.	Note	Date	Rev. By	Appr. By
	Updated after migration			

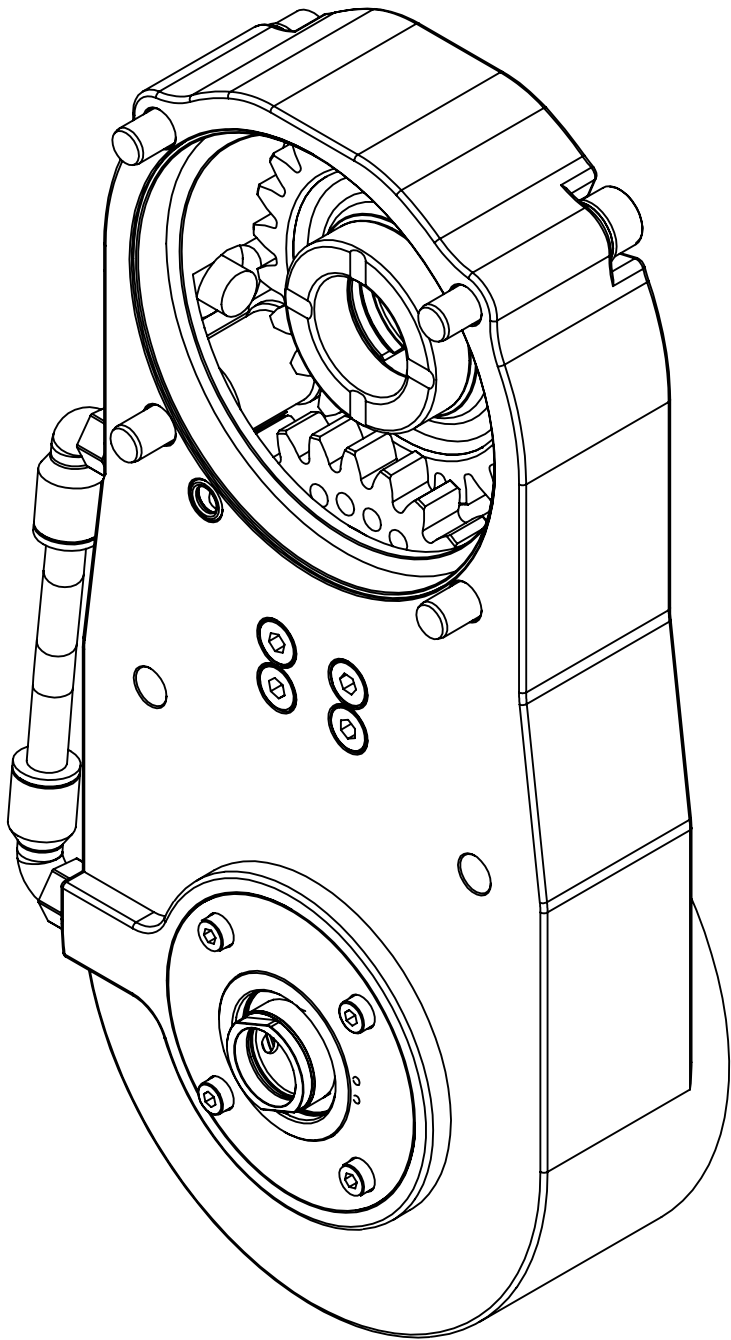


Material			Proj 	Scale 1:10	Units mm / g	Mass, gram	Geometric tolerances		This drawing defines the requirements of the finished (complete) part(s), if not stated otherwise		
Approved and released by			Beskrivning								
Checked by			Description 6-10 HF Assembly								
Drawn by			<i>TRACTIVE</i>			Sheet 1/2	Part and drawing number 6-10HF Assy			Category	Revision
Designed by	JGustafsson		Gjutargatan 54 S-781 70 Borlänge - Sweden								



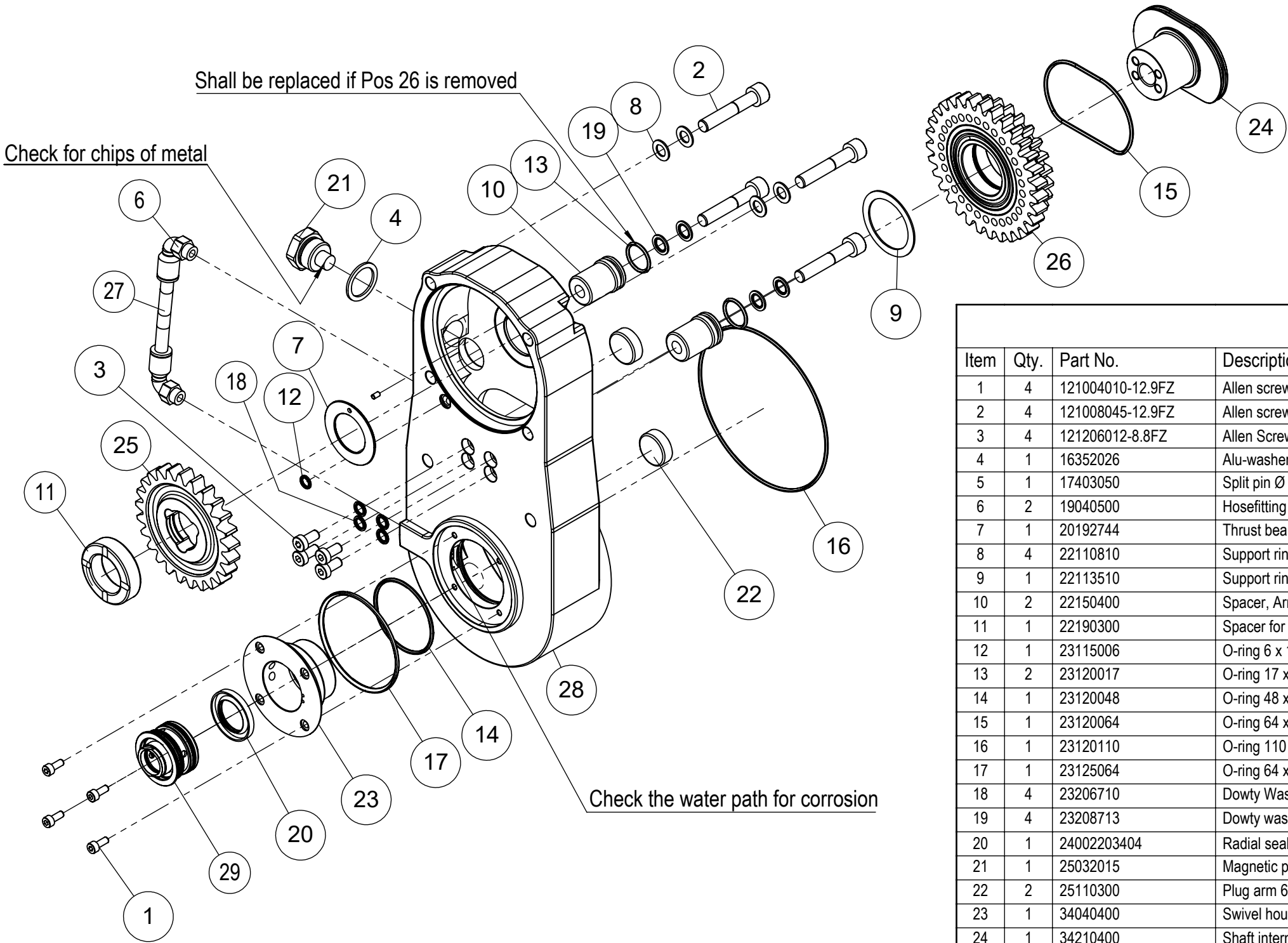
A

Rev.	Note	Date	Rev. By	Appr. By
	Updated after migration			



Material		Description Arm assembly, 6-10 HF		
Geometric Tolerance	Sheet 2/3	Mass in Gram	Dim.in mm	Note
TRACTIVE		Date	Proj	Part Number
		Drawn by	Designed by AJ	Scale 1:5
				A5600039
				Revision

Rev.	Note	Date	Rev. By	Appr. By
	Updated after migration			



Preventative Maintenance I=Inspect X=Replace						
Item	Qty.	Part No.	Description	Note	80h	160h
1	4	121004010-12.9FZ	Allen screw DIN912 M4 x 10 12.9Z			
2	4	121008045-12.9FZ	Allen screw DIN912 M8 x 45 12.9Z			
3	4	121206012-8.8FZ	Allen Screw DIN7984 M6 x 12 8.8Z			
4	1	16352026	Alu-washer 20 x 26 x 1.5		X	X
5	1	17403050	Split pin Ø 3 x 5			
6	2	19040500	Hosefitting 90° 1/8 hose 8mm			
7	1	20192744	Thrust bearing, 27 x 44 special			
8	4	22110810	Support ring 8 x 14 x 1 DIN988			
9	1	22113510	Support ring 35 x 45 x 1 DIN988			
10	2	22150400	Spacer, Arm 6 - 10 / 6 - 12			
11	1	22190300	Spacer for gear, 6-10HF			
12	1	23115006	O-ring 6 x 1.5 NBR 70			X
13	2	23120017	O-ring 17 x 2 NBR 70			
14	1	23120048	O-ring 48 x 2 NBR 70			X
15	1	23120064	O-ring 64 x 2 NBR 70			X
16	1	23120110	O-ring 110 x 2 NBR70			X
17	1	23125064	O-ring 64 x 2.5 NBR 70			X
18	4	23206710	Dowty Washer M6			X
19	4	23208713	Dowty washer M8			X
20	1	24002203404	Radial seal 22 x 34 x 4			X
21	1	25032015	Magnetic plug M20 x 1.5		I	I
22	2	25110300	Plug arm 6-10 / 6-12 22mm			
23	1	34040400	Swivel housing			
24	1	34210400	Shaft intermediate gear 6 - 10/12			
25	1	35120200	Primary gear 2:nd, 6-12	Primärkuggghjul 2:an, 6-12		I
26	1	35370601	Intermediate Gear, Double 6-10/12cpl			I
27	1	52090108	Hose Polyurethan 8 x 5.5			
28	1	56010200	Arm 6 - 10/12			I
29	1	57210501	Water Seal Housing wall saw cpl v3		I	I

Material		Description			
		Arm assembly, 6-10 HF			
Geometric Tolerance		Sheet	Mass in Gram	Dim.in mm	Note
		3/3			
		Date	Proj	Part Number	Revision
		Drawn by	Designed by	Scale	
			AJ	1:3	

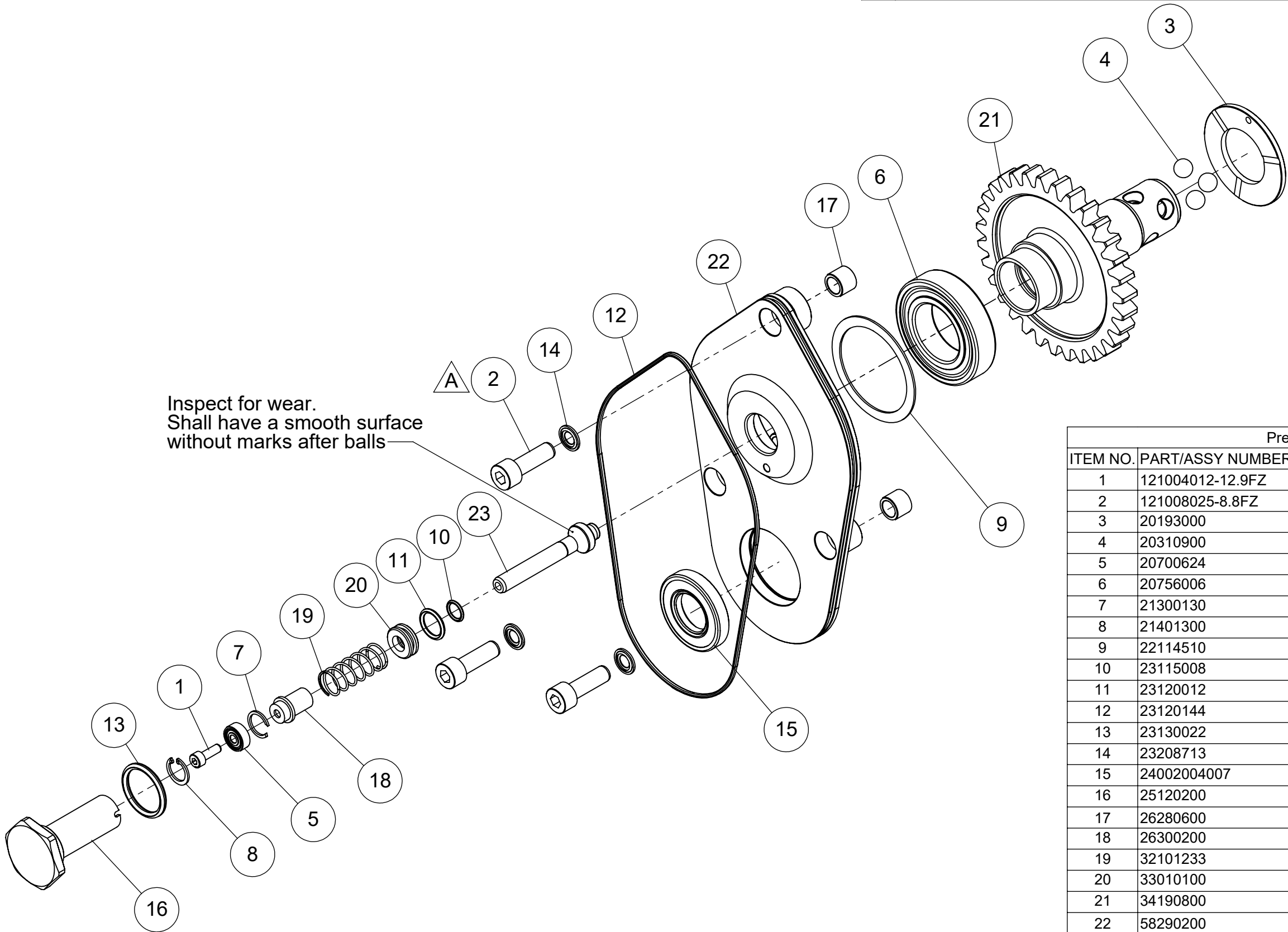
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2024-08-30 Model: A5800032 Rev: A
Approved

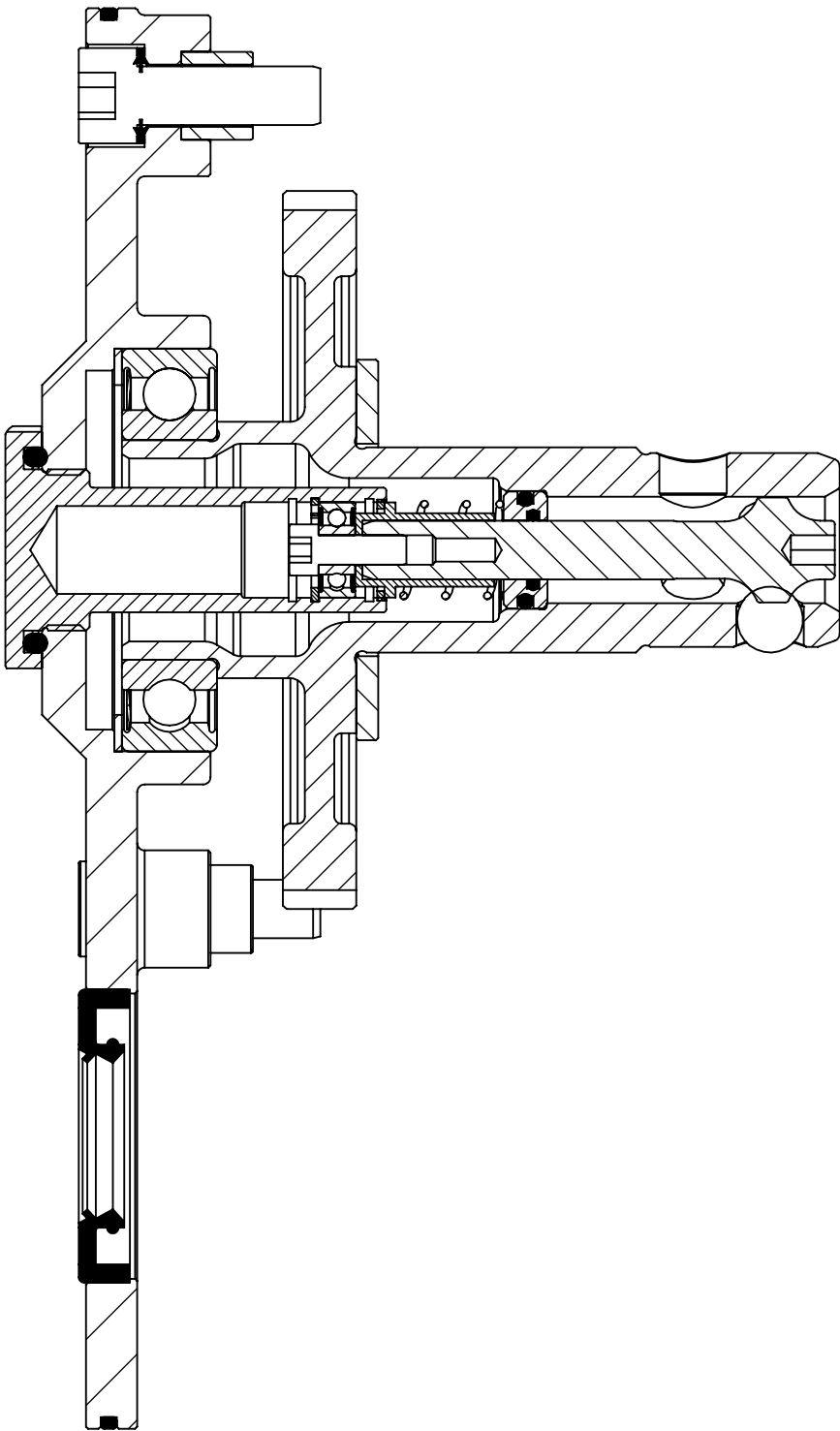


Rev.	Note	Date	Rev. By	Appr. By
A	Pos2 M8x25 screw changed from 12.9 to 8.8 quality.	2024-08-30	HF	HF
	Pos2 M8x25 screw changed from 12.9 to 8.8 quality.	2024-08-30		HF

Preventative Maintenance					
ITEM NO.	PART/ASSY NUMBER	DESCRIPTION	QTY.	80h	160h
1	121004012-12.9FZ	Allen screw DIN912 M4 x 12 12.9Z	1		
2	121008025-8.8FZ	Allen screw DIN912 M8 x 25 8.8Z	3		
3	20193000	Axial bearing, layshaft, 6-12HF	1		I
4	20310900	Ball bearing ball, RB9	3		
5	20700624	Radial bearing 624-2Z	1		I
6	20756006	Radial bearing 6006-2RS1/C3	1		I
7	21300130	Circlip SB 13 DIN7993A	1		
8	21401300	Circlip Sgh 13 DIN 472	1		
9	22114510	Support ring 45 x 55 x 1 DIN988	1		
10	23115008	O-ring 8 x 1.5 NBR 70	1		X
11	23120012	O-ring 12 x 2 NBR 70	1		X
12	23120144	O-ring 144 x 2 NBR 70	1		X
13	23130022	O-ring 22 x 3 NBR 70	1		X
14	23208713	Dowty washer M8, 8.7 x 13 x 1	3		X
15	24002004007	Radial seal 20 x 40 x 7 W. dust lip	1		X
16	25120200	Plug gear knob, 6-10HF	1		
17	26280600	Dowel, 8.5 x 12 x 10	3		
18	26300200	Spacer sleeve 6 - 10 / 6 - 12	1		
19	32101233	Compression spring 1.0 x 12.5 x 33	1		
20	33010100	O-ring bushing	1		
21	34190800	Gear shaft, Primary 6-12 HF	1		I
22	58290200	Cover Oval 6-12 HF	1		
23	59330200	Shift rod 6 - 10/12	1		I

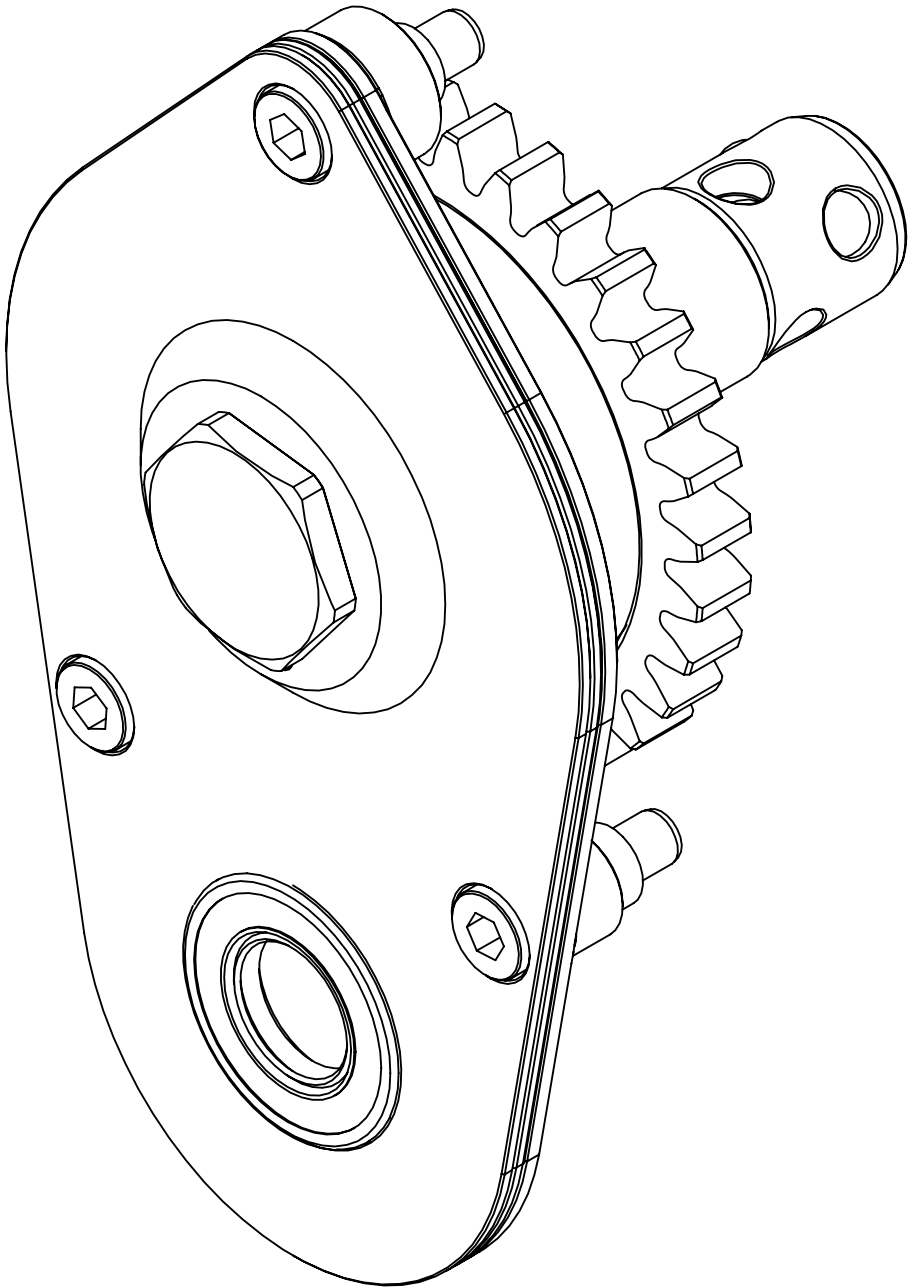
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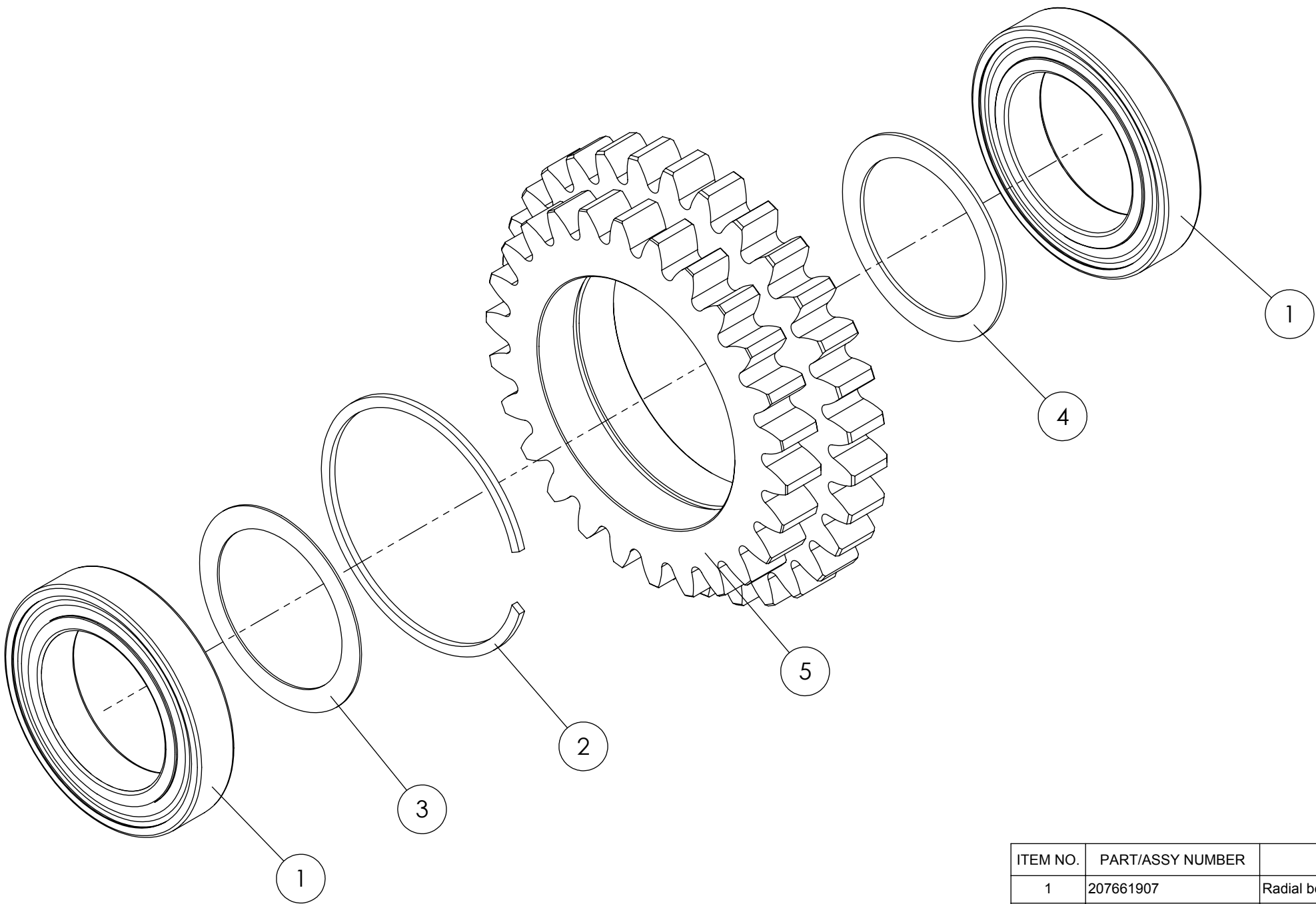
Material			Proj	Scale	Units	Mass, gram	Geometric tolerances		This drawing defines the requirements of the finished (complete) part(s), if not stated otherwise	
				1:5	mm / g					
Approved and released by	H.Forsberg	2024-08-30	Beskrivning							
Checked by	H.Forsberg	2024-08-30	Description							
			Gear shaft assembly, 6-10							
Drawn by			<i>TRACTIVE</i>		Sheet	Drawing number			Category	Revision
Designed by	JGustafsson				3/3	A5800032				A
			Gjutargatan 54 S-781 70 Borlänge - Sweden							



Material			Proj	Scale	Units	Mass, gram	Geometric tolerances		This drawing defines the requirements of the finished (complete) part(s), if not stated otherwise		
				1:5	mm / g						
Approved and released by	H.Forsberg	2024-08-30	Beskrivning								
Checked by	H.Forsberg	2024-08-30	Description								
			Gear shaft assembly, 6-10								
Drawn by			<i>TRACTIVE</i>			Sheet	Drawing number		Category	Revision	
Designed by	JGustafsson					2/3	A5800032			A	
			Gjutargatan 54 S-781 70 Borlänge - Sweden								

Rev.	Note	Date	Rev. By	Appr. By
A	Pos2 M8x25 screw changed from 12.9 to 8.8 quality.	2024-08-30	HF	HF
	Pos2 M8x25 screw changed from 12.9 to 8.8 quality.	2024-08-30		HF

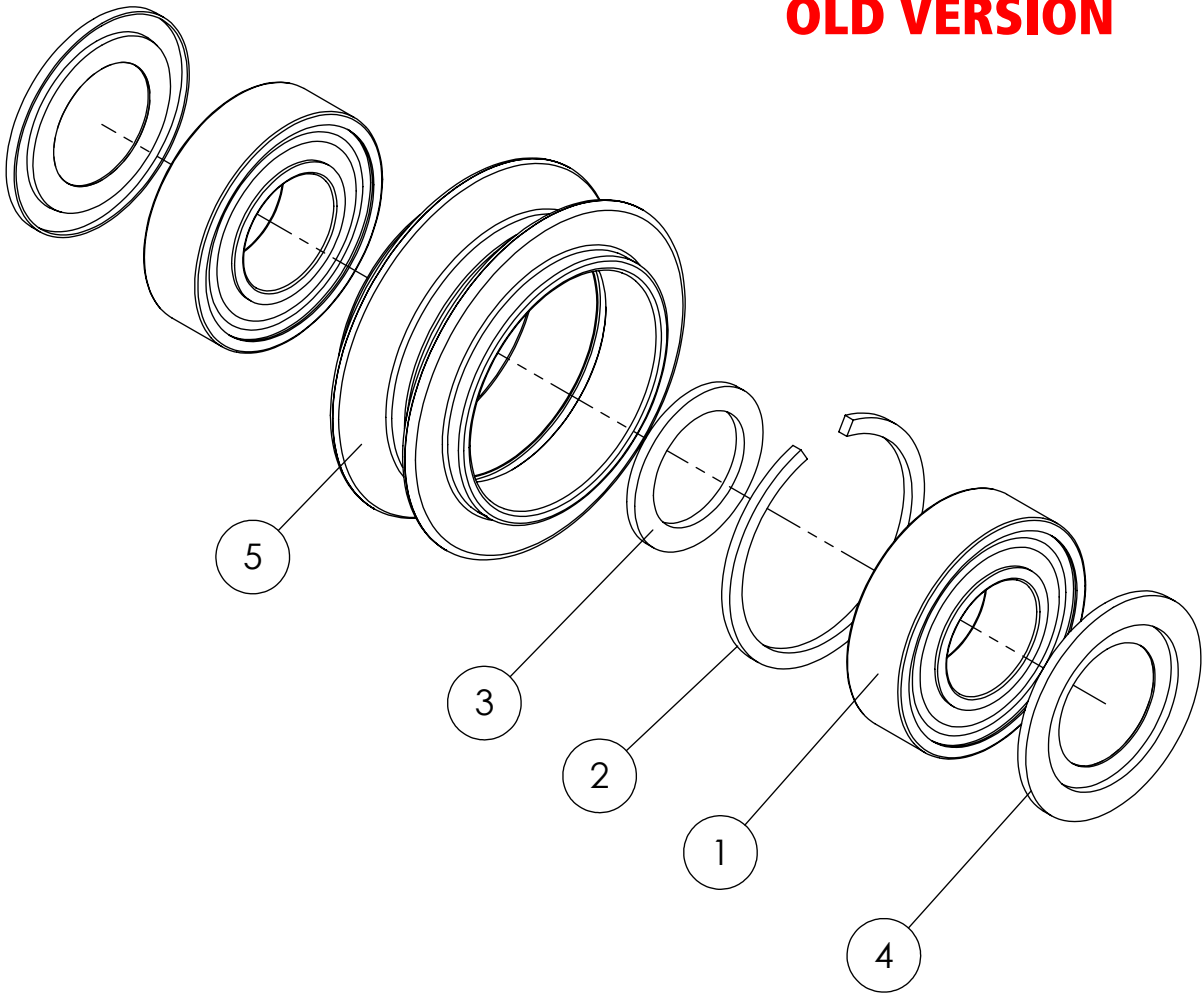




ITEM NO.	PART/ASSY NUMBER	DESCRIPTION	QTY.
1	207661907	Radial bearing 61907-2RZ	2
2	21300550	Circlip, SB55	1
3	22113505	Support ring 35 x 45 x 0.5 DIN988	1
4	22113510	Support ring 35 x 45 x 1 DIN988	1
5	35370600	Intermediate gear	1
Assy. Number		35370601	
Assy. Description		Intermediate Gear, Double 6-10/12cpl	
Date		TRACTIVE Gjutargatan 54 S-781 70 Borlänge Tel +46 243 22 11 55 Fax +46 243 22 11 80 www.tractive.se / www.pentruder.com	
Revision	--00		
Drawn			
Approved			
Supercedes			
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		Drawing Size	A3
			SHEET 1 OF 2

OLDER VERSIONS ON THE FOLLOWING PAGES!

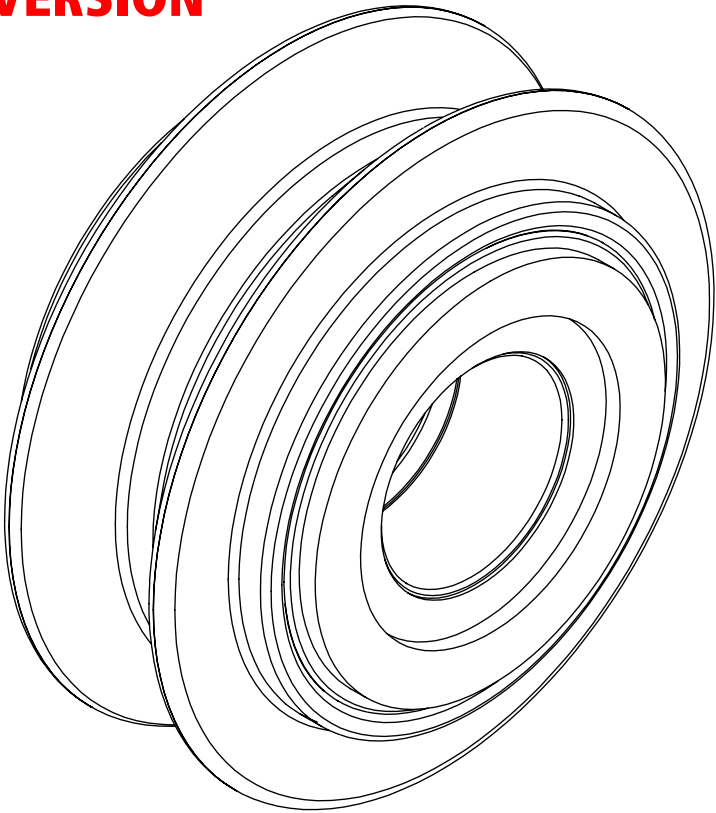
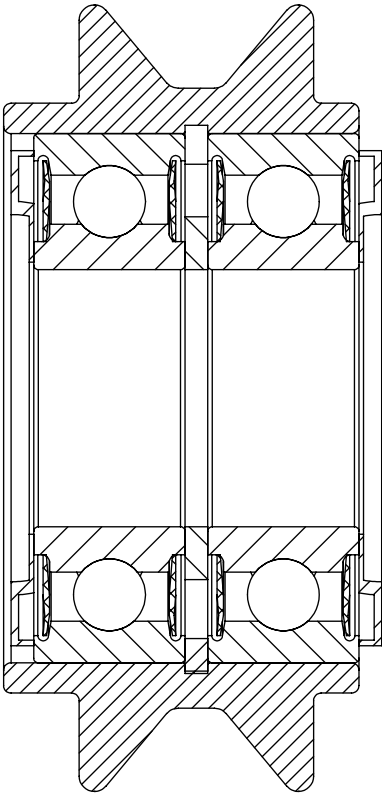
OLD VERSION



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	20756003	Radial support 6003-2RSH/C3	2
2	21300350	Circlip, SB35	1
3	22111715	Support ring 17 x 24 x 1.5 DIN988	1
4	23506003	Nilos seal 6003 AV	2
5	45010100	Track roller	1

Assy. Number			
Assy. Description			
Date	2011-07-12	TRACTIVE Gjutargatan 54 S-781 70 Borlänge Tel +46 243 22 11 55 Fax +46 243 22 11 80 www.tractive.se / www.pentruder.com	
Revision			
Drawn			
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Supercedes			
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		Drawing Size	A3
SHEET 1 OF 2			

OLD VERSION



Assembled View

Assy. Number			
Assy. Description			
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Revision			
Drawn			
Approved			
Supercedes			
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		Drawing Size	A3
			SHEET 2 OF 2

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Document Updated: 2024-09-12

ITEM NO	PART/ASSY NUMBER	DESCRIPTION	QTY.
1	121008020-12.9FZ	Allen screw DIN912 M8 x 20 12.9Z	4
2	123008025-10.9FZ	C/S Allen screw DIN7991 M8x25 10.9Z	2
3	16240200	Washer, track roller	2
4	19040500	Hosefitting 90° 1/8 hose 8mm	2
5	22102009	Support ring 20 x 28 x 0.9	2
6	22110810	Support ring 8 x 14 x 1 DIN988	2
7	22140100	Spacer eccentric shaft.SLDPRT	2
8	28010200	Locking slider 6-10 / 12	2
9	34080100	Eccentric, adjustable	2
10	34080300	Shaft Eccentric Locking 6-10/12 +HF	2
11	34160201	Travel pinion, assembly	1
12	34160601	Gear Drive Assembly, Arm Rotation	1
13	34280201	Spindle 6 - 10 / 6 - 12 cpl	1
14	35121401	Slip clutch disc type 6-12HF cpl	1
15	45010101	Roller upper and lower, cpl.	4
16	52090108	Hose Polyurethan 8 x 5.5	1
17	53010501	Handle 6 - 10/12 and HF saws cpl	2
18	58250101	Cover arm rotation Pentrunder cpl	1
19	A4200004	Flange Assembly 6-12	1
20	A5600029	Chassis Assembly, 6-12 HF	1
21	A5600030	Hub Assembly, 6-12 HF	1
22	A5600031	Arm assembly, 6-12 HF	1
23	A5700008	Gear change Assembly, 6-12	1
24	A5800023	Feed motors covers 6-12HF	1
25	A5800024	Gear shaft Assembly,6-12	1
26	A6300001	Arm feed motor, 24V, 43:1, assy	1
27	A6300006	Travel motor 24V, 15:1 assy	1

OLD VERSION

Part Number		Description	
		6-12HF Assembly	
Material		Geometric Tolerance	Proj
Date		Dim. in mm	Mass in Gram
Drawn by		Org. approved by	Designed by
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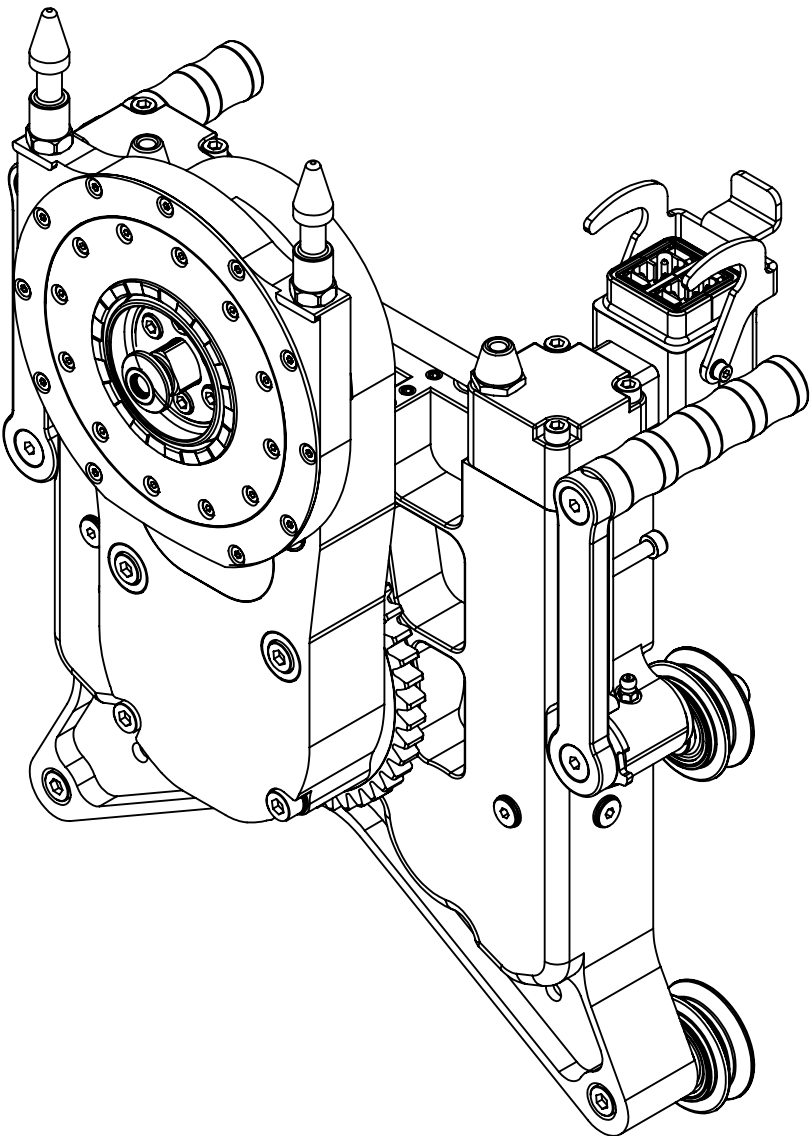
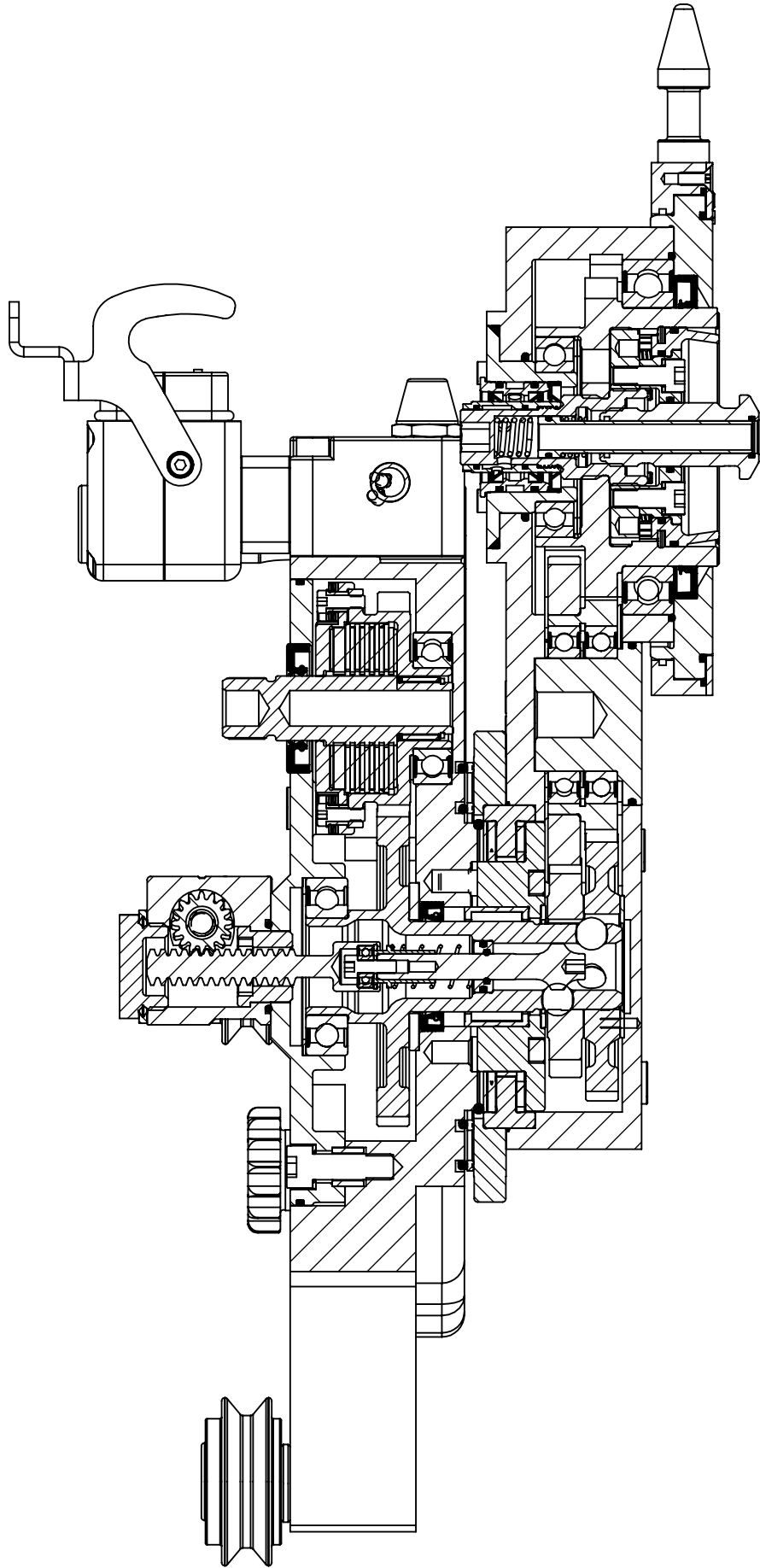
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OLD VERSION



Part Number		Description 6-12HF Assembly			
Material		Geometric Tolerance		Proj	Description
Date		Dim. in mm	Mass in Gram	Sheet 2/2	Description
Drawn by	Org. approved by	Designed by	Last changed by	THIS DRAWING IS THE PROPERTY OF Tractive AB. ITS SUBMISSION DOES NOT INCLUDE OR CARRY THE RIGHT TO MAKE, USE OR SELL WHAT IS ILLUSTRATED WITHOUT THE WRITTEN CONSENT OF Tractive AB.	
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Document updated: 2024-09-02

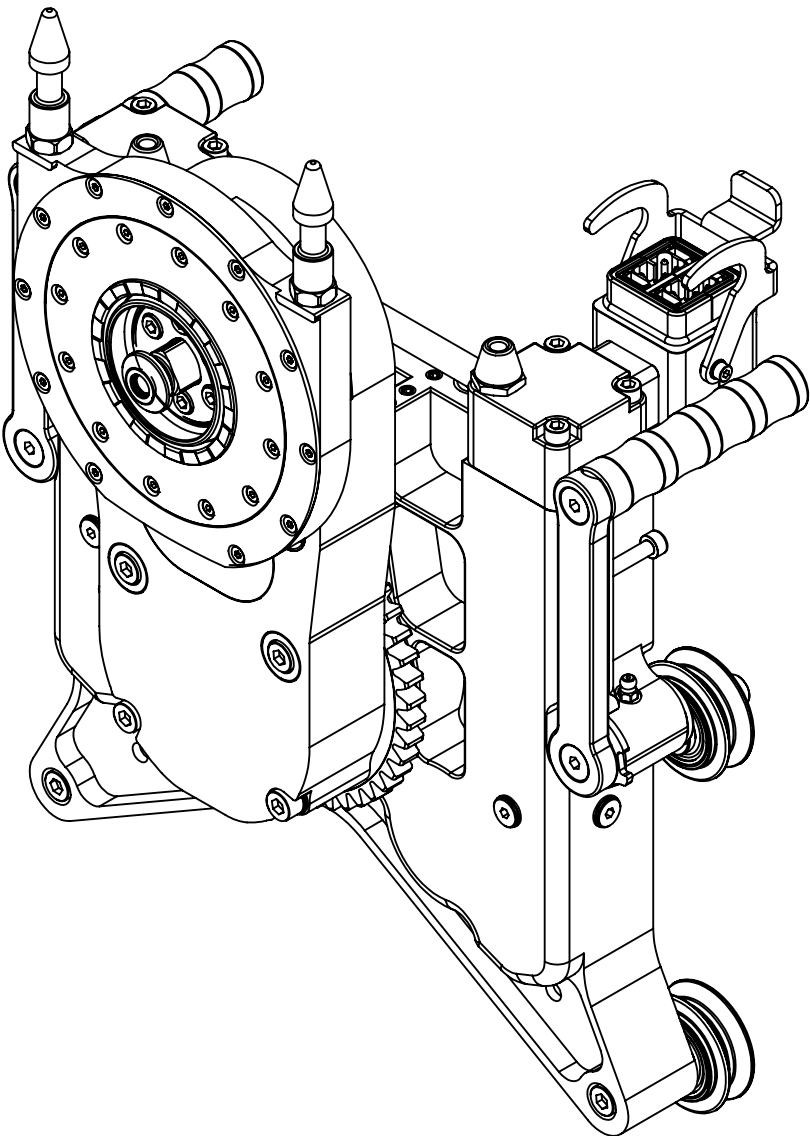
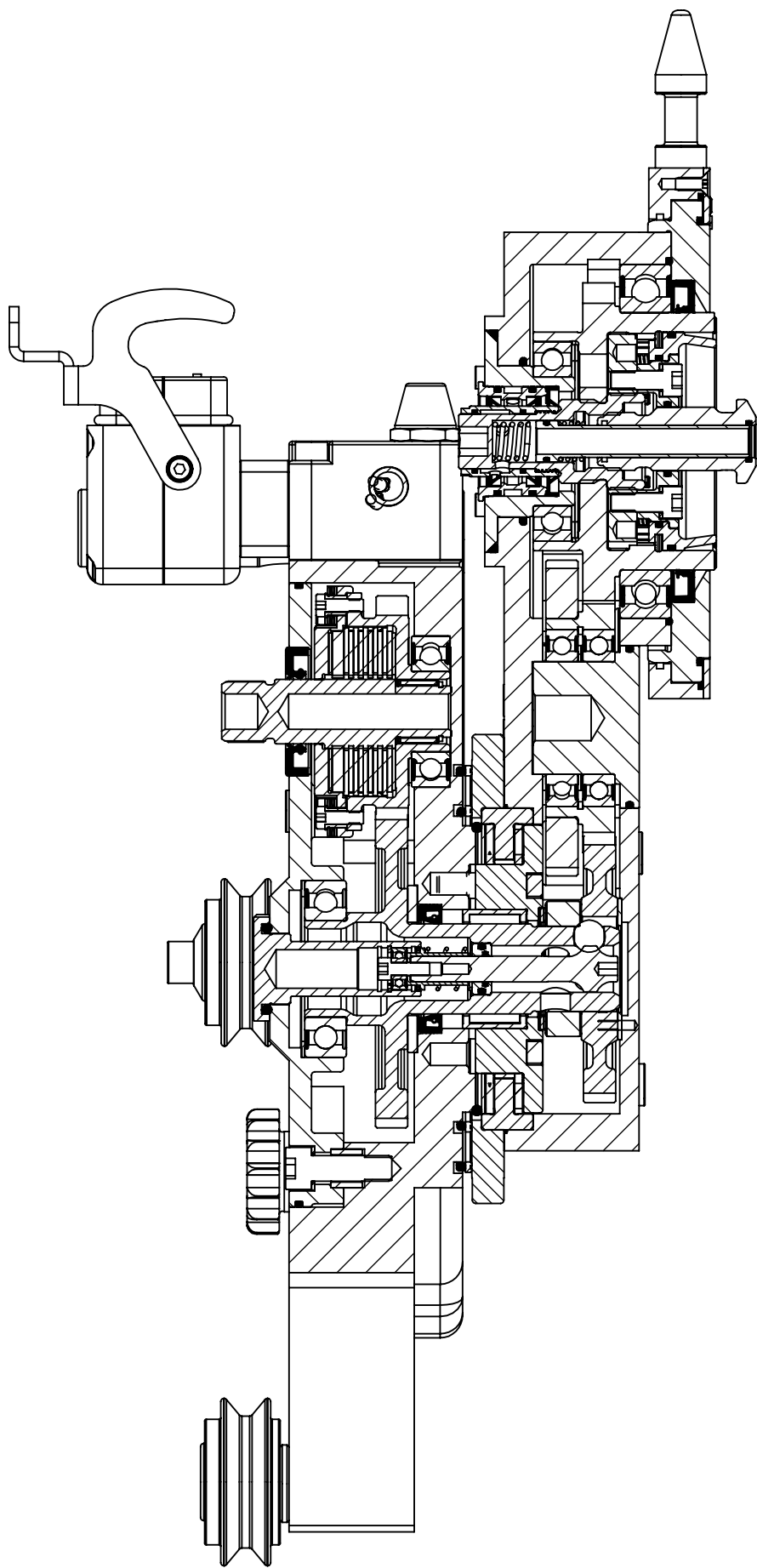
ITEM NO	PART/ASSY NUMBER	DESCRIPTION	QTY.
1	121008020-12.9FZ	Allen screw DIN912 M8 x 20 12.9Z	4
2	123008025-10.9FZ	C/S Allen screw DIN7991 M8x25 10.9Z	2
3	16240200	Washer, track roller	2
4	19040500	Hosefitting 90° 1/8 hose 8mm	2
5	22102009	Support ring 20 x 28 x 0.9	2
6	22110810	Support ring 8 x 14 x 1 DIN988	2
7	22140100	Spacer eccentric shaft.SLDPRT	2
8	28010200	Locking slider 6-10 / 12	2
9	34080100	Eccentric, adjustable	2
10	34080300	Shaft Eccentric Locking 6-10/12 +HF	2
11	34160201	Travel pinion, assembly	1
12	34160601	Gear Drive Assembly, Arm Rotation	1
13	34280201	Spindle 6 - 10 / 6 - 12 cpl	1
14	35121401	Slip clutch disc type 6-12HF cpl	1
15	45010101	Roller upper and lower, cpl.	4
16	52090108	Hose Polyurethan 8 x 5.5	1
17	53010501	Handle 6 - 10/12 and HF saws cpl	2
18	58250101	Cover arm rotation Pentruder cpl	1
19	A4200004	Flange Assembly 6-12	1
20	A5600029	Chassis Assembly, 6-12 HF	1
21	A5600030	Hub Assembly, 6-12 HF	1
22	A5600039	Arm assembly, 6-10 HF	1
23	A5800023	Feed motors covers 6-12HF	1
24	A5800032	Gear shaft assembly, 6-10	1
25	A6300001	Arm feed motor, 24V, 43:1, assy	1
26	A6300006	Travel motor 24V, 15:1 assy	1

OLD VERSION

Part Number 6-10HF Assy		Description 6-10 HF Assembly	
Material		Geometric Tolerance	
Date		Dim. in mm	
Mass in Gram		Sheet 1/2	
Drawn by	Org. approved by	Designed by	Last changed by
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Part Number 6-10HF Assy		Description 6-10 HF Assembly			
Material		Geometric Tolerance		Proj 	Description
Date		Dim. in mm	Mass in Gram	Sheet 2/2	Description
Drawn by	Org. approved by	Designed by	Last changed by	THIS DRAWING IS THE PROPERTY OF Tractive AB. ITS SUBMISSION DOES NOT INCLUDE OR CARRY THE RIGHT TO MAKE, USE OR SELL WHAT IS ILLUSTRATED WITHOUT THE WRITTEN CONSENT OF Tractive AB.	
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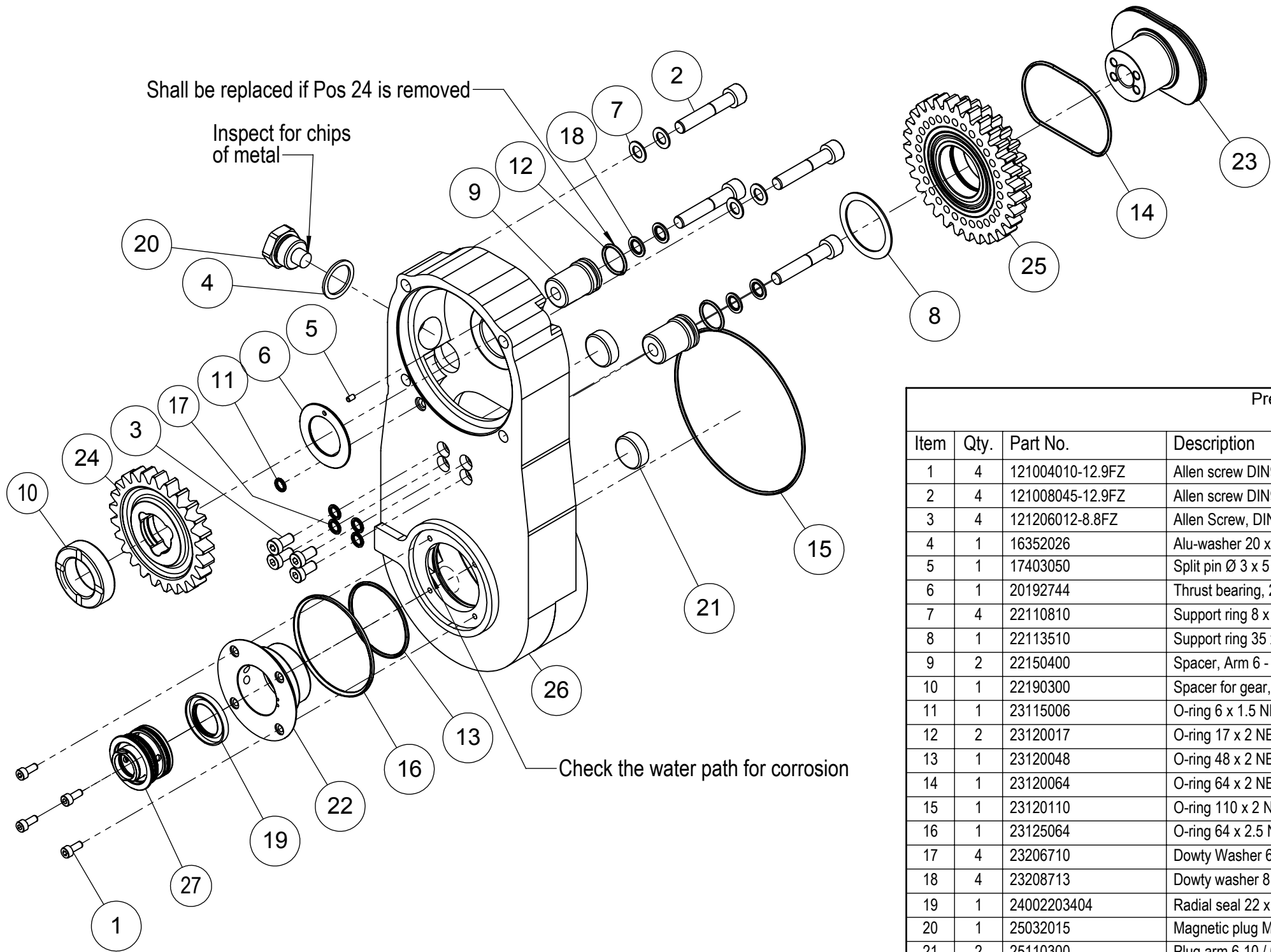
Model: A5600039 Rev: **DRAFT**

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Rev.	Note	Date	Rev. By	Appr. By
	Updated after migration			



Preventative Maintenance I=Inspect X=Replace						
Item	Qty.	Part No.	Description	Note	80h	160h
1	4	121004010-12.9FZ	Allen screw DIN912 M4 x 10 12.9Z			
2	4	121008045-12.9FZ	Allen screw DIN912 M8 x 45 12.9Z			
3	4	121206012-8.8FZ	Allen Screw, DIN7984 M6 x 12 8.8Z	Low head		
4	1	16352026	Alu-washer 20 x 26 x 1.5		X	X
5	1	17403050	Split pin Ø 3 x 5			
6	1	20192744	Thrust bearing, 27 x 44 special			
7	4	22110810	Support ring 8 x 14 x 1 DIN988			
8	1	22113510	Support ring 35 x 45 x 1 DIN988			
9	2	22150400	Spacer, Arm 6 - 10 / 6 - 12			
10	1	22190300	Spacer for gear, 6-10HF			
11	1	23115006	O-ring 6 x 1.5 NBR 70			X
12	2	23120017	O-ring 17 x 2 NBR 70			
13	1	23120048	O-ring 48 x 2 NBR 70			X
14	1	23120064	O-ring 64 x 2 NBR 70			X
15	1	23120110	O-ring 110 x 2 NBR70			X
16	1	23125064	O-ring 64 x 2.5 NBR 70			X
17	4	23206710	Dowty Washer 6.7 x 10 x 1 M6			X
18	4	23208713	Dowty washer 8.7 x 13 x 1 M8			X
19	1	24002203404	Radial seal 22 x 34 x 4			X
20	1	25032015	Magnetic plug M20 x 1.5		I	I
21	2	25110300	Plug arm 6-10 / 6-12 22mm			
22	1	34040400	Swivel housing			
23	1	34210400	Shaft intermediate gear 6 - 10/12			
24	1	35120200	Primary gear 2:nd, 6-12	Primärkugghjul 2:an, 6-12		I
25	1	35370601	Intermediate Gear, Double 6-10/12cpl			I
26	1	56010200	Arm 6 - 10/12			I
27	1	57210501	Water Seal Housing wall saw cpl v3		I	I

Material		Description				Arm assembly, 6-10 HF	
Geometric Tolerance		Sheet	3/3	Mass in Gram	Dim.in mm	Note	
TRACTIVE		Date		Proj		Part Number	Revision
		Drawn by	Designed by	Scale			
			AJ	1:3		A5600039	

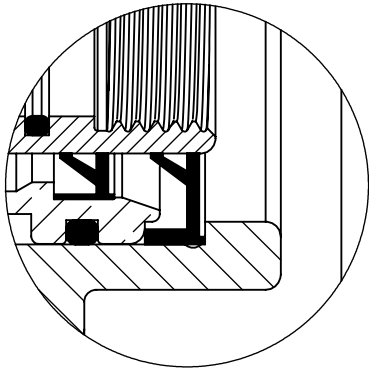
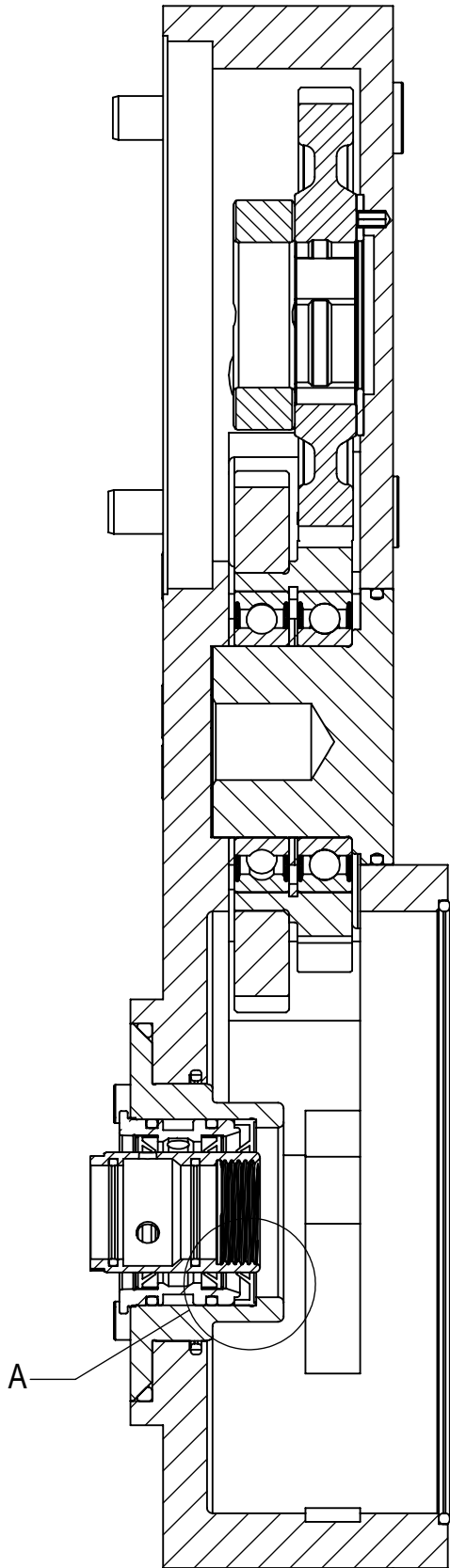
Model: A5600039 Rev: **DRAFT**

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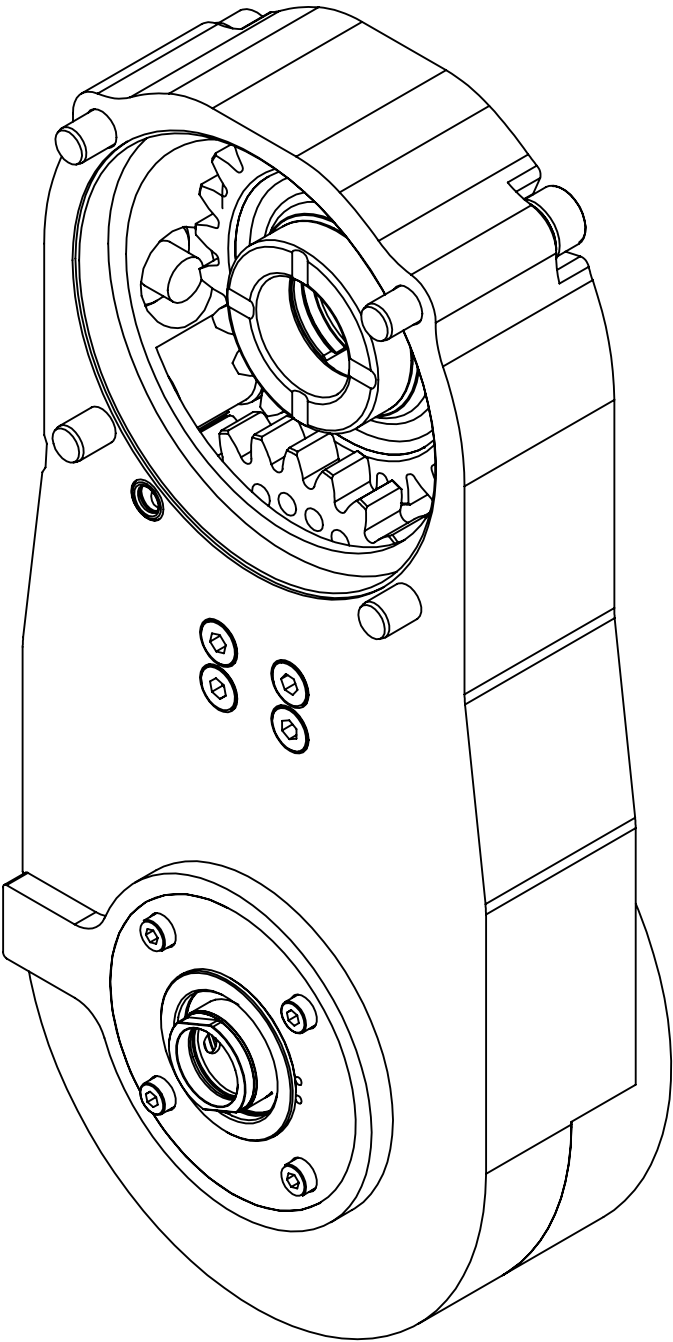
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Rev.	Note	Date	Rev. By	Appr. By
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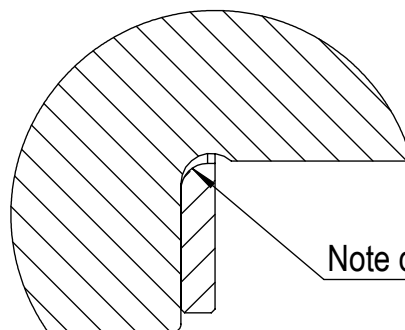
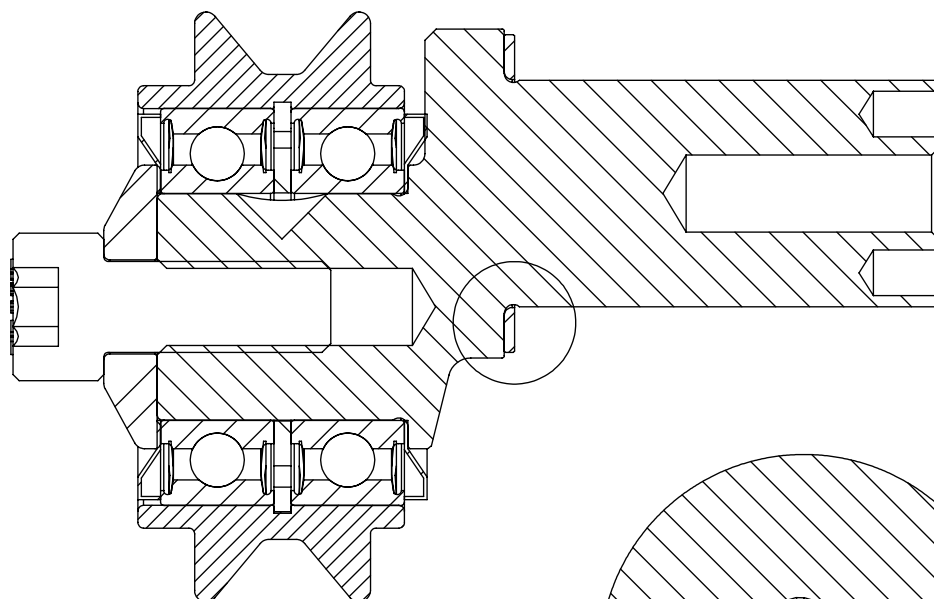


Material		Description Arm assembly, 6-10 HF		
Geometric Tolerance	Sheet 2/3	Mass in Gram	Dim.in mm	Note
TRACTIVE		Date	Proj	Part Number
		Drawn by	Designed by AJ	Scale 1:5
				A5600039
				Revision

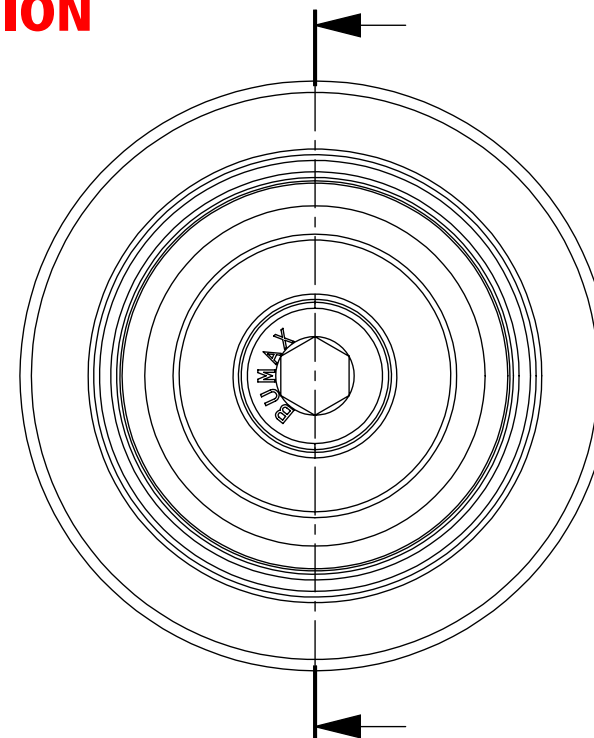
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Rev.	Note	Date	Rev. By	Appr. By
C	Screw replaced. Material and surface treatment changed in washer.	2020-08-13	JG	MP
B	Updated with Ø20 excenter	2019-05-28	JG	JG
A	Updated after migration	2018-02-15	JG	JT

OLD VERSION



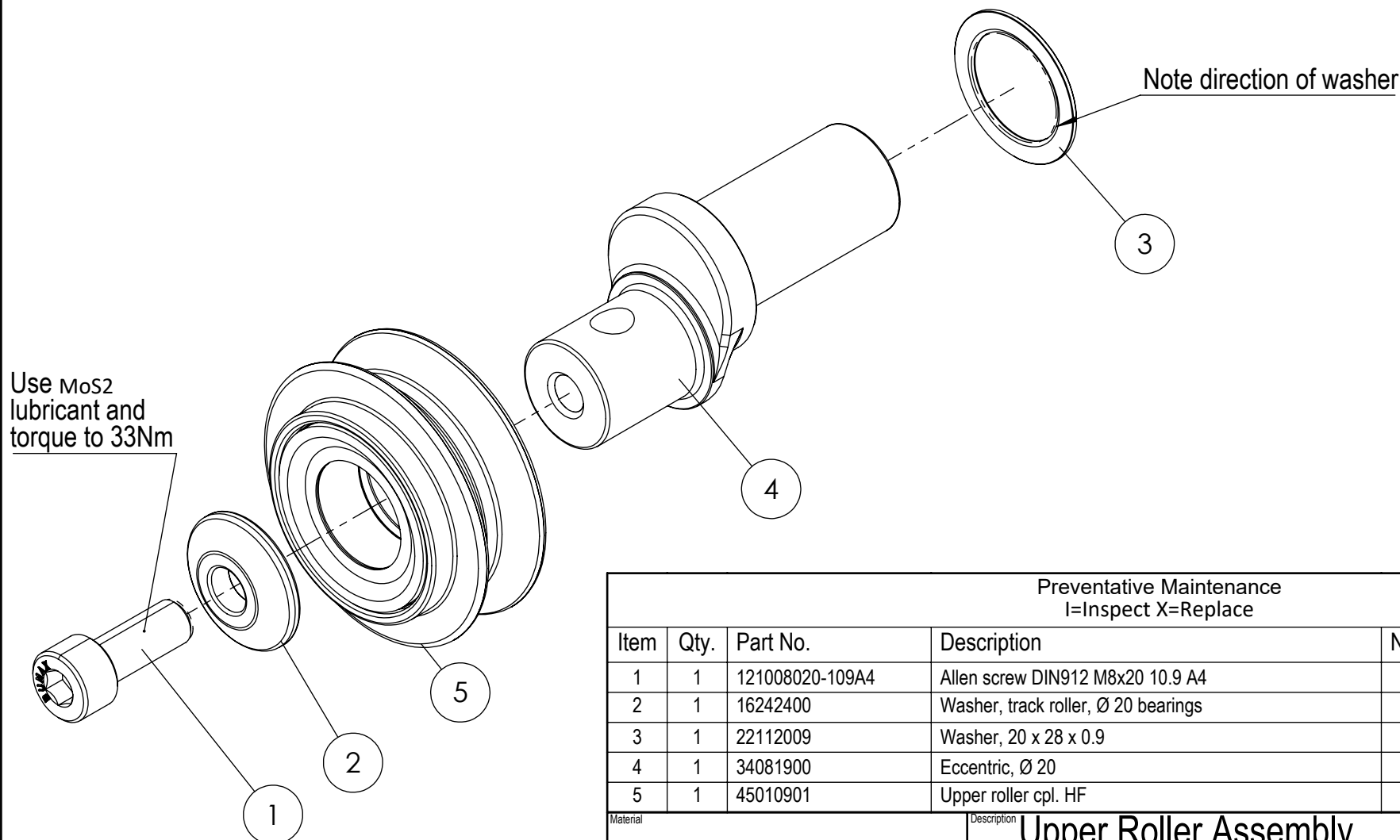
Note direction of washer



Material		Description Upper Roller Assembly			
Geometric Tolerance	Sheet 2/3	Mass in Gram	Dim.in mm	Note	
TRACTIVE		Date	Proj 	Part Number	
		Drawn by	Designed by JG	A3400003 C	
		Scale 1.5:1			

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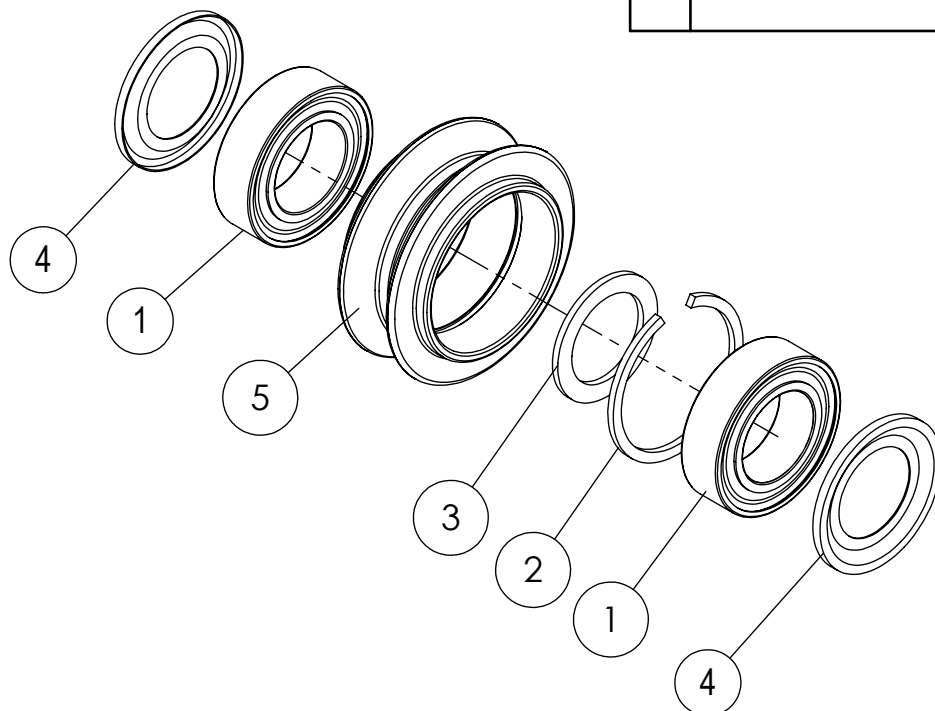
Rev.	Note	Date	Rev. By	Appr. By
C	Screw replaced. Material and surface treatment changed in washer.	2020-08-13	JG	MP
B	Updated with Ø20 excenter	2019-05-28	JG	JG
A	Updated after migration	2018-02-15	JG	JT



Preventative Maintenance I=Inspect X=Replace						
Item	Qty.	Part No.	Description	Note	80h	160h
1	1	121008020-109A4	Allen screw DIN912 M8x20 10.9 A4			
2	1	16242400	Washer, track roller, Ø 20 bearings			
3	1	22112009	Washer, 20 x 28 x 0.9			
4	1	34081900	Eccentric, Ø 20			I
5	1	45010901	Upper roller cpl. HF			I
Material			Upper Roller Assembly			
Geometric Tolerance		Sheet 3/3	Mass in Gram	Dim.in mm	Note	
TRACTIVE			Date	Proj	Part Number	
			Drawn by	Designed by JG	Scale 1:1	Revision
					A34000003	C

Approved

Rev.	Note	Date	Rev. By	Appr. By
A	New Document	2018-06-19	JG	JG



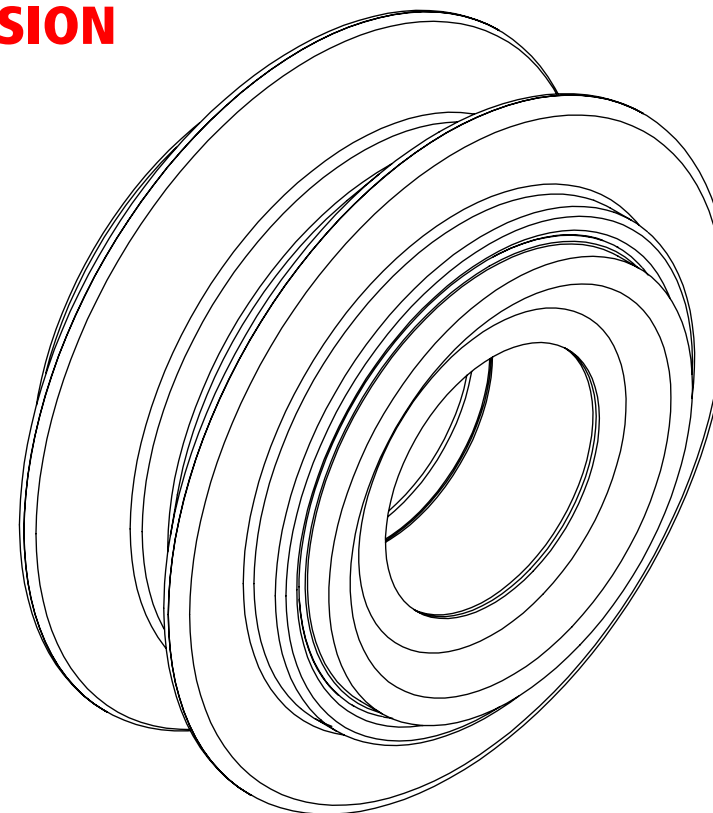
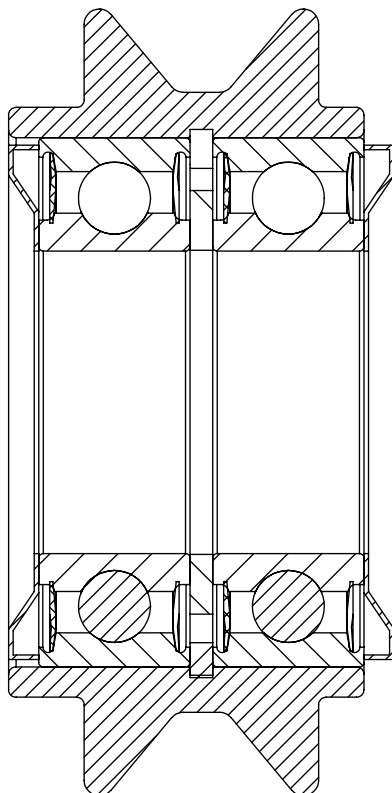
OLD VERSION

Item	Qty.	Part No.	Description	Note
1	2	2075203510	Ball bearing, 20 x 35 x 10-2RSS	
2	1	21300350	Circlip, SB35	
3	1	22112015	Support ring 20 x 28 x 1.5	
4	2	23561904	Nylon ring 61904 AV	
5	1	45010100	Track roller	
Material			Upper roller cpl. HF	
Geometric Tolerance		Sheet 1/3	Mass in Gram	Dim.in mm
Date 2018-06-15			Proj	Note
Drawn by AJ			Designed by AJ	Part Number
Scale 1:1.5			Revision	
TRACTIVE			45010901	
			A	

Approved

Rev.	Note	Date	Rev. By	Appr. By
A	New Document	2018-06-19	JG	JG

OLD VERSION



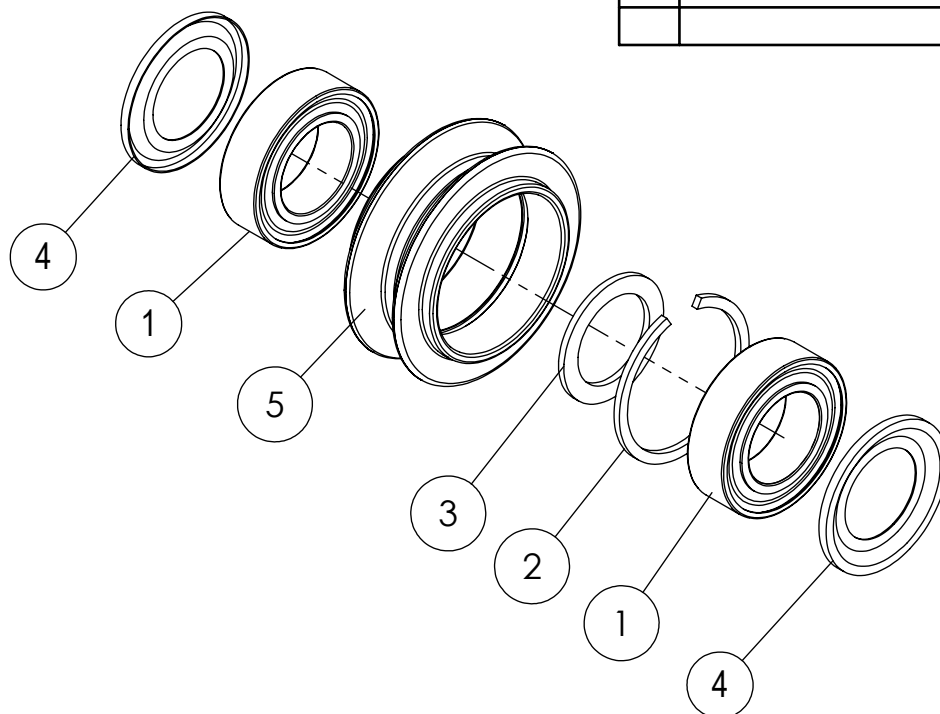
Assembled View

Material		Description Upper roller cpl. HF		
Geometric Tolerance	Sheet 2/3	Mass in Gram	Dim.in mm	Note
		Date 2018-06-15	Proj 	Part Number 45010901
		Drawn by AJ	Designed by AJ	Scale 2:1
				Revision A

Approved

Rev.	Note	Date	Rev. By	Appr. By
A	New Document	2018-06-19	JG	JG

OLD VERSION

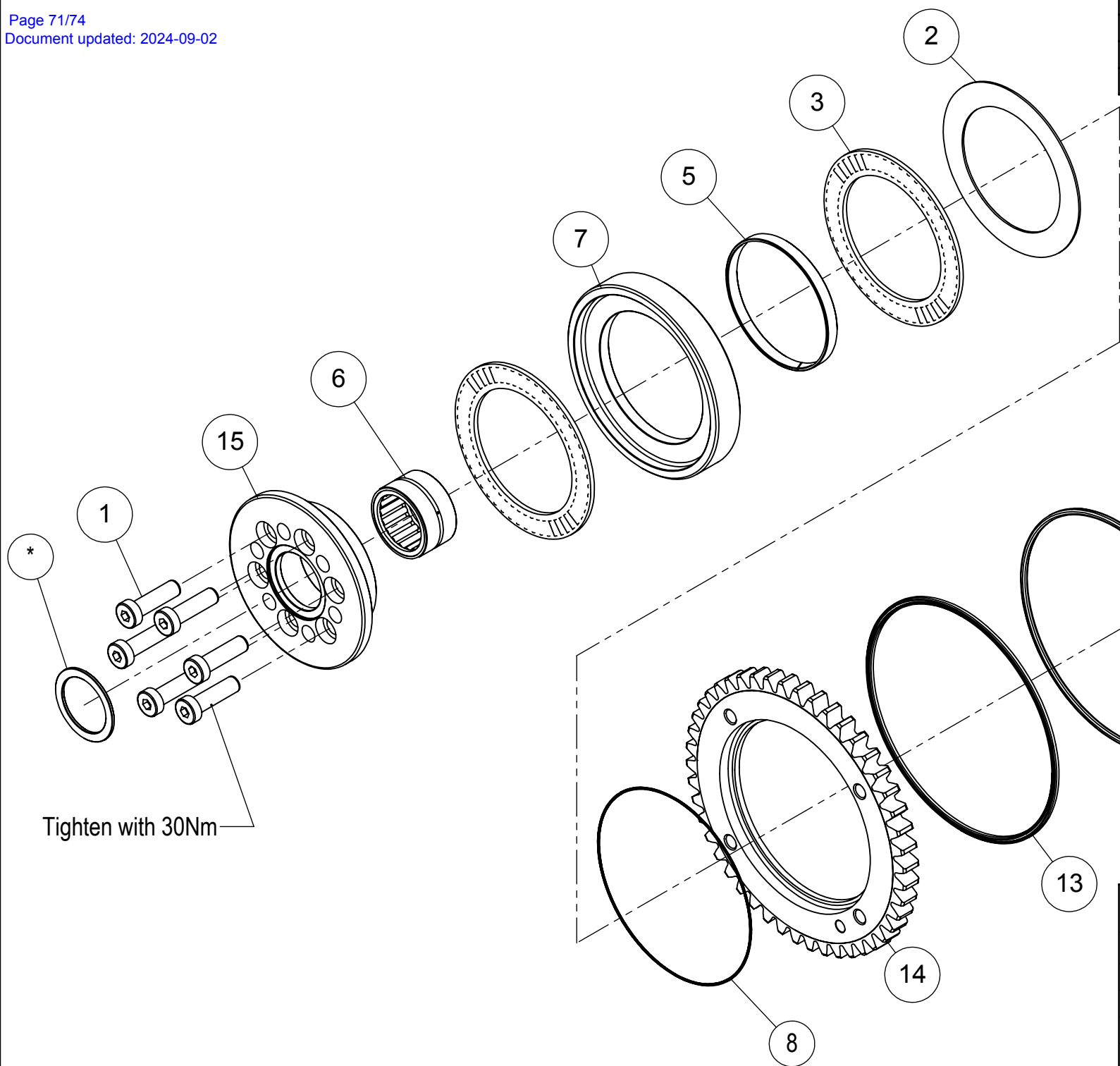


Preventative Maintenance I=Inspect X=Replace						
Item	Qty.	Part No.	Description	Note	80h	160h
1	2	2075203510	Ball bearing, 20 x 35 x 10-2RSS		I	I
2	1	21300350	Circlip, SB35			
3	1	22112015	Support ring 20 x 28 x 1.5			
4	2	23561904	Nilos ring 61904 AV			X
5	1	45010100	Track roller		I	I
Material			Description Upper roller cpl. HF			
Geometric Tolerance		Sheet 3/3	Mass in Gram	Dim.in mm	Note	
TRACTIVE			Date 2018-06-15	Proj 	Part Number 45010901	
			Drawn by AJ	Designed by AJ		
			Scale 1:1.5	Revision A		

Model: A560030 Rev: **DRAFT**

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Rev.	Note	Date	Rev. By	Appr. By
	Updated after migration			

OLD VERSION

Preventative Maintenance I=Inspect X=Replace						
Item	Qty.	Part No.	Description	Note	80h	160h
1	6	121208028-10.9	Allen Screw, DIN7984 M8 x 28 10.9	Low head		
2	1	20046590	Trust Washer AS 6590			
3	2	20086590	Thrust needle bearing AXK6590			I
*	1	20192938	Thrust washer 29x38x1.5			
5	1	20210063204	B-strip 6.3 x 204 x 1.5			X
6	1	2041NK28_20	Needle roller bearing NK 28/20			I
7	1	22010300	Bearing ring 6-12			
8	1	23110098	O-ring 98 x 1 Viton			X
9	1	23126095	O-ring 95 x 2.62 NBR 70			X
10	1	23126120	O-ring 120.32 x 2.62 NBR 70			X
11	1	23130085	O-ring 25 x 3 NBR70			X
12	1	24009510103	Seal ID=95			X
13	1	24012012603	Seal ID=120			X
14	1	35360200	Gear ring 6 - 10 / 6 - 12	Kuggkrans 6 - 10 / 6 - 12		
15	1	57170200	Axial B-housing arm 6-12	Lagerhus arm 6 - 12 förstärkt		

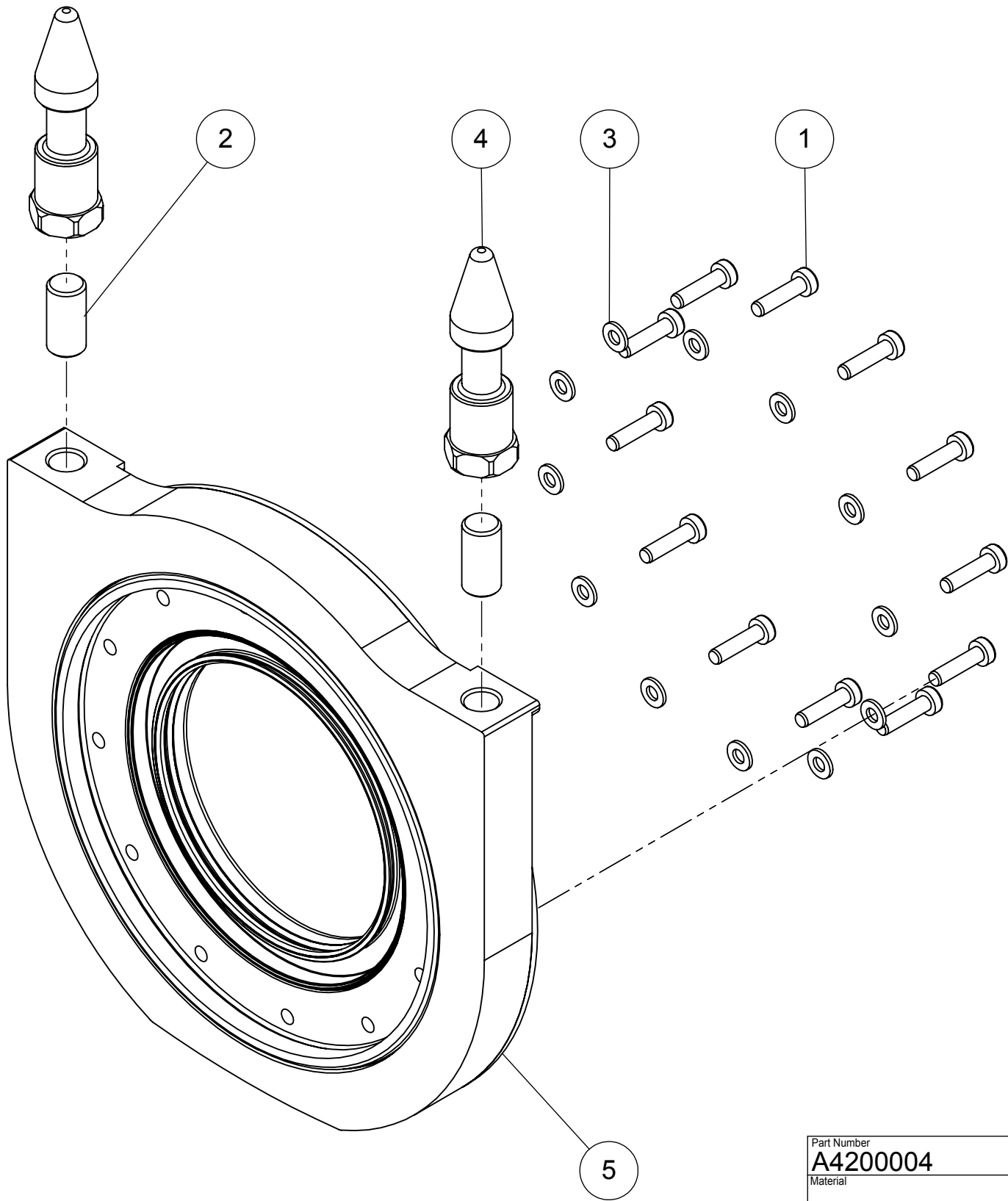
Material		Description Hub Assembly, 6-10/12 HF				
Geometric Tolerance		Sheet 3/3	Mass in Gram 1647	Dim.in mm	Note	
			Date	Proj	Part Number	
			Drawn by	Designed by AJ	Scale 1:2.5	
						Revision

Choose version according to:		
*	6-10HF	20192938-S
*	6-12HF	20192938

TRACTIVE

A5600030

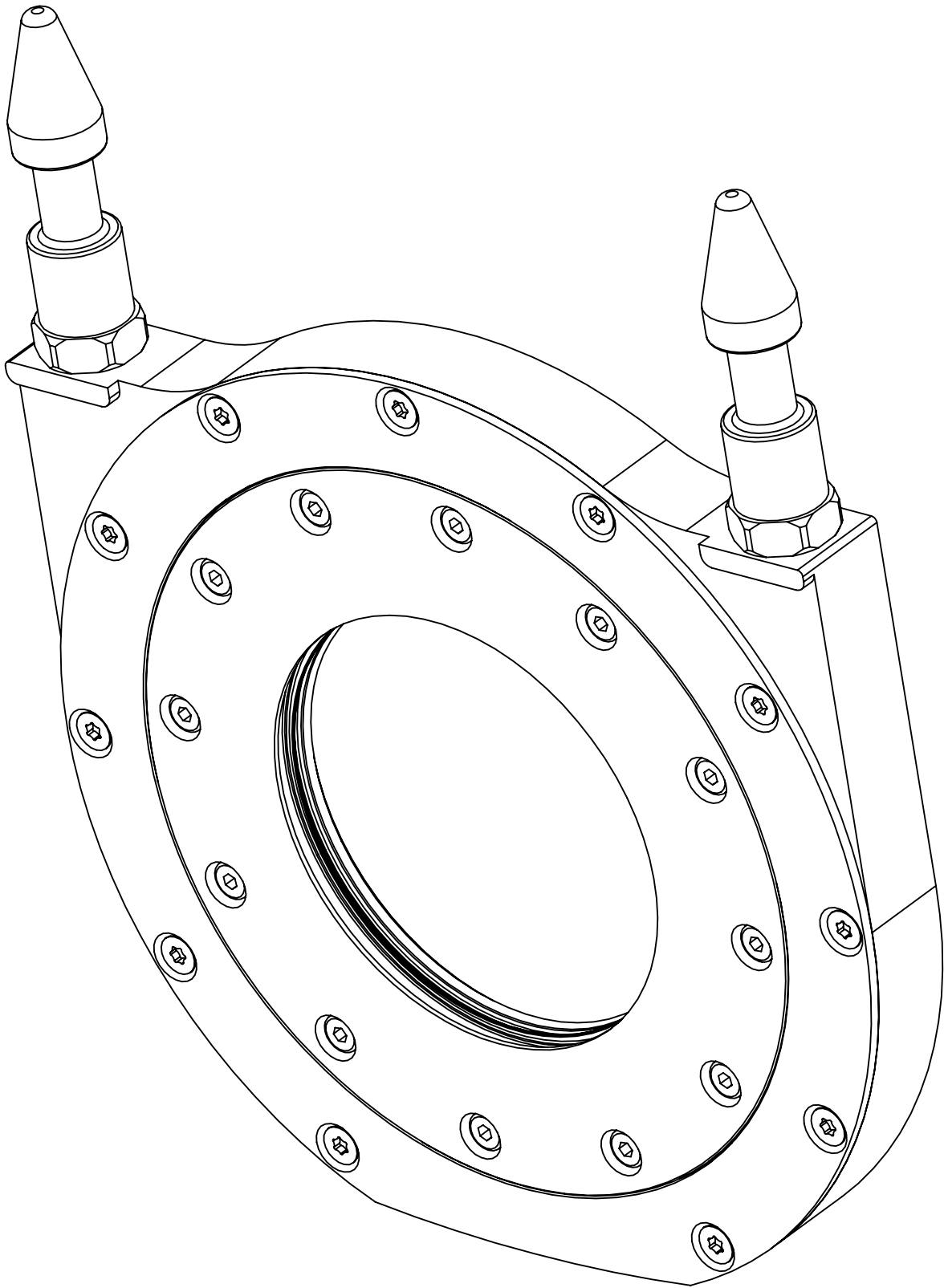
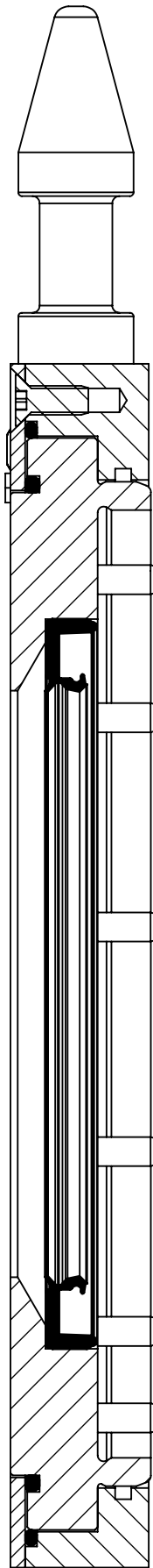
OLD VERSION



ITEM NO.	PART/ASSY NUMBER	DESCRIPTION	QTY.
1	121204016-12.9 FZ	Allen Screw, Low head, DIN7984 M4 x 16 12.9Z	12
2	14080800	Stud, M10 x 20	2
3	22110410	Support ring 4 x 8 x 1 DIN988	12
4	40070300	Guide cone, int. M10	2
5	42020101	Flange blade guard holder cpl	1

Part Number A4200004		Description Flange Assembly 6-12	
Material		Geometric Tolerance	
Date		Dim. in mm	
Mass in Gram		Sheet 1/2	
Drawn by	Org. approved by	Designed by	Last changed by
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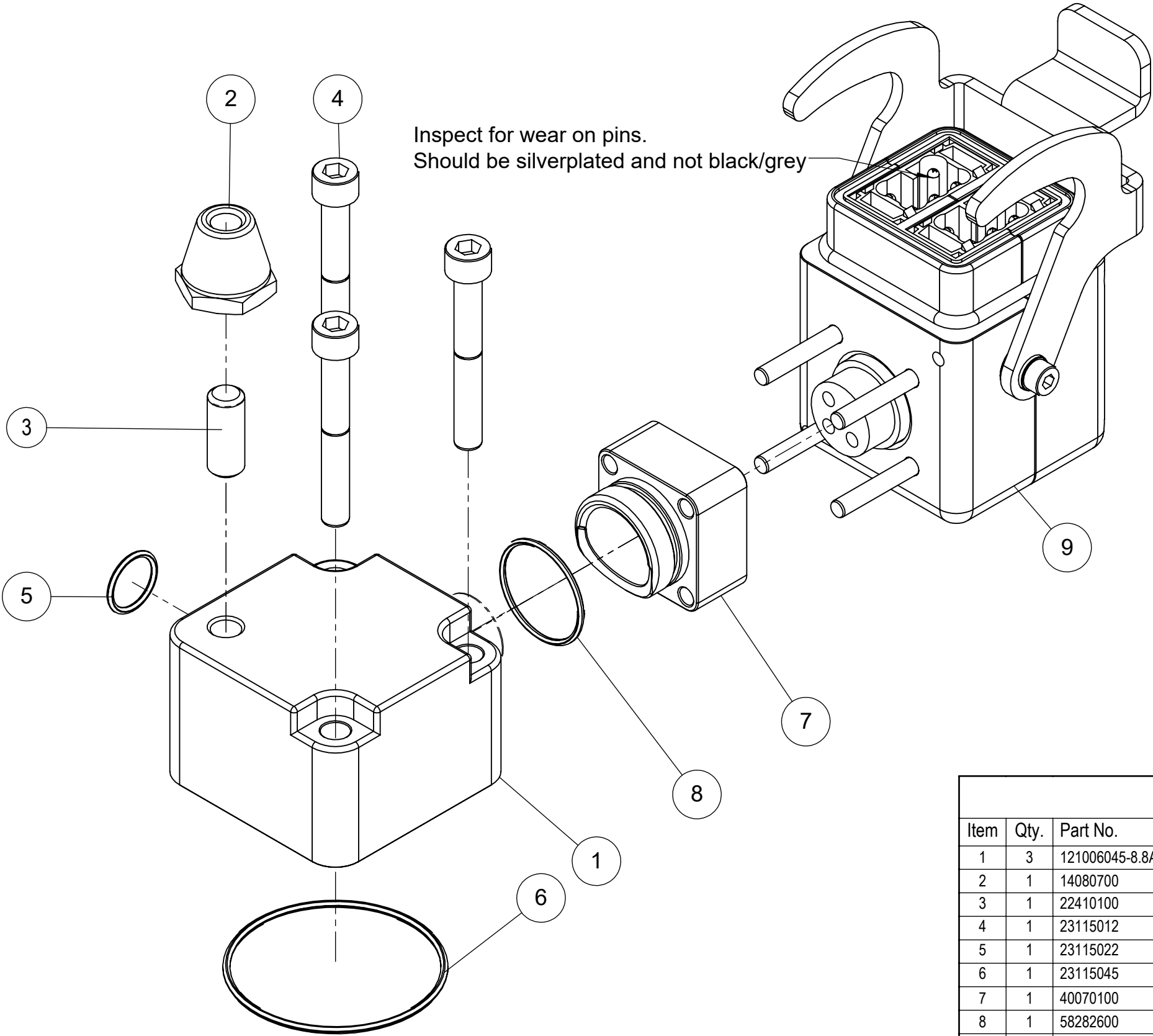
OLD VERSION



Part Number A4200004		Description Flange Assembly 6-12			
Material		Geometric Tolerance		Proj 	Description
Date		Dim. in mm	Mass in Gram	Sheet 2/2	Description
Drawn by	Org. approved by	Designed by	Last changed by	THIS DRAWING IS THE PROPERTY OF Tractive AB. ITS SUBMISSION DOES NOT INCLUDE OR CARRY THE RIGHT TO MAKE, USE OR SELL WHAT IS ILLUSTRATED WITHOUT THE WRITTEN CONSENT OF Tractive AB.	
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OLD VERSION

Rev.	Note	Date	Rev. By	Appr. By



Preventative Maintenance						
I=Inspect X=Replace						
Item	Qty.	Part No.	Description	Note	80h	160h
1	3	121006045-8.8A2	Allen Screw DIN912 M6 x 45 8.8A2			
2	1	14080700	Stud, M8 x 20			
3	1	22410100	Spacer, Cannon connector, 24V			
4	1	23115012	O-ring 12 x 1.5 NBR 70			I
5	1	23115022	O-ring 22 x 1.5 NBR 70			I
6	1	23115045	O-ring 45 x 1.5 NBR 70			I
7	1	40070100	Guide cone int. M8			
8	1	58282600	Cover, 6-12HF DC-Motor, Left Side Ver 2			
9	1	A6400001	Connector, Assembly, on Chassi,24V			I
Material			Proj	Scale	Units	Mass, gram
			⊕	1:5	mm / g	
Approved and released by			Beskrivning			
Checked by			Description			
			DC Motor Cover Assembly, Travel Motor 6-12			
Drawn by			TRACTIVE		Sheet	Part and drawing number
Designed by			A.Johnsen		2/2	A5800021
			Gjutargatan 54 S-781 70 Borlänge - Sweden		Category	Revision