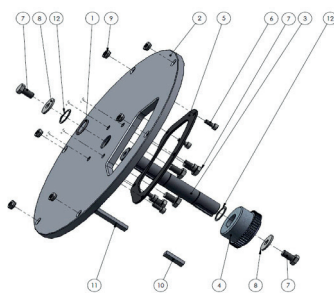
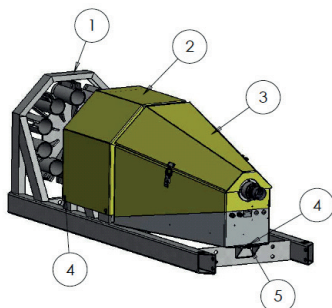


Spare Parts Catalogue Feed Systems



Your Aquaculture Technology and Service Partner

AKVAGROUP™

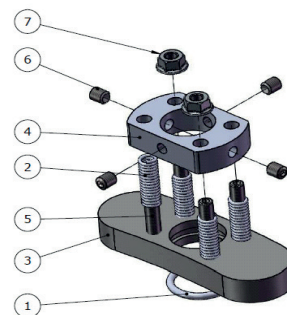
Spare Parts Catalogue - Feed Systems

Thank you for choosing AKVA group as your supplier of aquaculture technology. AKVA group is a technology partner and supplier of advanced equipment and services to the aquaculture industry worldwide. We are a public company operating in one of the world's fastest growing industries and supply everything from single components to complete installations. AKVA group is recognized as a pioneer and technology leader through more than 30 years. Corporate Headquarters are in Norway.

This catalogue includes all spareparts used in feed systems for both cage and land based aquaculture. It contains a complete overview with illustrations showing in detail each part used and where it is mounted.

For more information please visit our website

www.akvagroup.com



The spare part illustrations have position numbers showing where each part is mounted in each unit. This will help you to locate the correct parts for your equipment.



Note. The information in this document is subject to change without notice and should not be construed as a commitment by AKVA group ASA. AKVA group ASA assumes no responsibility for any errors that may appear in this document. In no event shall AKVA group ASA be liable for incidental or consequential damages arising from use of this document or of the software and hardware described in this document.

We reserve all rights in this document and in the information contained therein. Reproduction, use or disclosure to third parties without express authority is strictly forbidden. Additional copies of this document may be obtained from AKVA group ASA at its then current charge.

© 2012 AKVA group ASA, Bryne – Norway. First Edition: 01.12.2012

Contents

1. Selectors	5	4. Rotary Spreaders	69
• Selector Valve CF32 L60 CCS	5	• Rotary Spreader RS32-T	69
• Selector Valve CF63 L32 w/ ext. control box	9	• Rotary Spreader RS63-T	69
• Selector CF90 4L	12	• Rotary Spreader RS63C R450	70
• Selector CF90 10L MKII	19	• Rotary Spreader CF63 wo/ Buoy and Weight	71
• Single restrainer Archimedes	23	• Rotary Spreader CF90	72
• Selector CF90 24L	24	• Rotary Spreader RS90C wo/ Weight	73
• Tool Pipe Kit CF90	26	• Rotary Spreader RS90C wo/ Bouy and Weight	74
• Selector CF110 4L	27	• Rotary Spreader CF90 Single	75
• Selector CF110 8L	33	• Rotary Spreader CF90 Double	76
• CCS Selector Vari Module MKII	37	• Rotary Spreader CF90 Double XL	77
• Tool Pipe Kit CF110	37	• Rotary Spreader CF90 Bearing upgrade to DL	78
2. Dosers	38	• Rotary Spreader CF90 Bearing Upgrade R450	79
• Doser Valve CF1000/63	38	• Rotary Spreader RS110C MKII	80
• Doser Valve CF1000/90mm	41	• Rotary Spreader Hex	81
• Doser Valve CF1000 Repair Kit	43	• Rotary Spreader Upgrade Kit	82
• Doser Valve CF100 Rebuild Kit	44	• Rotary Spreader Weight Cover Kit MKII	82
• Doser 1500 Vari MKII	45	• Feed Spreader 63mm w/ Cable-ties	83
• Doser 1500 Vari Rebuild Kit Bottom Assy	49	• Feed Spreader 90mm w/ Cable-ties	83
• Doser 1500 Vari Rebuild Kit Top Assy	50	• Rotary Spreader Mounting Tool	84
• Doser 1500 Vari MKIII Start	51	5. Locking System	84
• Doser 1500 Vari Repair Kit	53	• Locking System 2-22 Hoses	84
• Doser CF4000 wo/ outlet	54	6. Feed Pipe Cleaner	85
• Doser Valve 4000 Bottom Plate SS Rebuild Kit	57	• Feed Pipe Cleaner Manual w/ handle	85
• Doser Valve 4000 Serviceability Rebuild Kit SS	58	• Feed Pipe Cleaner Motorized	86
• Doser Valve 4000 Serviceability Rebuild Kit	59	• Pipe Cleaning Ball Ø90 soft	86
• Doser CF4000 MKII wo/outlet	60	7. Pipe Coupling	87
• Doser CF4000 Repair Kit	65	• Pipe Coupling 29,9mm	87
• Outlets Dosers	66	• Pipe coupling 33,7mm	87
• Gasket for outlets	66	• Pipe Coupling 60,3mm	87
• Dosing Funnel Doser Valve 4000 (50g dose)	66	• Pipe Coupling 76,1mm	88
• Feeder Unit Doser Valve 4000 (50g dose)	67	• Pipe Coupling 88,9mm	88
• Feeder Unit Doser Valve 4000 MKII (50g dose)	67	• Pipe Coupling 101,6mm	88
3. Silo Blocking Devices	67	8. Air Control	89
• Silo Blocking Device - CF	67	• Sensor Meter Tube 30mm CCS	89
• Silo Gate Valve	68	• Sensor Meter Tube 60,3mm CCS	90
• Trap Door Combo	68	• Sensor Meter Tube 76,1mm CCS	91
		• Sensor Meter Tube 101,6mm CCS	92
		9. Intercoolers	93
		• Inter cooler CF32	93
		• Inter cooler CF63	94
		• Adapter kit Ø76,1-Ø60,3	94
		• Inter cooler CF90	95
		• Water Cooling Loop CF90 6m U-shaped	96
		• Water Cooling Loop CF90 12m W-shaped	96
		• Water Cooling Loop CF90 14m W-shaped	97
		• Water Cooling Loop CF110 12m W-shaped	98
		• Water Cooling Loop CF110 20m W-shaped	99

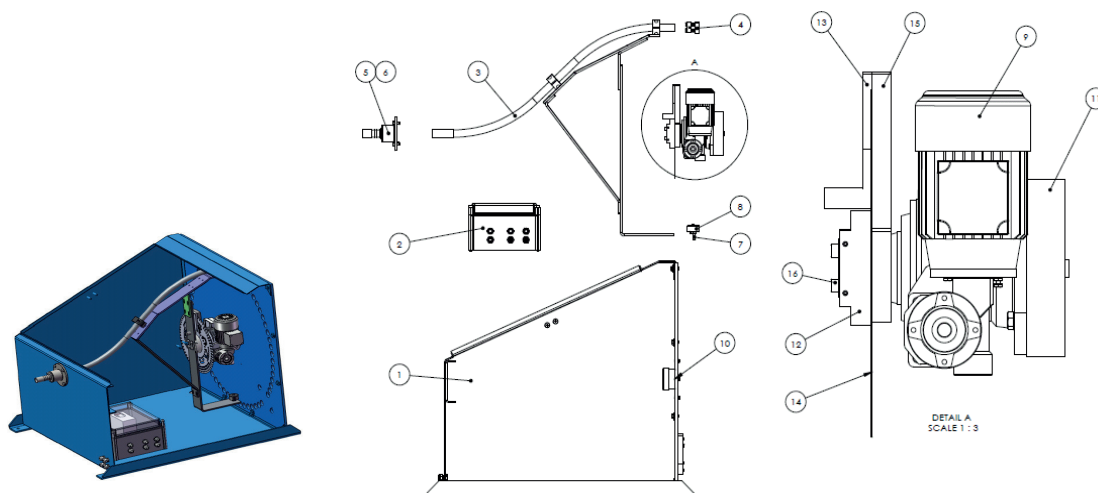
Contents continue

10. Augers	99
• Auger CCS 2m	99
• Auger CCS 3m	100
• Auger CCS 2,25m	100
11. CCS	101
• CCS Option Noise Cabinet Control	101
• CCS Option Air Cooler Control	101
• CCS Cabinet	102
• Locking Device for Main Switch	103
• Frequency Inverter for Doser 1500 Vari	104
• Frequency Inverter for Doser CF4000	104
• Frequency Inverter for Selector	104
• Frequency Inverter/Kaeser Blower	104
• Fan Kit for ATV61	105
• ADIO Cards for AKVAconnect	105
• ADIO Cards for AKVAcontrol	105
12. Computers	106
• Xplore Rugged Tablet PC Remote Control	106
• Monitor 24"	107
• PC w/OS AKVA standard Norwegian	107
• PC w/OS AKVA standard English	107

13. Water Separator	108
• Water Separator CF90	108
• Cyclone CF110	108
14. Blowers	109
• Blower CF32 7,5kW	109
• Blower CF90 22kW	109
• Blower CF90 30kW	110
• Blower CF110 37kW	110
• Robuschi Service Kit	111
• Robuschi - Drive belt	111
15. Service Box	112
• Service Box Vari 1500 - Small	112
• Service Box CF4000 - Small	113
• Service Box Vari 1500 - Big	114
• Service Box CF4000 - Big	115

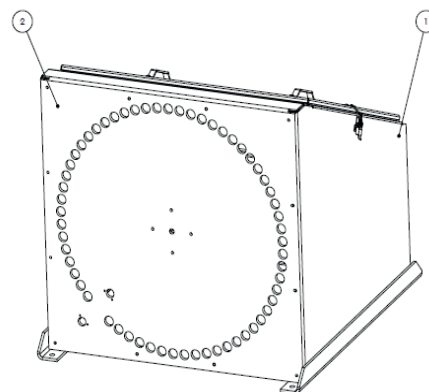
Selector Valve CF32 L60 CCS

Selector Valve CF32 L60 CCS #0101561



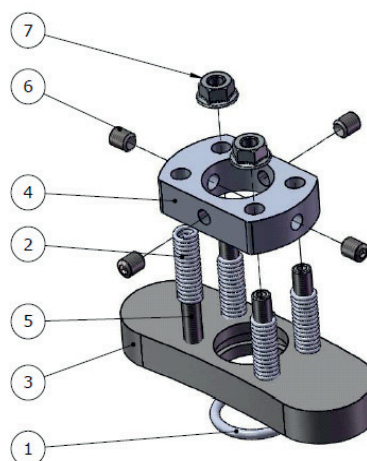
Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	0103246	Cabinet for Selector CF32 L60	1	pc	BOM page 6
2	0101081	CCS Selector Vari Module MKII	1	pc	BOM page 37
3	0101554	Selector CF32 L60 S-Pipe Assy	1	pc	LRU
4	0101591	Selector 250 Wing Assembly	1	pc	BOM page 6
5	0101559	Selector 250 Connecting House	1	pc	LRU
6	0101560	Selector 250 Connecting Piece	1	pc	LRU
7	20041	Eccentric Bolt CF4000/1000/250	1	pc	LRU
8	20042	Support Sheave CF4000/1000/250	1	pc	LRU
9	10083	Motor/Gear CF4000/1000-24L	1	pc	LRU
10	0101618	CCS Conn Set CF4000/60L CF32	1	pc	BOM page 7
11	0100094	MntEq DistElem Ø180	1	pc	LRU
12	20168	Boss Index CF4000/1000	1	pc	LRU
13	0101562	Selector 60L CF32 Support Plate	1	pc	LRU
14	0101558	Index-disc, Selector 60L CF32	1	pc	LRU
15	20173	Distance Ring CF4000/1000-24L	1	pc	LRU
16	20177	Lock Plate CF4000/1000-24L	1	pc	LRU
	0100365	MntEq FstClip Spring Claw SS	2	pc	LRU
	10329	Axle-key 8x7x90mm	1	pc	LRU
	10063	Lock-ring A-10	1	pc	LRU
	0102299	MntEq Nipple M50x1,5	4	pc	LRU
	0102300	Nut counter M20x1,5	4	pc	LRU
13	461 20	Clamp ABMS	6	pc	LRU
	20008	Cover CF4000/1000/250-24/48L	1	pc	LRU
	20027	Secure Wire CF4000/1000/250	1	pc	LRU
	0100184	MntEq Nipple EMC M20 8-11mm	1	pc	LRU
	0100578	MntEq Nipple Adapter M25 – M20	1	pc	LRU
	20169	Drive Shaft CF4000/1000-24L	1	pc	LRU
	10068	Seal O-Ring String Nitril Ø8mm	0,22	m	LRU

Cabinet for Selector CF32 L60 #0103246



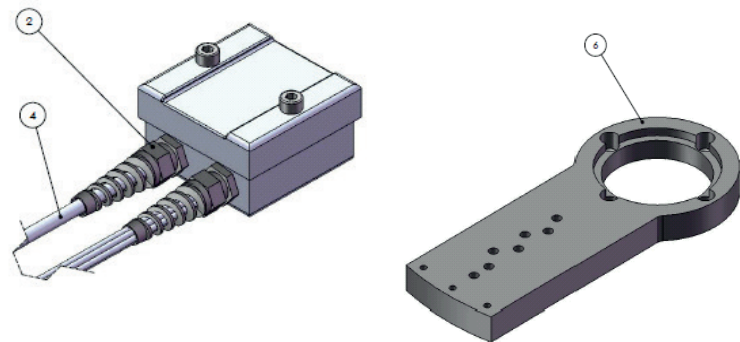
Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	20164	Cabinet CF4000/1000	1	pc	BOM page 7
2	0101555	Selector 60L CF32 Baseplate	1	pc	LRU

Selector 250 Wing assembly #0101591



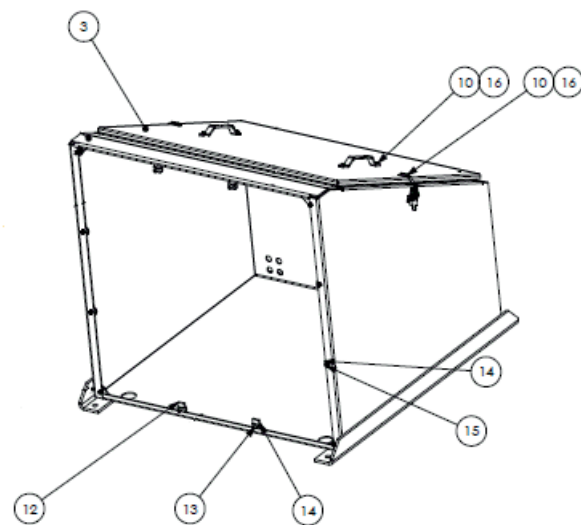
Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	0101967	Seal O-ring String Nitril 4,5mm	0,11	m	LRU
2	0100257	Spring 8x35x1,8mm	4	pc	LRU
3	0101556	Selector 250 Blocking element	1	pc	LRU
4	0101564	Selector 250 Spring Holder	1	pc	LRU
5	91608104	Screw Set M8x10	4	pc	LRU
6	0100060	Screw Headless 50xM8	4	pc	LRU
7	69230804	Nut Grooved M8	2	pc	LRU

CCS Conn Set CF4000/60L-CF32 #0101618



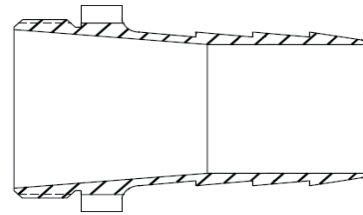
Position	Number	Item Name	Quantity	Unit	BOM/LRU
2	12 480 64	MntEq Nipple PG13,5 w/ restrainer	2	pc	LRU
4	1090362	Cable PFSK 12x0,22 Shilded MK	20	m	LRU
6	0101557	Selector 60L CF32 Sensor Plate	1	pc	LRU
	10051	Inductive Sensor E2A-S08KS02-WPC 12M	7	pc	LRU
	15 516 56	Nut Counter PG 13,5	2	pc	LRU

Cabinet CF4000/1000 #20164



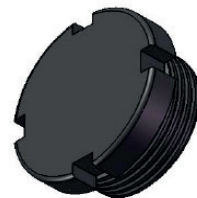
Position	Number	Item Name	Quantity	Unit	BOM/LRU
3	0102855	Cover 90mm Distributor	1	pc	LRU
10	91206124	Screw Hex Socket M6x12	12	pc	LRU
12	0103068	Fastening Bracket for Selector front	4	pc	LRU
13	93310254	Screw Hex Head M10x25	4	pc	LRU
14	90211204	Washer M12	12	pc	LRU
15	93310204	Screw Hex Head M10x20	8	pc	LRU
16	9850604	Nut Nylock M6	12	pc	LRU
	0100365	MntEq FstClip Spring Claw SS	2	pc	LRU

Selector CF250 - Pipe Nipple #0101574



Position	Number	Item Name	Quantity	Unit	BOM/LRU
	0101574	Selector CF250 - Pipe Nipple	1	pc	LRU

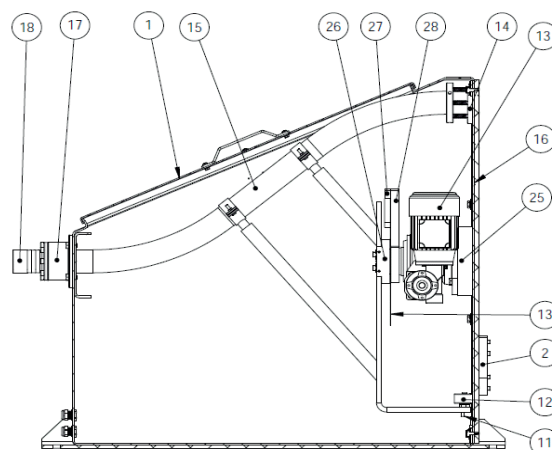
Selector CF250 Blocking Cap #0101596



Position	Number	Item Name	Quantity	Unit	BOM/LRU
	0101596	Selector CF250 - Blocking Cap	1	pc	LRU

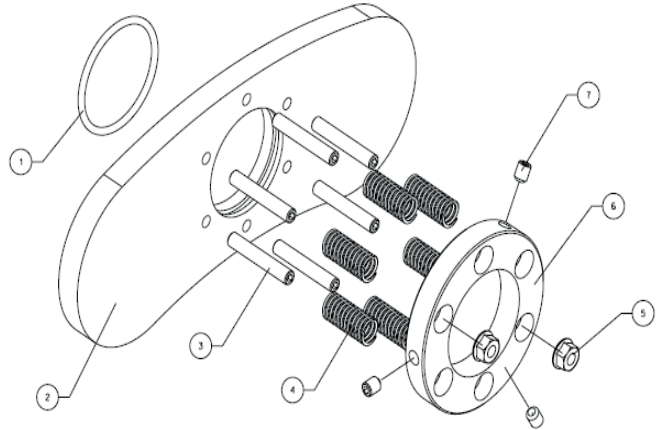
Selector Valve CF63 L32

w/ External Control Box #0102639



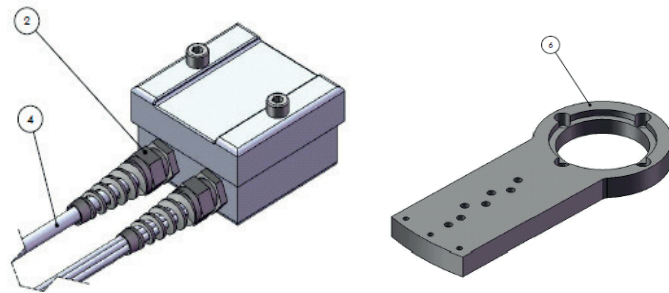
Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	20164	Cabinet CF4000/1000	1	pc	LRU
2	20008	Cover CF4000/1000/250-24/48L	1	pc	LRU
11	20041	Eccentric bolt CF4000/1000/250	1	pc	LRU
12	20042	Support Sheave CF4000/1000/250	1	pc	LRU
13	10083	Motor/Gear CF4000/1000-24L	1	pc	LRU
13	0101331	Index-disc, Selector 1000/32L	4	pc	LRU
14	0100605	Wing Assembly CF1000-24L	1	pc	BOM page 10
15	0101325	S-Tube Assembly CF1000-32L	1	pc	LRU
16	0101551	Selector 1000/32L Base Plate	1	pc	LRU
17	0101552	Selector CF63 - Inlet House	1	pc	LRU
18	0101553	Selector CF63 - Inlet Nipple	1	pc	LRU
25	0100094	MntEq DistElem Ø180	1	pc	LRU
26	20168	Boss index CF4000/1000	1	pc	LRU
27	20172	Support Plate CF4000/1000-24L	1	pc	LRU
28	20173	Distance Ring CF4000/1000-24L	1	pc	LRU
	0100594	CCS Conn. Set CF4000/1000-24L	1	pc	BOM page 10
	0100365	MntEq FstClip Spring Claw SS	2	pc	LRU
	10329	Axle-key 8x7x90 mm	1	pc	LRU
	10063	Lock-ring A-10	1	pc	LRU
	0102299	MntEq Nipple M20x1,5	4	pc	LRU
	0102300	Nut Counter M20x1,5	4	pc	LRU
	13 461 20	Clamp ABMS	6	pc	LRU
	20027	Secure Wire CF4000/1000/250	1	pc	LRU
	0100184	MntEq Nipple EMC M20 8-11mm	1	pc	LRU
	0100578	MntEq Nipple Adapter M25 - M20	1	pc	LRU
	0100197	Cable 4x1,5 PVC-JZ, EMC	2,2	m	LRU
	20169	Drive Shaft CF4000/1000-24L	1	pc	LRU
	20177	Lock Plate CF4000/1000-24L	1	pc	LRU
	0100602	Seal O-Ring Ø63,5x7mm NBR	2	Pc	LRU
	0100197	Cable 4x1,5 PVC-JZ, EMC	20	m	LRU

Wing Assembly CF1000-24L #0100605



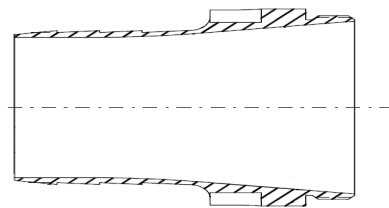
Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	0100599	Seal O-Ring Ø59x4	1	pc	LRU
2	0100081	Selector 1000 Blocking Element	1	pc	LRU
3	0100060	Screw Headless 50xM8	6	pc	LRU
4	0100275	Spring, 8x35x1,8mm	6	pc	LRU
5	69230804	Nut Grooved M8	2	pc	LRU
6	0100082	Springholder CF1000-24L	1	pc	LRU
7	91608104	Screw Set M8x10	3	pc	LRU

CCS Conn Set CF4000/1000-24L #0100594



Position	Number	Item Name	Quantity	Unit	BOM/LRU
2	12 480 64	MntEq Nipple PG13,5 w/restrainer	2	pc	LRU
4	1090362	Cable PFSK 12x0,22 Shielded MK	2,5	m	LRU
6	20174	Mounting Plate CF4000/1000-24L	1	pc	LRU
	10051	Inductivesensor E2A-S08KS02-WPC 12M	6	pc	LRU
	12 516 56	Nut Counter PG13,5	2	pc	LRU

No. of Connected Pipes #0100951



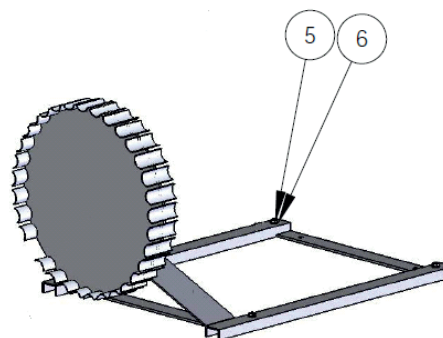
Position	Number	Item Name	Quantity	Unit	BOM/LRU
	10201	Half Pipe covering plate 63mm	1	pc	LRU
	10299	Hose Clamp HPJ 63-70mm	2	pc	LRU
	0100079	Pipe Nipple, Selector CF63 L24	1	pc	LRU

Blocking Cap CF63 #0100756



Position	Number	Item Name	Quantity	Unit	BOM/LRU
	0100756	Blocking Cap CF63		pc	LRU

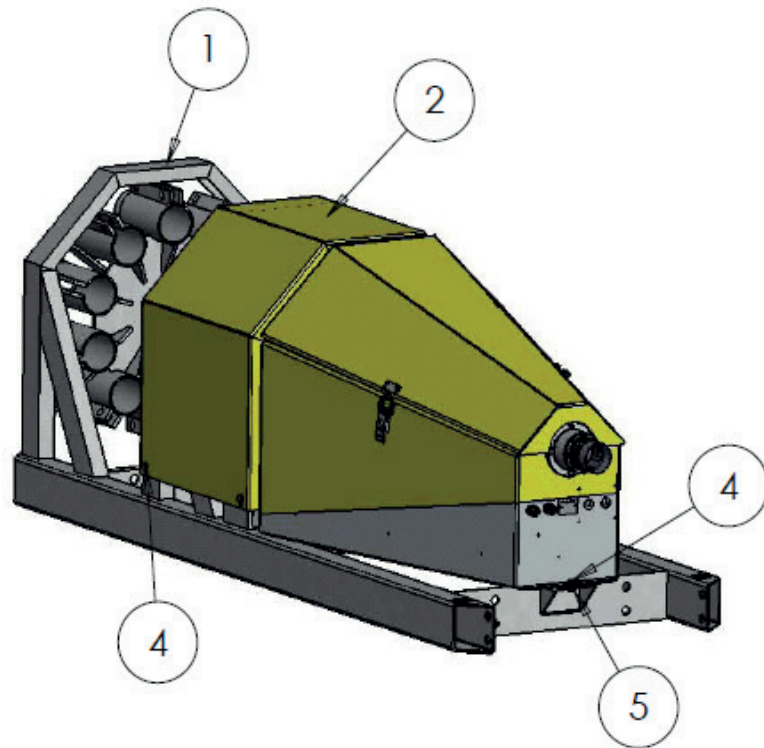
Pipe Restrainer CF63 32L #60025



Position	Number	Item Name	Quantity	Unit	BOM/LRU
	60025	Pipe restrainer CF63 32L	1	pc	LRU
5	93316254	Screw Hex Head M16x25	4	pc	LRU
6	12125162	Washer M16	4	pc	LRU

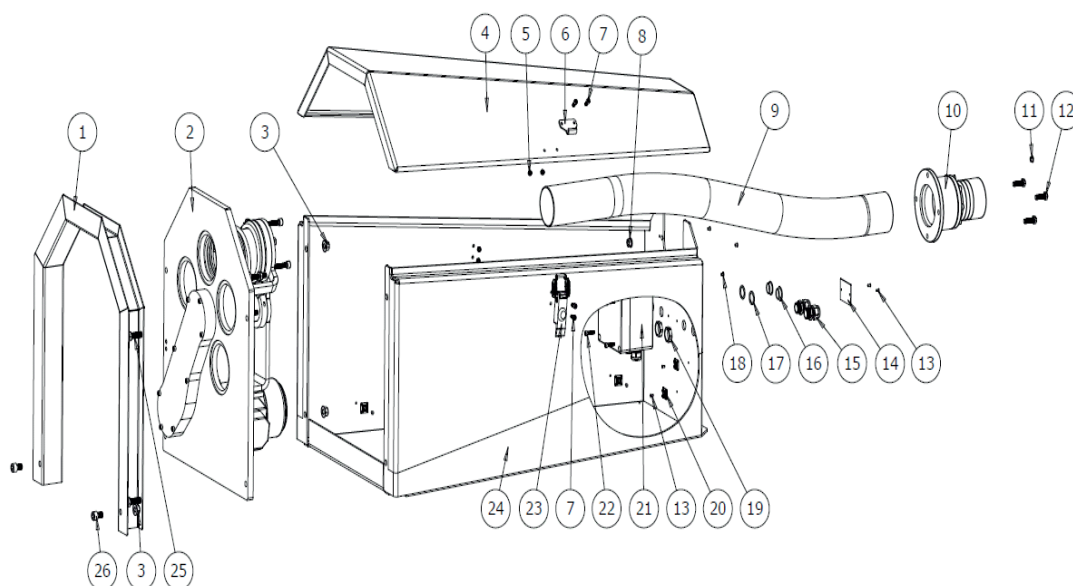
Selector CF90 4L

Assy KIT Restrainer 4L CF90 Double w/clamps #10002476



Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	0103843	Restrainer 4L CF90 Double w/clamps	1	pc	LRU
2	0103881	Selector 4L - Cover Restrainer	1	pc	LRU
4	93310204	Screw Hex Head M10x20	5	pc	LRU
5	69231004	Nut Grooved M10	1	pc	LRU

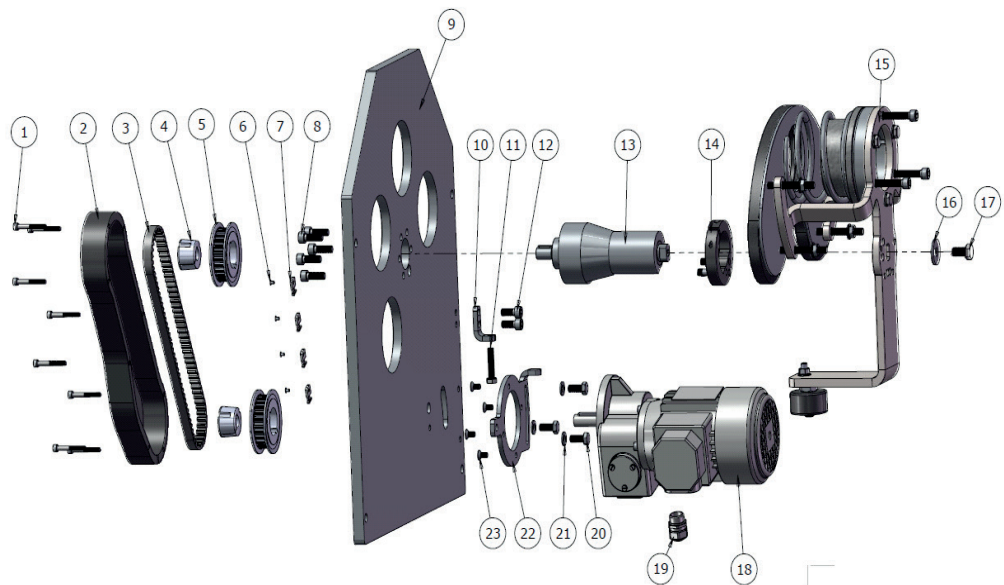
Selector 4L CF90 w/ External Control Box #0103910



Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	0103835	Selector 4L – Channel	1	pc	LRU
2	0103908	Selector 4L CF90 20m - Core Assy	1	pc	BOM page 14
3	69231004	Nut Grooved M10	6	pc	LRU
4	0103882*	Selector 4L – Cover	1	pc	LRU
5	9850504*	Nut Nylock M5	8	pc	LRU
6	0100366*	MntEq FstBracket Catchplate SS	2	pc	LRU
7	91205104*	Screw Hex Socket M5x10	8	pc	LRU
8	69230804	Nut Grooved M8	3	pc	LRU
9	0103767	S-Pipe 4L CF90	1	pc	LRU
10	0103189	Selector CF90 Inlet Connection	1	pc	BOM page 17
11	0103757	MntEq Ld-Pe Plug Ø8,8	1	pc	LRU
12	93308254	Screw Hex Head M8x25	3	pc	LRU
15	0102299	MntEq Nipple M20x1,5	2	pc	LRU
16	0100943	Blindplug M20	2	pc	LRU
17	0103114	Gasket for M20x1,5 Nipple	2	pc	LRU
18	0103343	MntEq Ld-Pe Plug Ø4,6	3	pc	LRU
19	0102300	Nut Counter M20x1,5	2	pc	LRU
20	13 461 20	Clamp ABMS	6	pc	LRU
21	0103018	Connection Box for Selector	1	pc	LRU
22	91205204	Screw Hex Socket M5x20	4	pc	LRU
23	0100365	MntEq FstClip Spring Claw SS	2	pc	LRU
24	0103876	Selector 4L – Cabinet	1	pc	LRU
25	93310304	Screw Hex Head M10x30	4	pc	LRU
26	91210164	Screw Hex Socket M10x16	2	pc	LRU

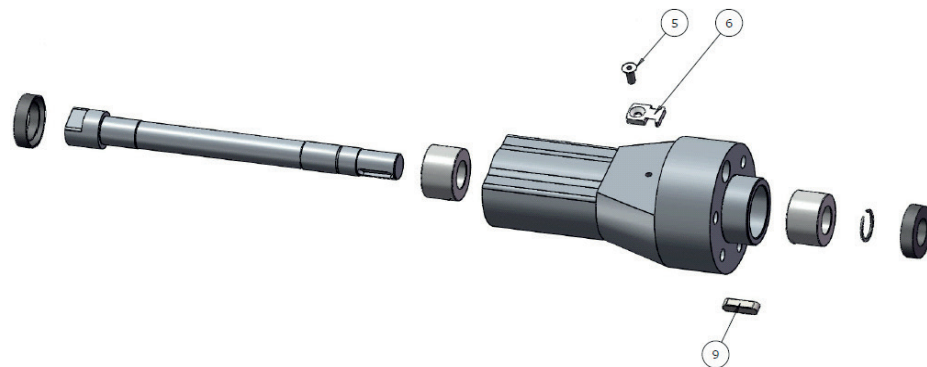
*When purchase of item 0103882, please remember to add position 5, 6, 7 and label item 0102499

Selector 4L CF90 20m Core Assembly #0103908



Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	0104212	Screw Hex Socket M5x45	8	pc	LRU
2	0103905	Selector 4L - Belt Cover	1	pc	LRU
3	0103917	Belt Polychain 8MGTC 720-12	1	pc	LRU
4	0104133	Bushing 1108/14	2	pc	LRU
5	0103916	Pulley Polychain 8M 25S 12 PB	2	pc	LRU
8	91208254	Screw Hex Socket M8x25	5	pc	LRU
9	0106168	Selector – Baseplate 4L CF90 MKII	1	pc	LRU
10	0103897	Selector 4L - Bracket II	1	pc	LRU
11	93308354	Screw Hex Head M8x35	1	pc	LRU
12	91208204	Screw Hex Socket M8x20	2	pc	LRU
13	0103909	Selector 4L - Center Assy	1	pc	BOM page 15
14	0104141	Selector 4L – Sensor Holder Assy	1	pc	BOM page 15
15	0104140	Selector 4L CF90 – Arm Assy	1	pc	BOM page 16
16	90211004	Washer M10 D=30	1	pc	LRU
17	93310204	Screw Hex Head M10x20	1	pc	LRU
18	0104130	Motor/Gear Selector 4L 0,09kW Ø14x45 IP56	1	pc	LRU
19	0100184	MntEq Nipple EMC M20 8-11mm	1	pc	LRU
20	93308204	Screw Hex Head M8x20	3	pc	LRU
21	1250804	Washer M8	3	pc	LRU
22	0103896	Selector 4L - Bracket I	1	pc	LRU
23	0104138	Screw Flat Socket Hex M6x12	4	pc	LRU

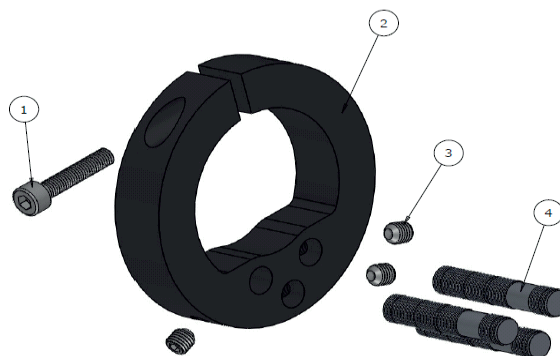
Selector 4L Center Assembly #0103909



Position	Number	Item Name	Quantity	Unit	BOM/LRU
5	0104214	Screw Flat Socket Hex M4x10	1	pc	LRU
6	0104121	MntEq FstClip LPMS-S8-C	1	pc	LRU
9	0104128	Axle-key 5x5x20mm SS A2	1	pc	LRU

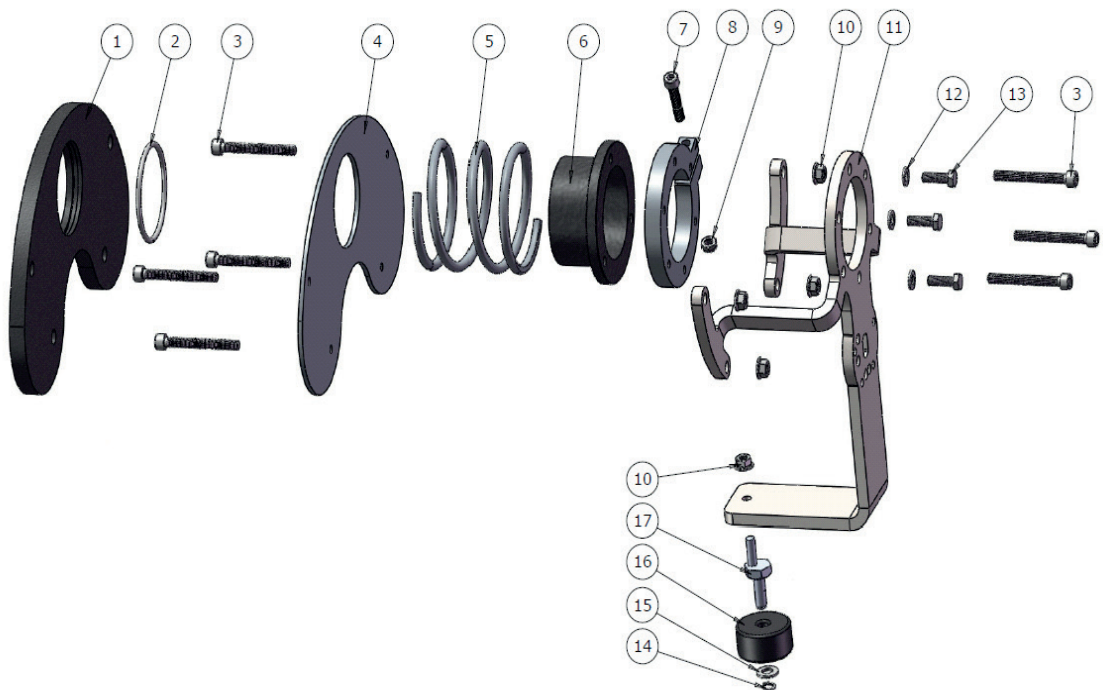
Dismantling this piece shall only be done by a certified AKVA group service technician
at a AKVA group service facility

Sensor Holder Assembly #0104141



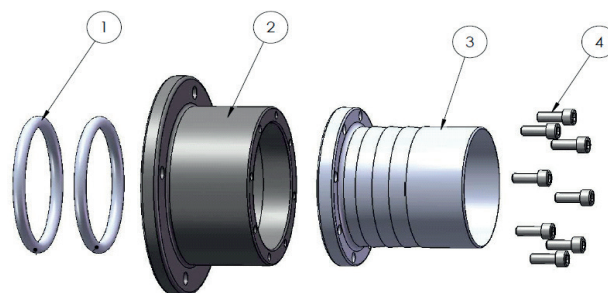
Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	91205254	Screw hex Socket M5x25	1	pc	LRU
2	0103895	Selector 4L – Sensor Holder	1	pc	LRU
3	91606064	Screw Set M6x6	3	pc	LRU
4	0103913	Inductive Sensor E2A-S08KS02-M5-C1 OMC	3	pc	LRU
	0103914	Cable Inductive Sensor	3	pc	LRU

Selector 4L CF90 Arm Assembly #0104140



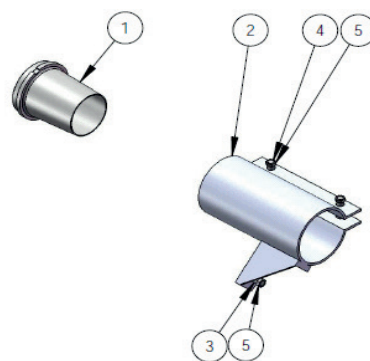
Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	0103818	Selector 4L CF90 – Wing	1	pc	LRU
2	0100058	Seal O-Ring 75x4	1	pc	LRU
3	91208704	Screw Cyl Hex Head M8x70	7	pc	LRU
4	0103898	Selector 4L CF90 - Wing Support	1	pc	LRU
5	0103312	Selector 10L CF90 – Spring	1	pc	LRU
6	0103286	Selector 10L CF90 – Bushing	1	pc	LRU
8	0103758	Selector CF90 - Pipe Clamp	1	pc	LRU
9	9850804	Nut Nylock M8	1	pc	LRU
10	69230804	Nut Groved M8	5	pc	LRU
11	0103821	Selector 4L CF90 – Arm	1	pc	LRU
12	1250804	Washer M8	3	pc	LRU
13	93308254	Screw Hex Head M8x25	3	pc	LRU
14	10063	Lock-ring A-10	1	pc	LRU
15	1251004	Washer M10	1	pc	LRU
16	20042	Support Sheave CF4000/1000/250	1	pc	LRU
17	20041	Eccentric Bolt CF4000/1000/250	1	pc	LRU

Selector CF90 Inlet Connection #0103189



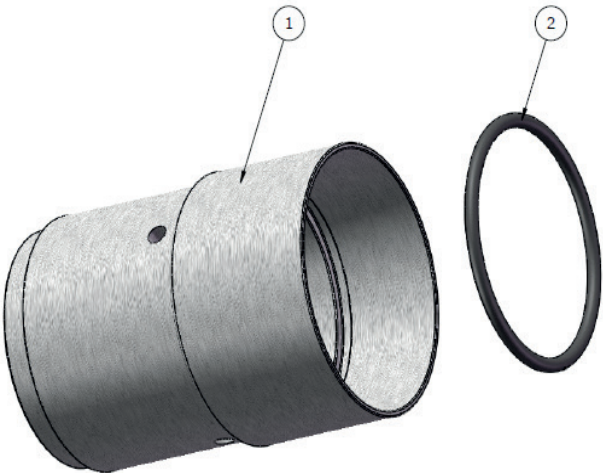
Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	0100059	Seal O-Ring Ø79x7	2	pc	LRU
2	0101484	Selector CF90 - Inlet House	1	pc	LRU
3	0101485	Selector CF90 - Inlet Nipple	1	pc	LRU
4	91206164	Screw Hex Socket M6x16	8	pc	LRU

No. of Connected Pipes #0101195



Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	0101040	Selector CF90 – Pipe Nipple	1	pc	LRU
2	0101183	VariSelector Pipe Clamp, aluminium	1	pc	LRU
3	93310304	Screw Hex Head M10x30	2	pc	LRU
4	93310404	Screw Hex Head M10x40	2	pc	LRU
5	9851004	Nut Nylock M10	4	pc	LRU

Selector CF90 - Pipe nipple Inverted Assy #10002185



Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	10002185	Selector CF90 - Pipe Nipple Inverted Assy	1	pc	LRU
2	10002184	Seal O-ring Ø88 27x5,33 NBR 90	1	pc	LRU

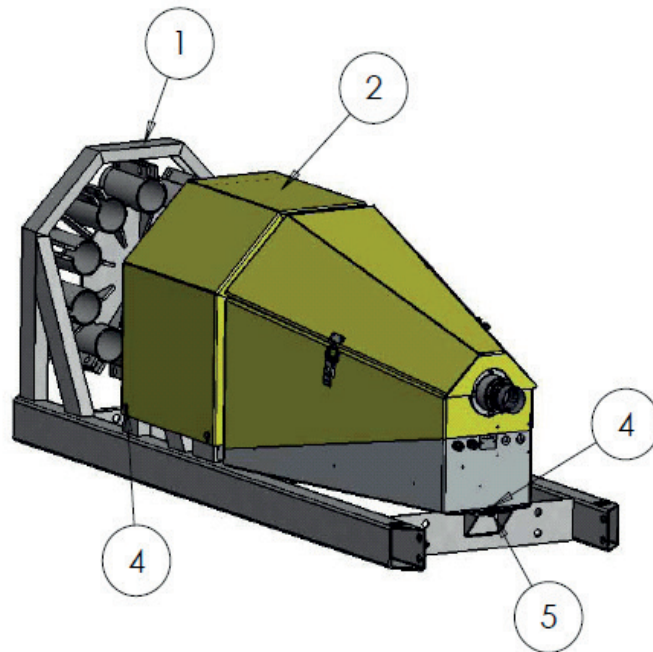
Blocking Cap CF90 #20165



Position	Number	Item Name	Quantity	Unit	BOM/LRU
	20165	Blocking Cap CF90	1	pc	LRU

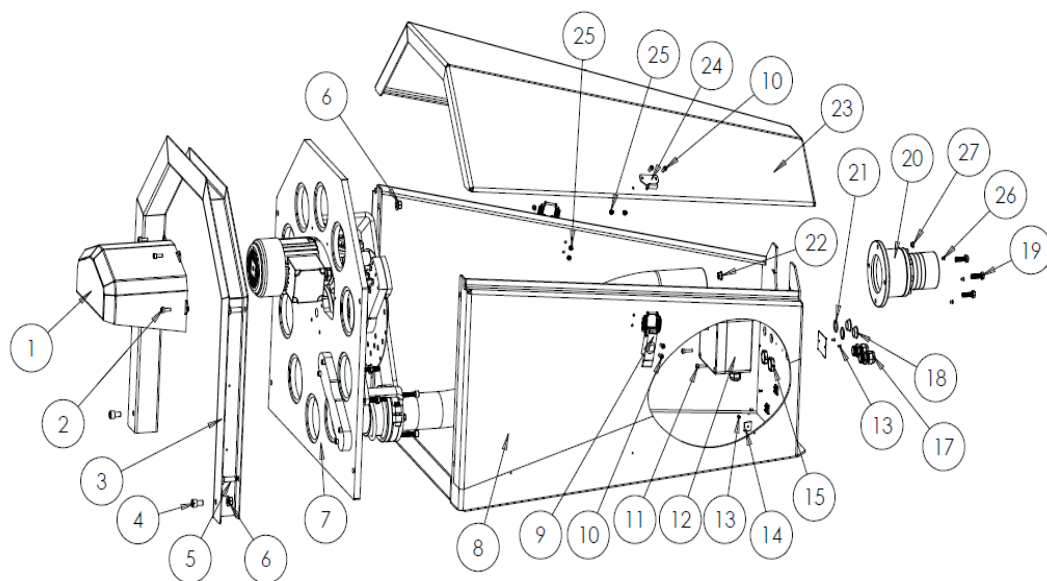
Selector CF90 10L

Assy KIT Restrainer 10L CF90 Double w/clamps #10002477



Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	0102228	Restrainer 10L CF90 Double w/clamps	1	pc	LRU
2	0101173	Selector - Cover Restrainer	1	pc	LRU
4	93310204	Screw Hex Head M10x20	5	pc	LRU
5	69231004	Nut Groved M10	1	pc	LRU
	0104181	Nut M16 FZV	8	pc	LRU
	0103735	Screw Hex Head M12x40	20	pc	LRU
	1251004	Washer M10	4	pc	LRU

Selector CF90 10L MKII w/ External Control Box #0103315

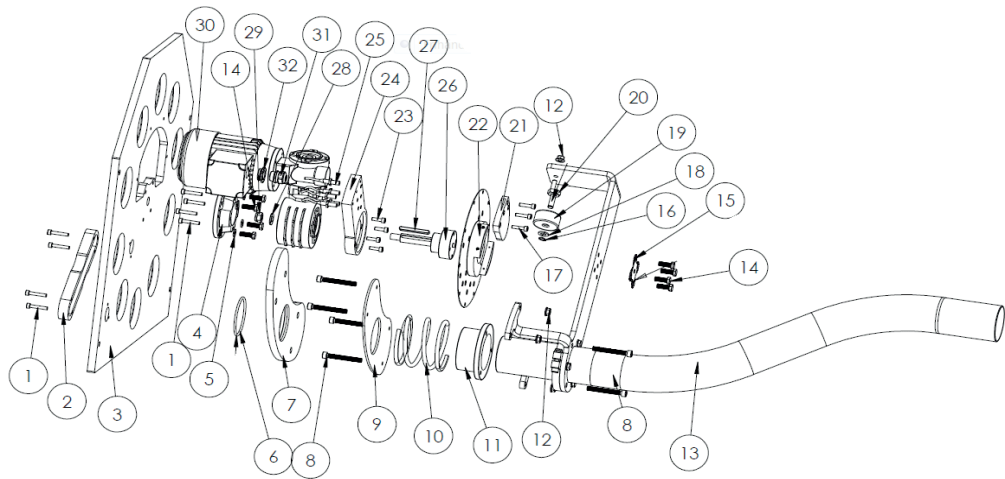


Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	0103316	Selector 10L CF90 – Motor Cover	1	pc	LRU
2	91206164	Screw Hex Socket M6x16	4	pc	LRU
3	0101174	Selector – Channel	1	pc	LRU
4	91210164	Screw Hex Socket M10x16	2	pc	LRU
5	93310304	Screw Hex Head M10x30	4	pc	LRU
6	9851004	Nut Nylock M10	6	pc	LRU
7	0103247	Selector CF90 10L 20m – Core Assy MKII	1	pc	BOM page 21
8	0103035	Selector – Combi Cover	1	pc	LRU
9	0100365	MntEq FstClip Spring Claw SS	2	pc	LRU
10	91205104*	Screw Hex Socket M5x10	8	pc	LRU
11	91205204	Screw Hex Socket M5x20	4	pc	LRU
12	0103018	Connection Box for Selector	1	pc	LRU
13	10404	Pop-rivets 3,2x7 mm	7	pc	LRU
14	13 461 20	Clamp ABMS	5	pc	LRU
15	0102300	Nut Counter M20x1,5	2	pc	LRU
17	0102299	MntEq Nipple M20x1,5	2	pc	LRU
18	0100943	Blindplug M20	2	pc	LRU
19	93308254	Screw Hex Head M8x25	3	pc	LRU
20	0103189	Selector CF90 Inlet Connection	1	pc	BOM page 17
21	0103114	Gasket for M20x1,5 Nipple	2	pc	LRU
22	69230804	Nut Grooved M8	3	pc	LRU
23	0103065*	Selector – Combi Cover	1	pc	LRU
24	0100366*	MntEq FstBracket Catchplate SS	2	pc	LRU
25	9850504*	Nut Nylock M5	8	pc	LRU
26	0103343	MntEq Ld-Pe Plug Ø4,6	3	pc	LRU
27	0103757	MntEq Ld-Pe Plug Ø8,8	1	pc	LRU

*When purchase of item 0100103065, please remember to add position 10, 24, 25 and label item 0102499

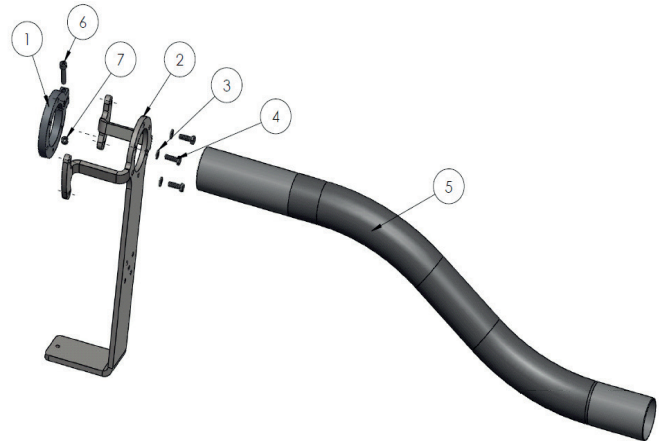
Core Assembly MKII

#0103247



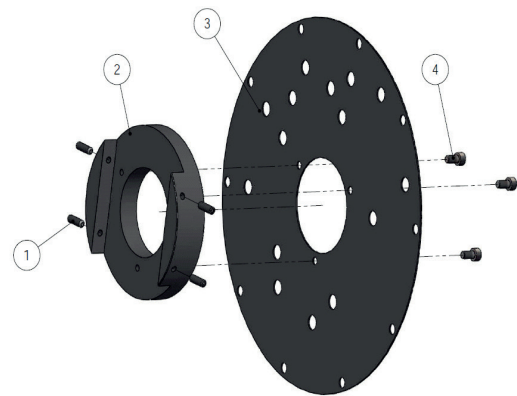
Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	91206354	Screw Hex Socket M6x35	8	pc	LRU
2	0103046	Selector 8L CF110 – Cable Cover	1	pc	LRU
3	0103248	Selector CF90 10L – Baseplate MKII	1	pc	LRU
4	0103049	Selector 8L CF110 – Spacer	1	pc	LRU
5	1250804	Washer M8	4	pc	LRU
6	0100058	Seal O-Ring Ø75x4mm NBR	1	pc	LRU
7	0103190	Selector CF90 10L – Wing MKII	1	pc	LRU
8	91208704	Screw Hex Socket M8x70	7	pc	LRU
9	0103287	Selector CF90 10L – Wing Support MKII	1	pc	LRU
10	0103312	Selector 10L CF90 – Spring	1	pc	LRU
11	0103286	Selector 10L CF90 – Bushing	1	pc	LRU
12	69230804	Nut Grooved M8	5	pc	LRU
13	0103187	Selector CF90 10L – S-Pipe Assy MKII	1	pc	BOM page 22
14	93308254	Screw Hex Head M8x25	8	pc	LRU
15	20177	Lock plate CF4000/1000-24L	1	pc	LRU
16	10063	Lock Ring A-10	1	pc	LRU
17	91206254	Screw Hex Socket M6x25	3	pc	LRU
18	1251004	Washer M10	4	pc	LRU
19	20042	Support Sheave CF4000/1000/250	1	pc	LRU
20	20041	Eccentric Bolt CF4000/1000/250	1	pc	LRU
21	0103050	Selector – Support Plate	1	pc	LRU
22	0103250	Selector CF90 10L – Binary Plate Assy MKII	1	pc	BOM page 22
23	91206204	Screw Hex Socket M6x20	4	pc	LRU
24	0103042	Selector – Sensor Plate	1	pc	LRU
25	10051	Inductive sensor E2A-SO8KSO2-WPC 12M	5	pc	LRU
26	0103036	Selector 8L CF110 – Axle	1	pc	LRU
27	10060	Axle-key 6x6x60mm	1	pc	LRU
28	1251204	Washer M12	1	pc	LRU
29	9851204	Nut Nylock M12	1	pc	LRU
30	0101097	Selector 10L CF90 – Motor/Gear	1	pc	LRU
31	0100184	MntEq Nipple EMC M20 8-11mm	1	pc	LRU
32	0100578	MntEq Nipple Adapter M25 – M20	1	pc	LRU
	0103436	S-Pipe 10L CF90 MKIII	1	pc	LRU

S-Pipe Assembly MKII #0103187



Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	0103758	Selector CF90 – Pipe Clamp	1	pc	LRU
2	0103184	Selector CF90 10L – Arm MKII	1	pc	LRU
3	1250804	Washer M8	3	pc	LRU
4	93308254	Screw Hex Head M8x25	3	pc	LRU
6	93308404	Screw Hex Head M8x40	1	pc	LRU
7	9850804	Nut Nylock M8	1	pc	LRU

Binary Plate Assembly MKII #0103250



Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	91605124	Screw Set M5x12	4	pc	LRU
2	0103040	Selector 8L/10L CF10/CF90 – Boss	1	pc	LRU
3	0103278	Selector CF90 10L – Binary Plate MKII	1	pc	LRU
4	91205104	Screw Hex Socket M5x10	3	pc	LRU

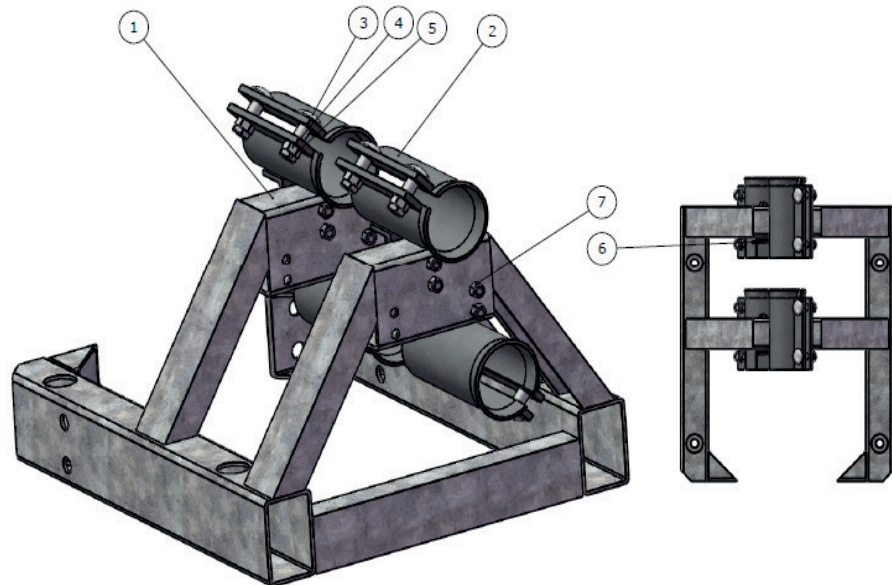
#0104219 Inlet Restrainer 10L-90 Complete, please see page 23

#0101195 No. of Connected Pipes, please see page 17

#20165 Blocking Cap CF63, please see page 18

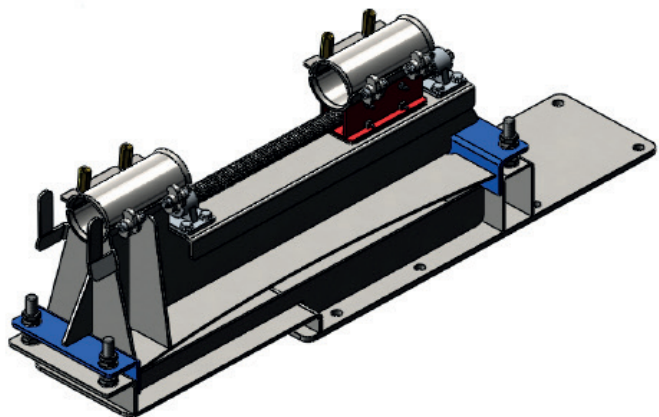
#10002185 Selector Cf90 - Pipe Nipple Inverted Assy please see page 18

Inlet Restrainer 10L-90, Complete #0104219



Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	0101704	Restrainer 10L CF90 - Inlet	1	pc	LRU
2	0101982	Restrainer 10L CF90 - Steel Clamp	4	pc	LRU
3	0102022	Screw M16x60 FZV	8	pc	LRU
4	0102026	Nut M16 FZV	8	pc	LRU
5	0104181	Nut M16 FZV	8	pc	LRU
6	10000894	Screw Hex Head M12x100 FZV	8	pc	LRU
7	0102769	Nut M12 FZV	8	pc	LRU

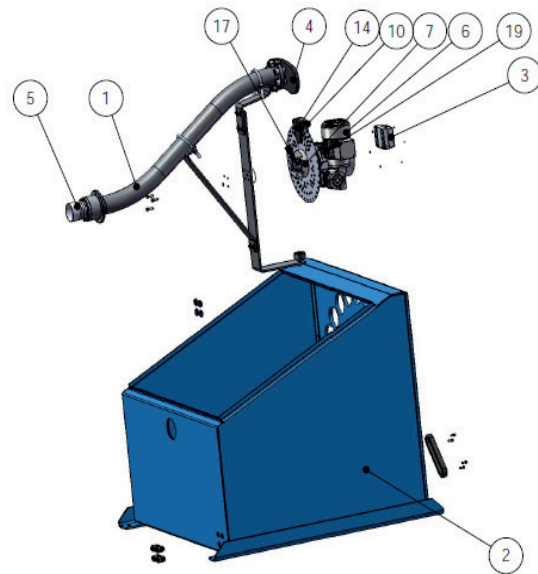
Single Restrainer CF90 ARCHIMEDES #10001924



Position	Number	Item Name	Quantity	Unit	BOM/LRU
	10001924	Single Restrainer CF90 ARCHIMEDES	1	pc	LRU
	10002004	Screw Hex Head M20x110 FZB	4	pc	LRU
	0102795	Washer M20 FZB	12	pc	LRU
	10002076	Nut M20 FZB	16	pc	LRU

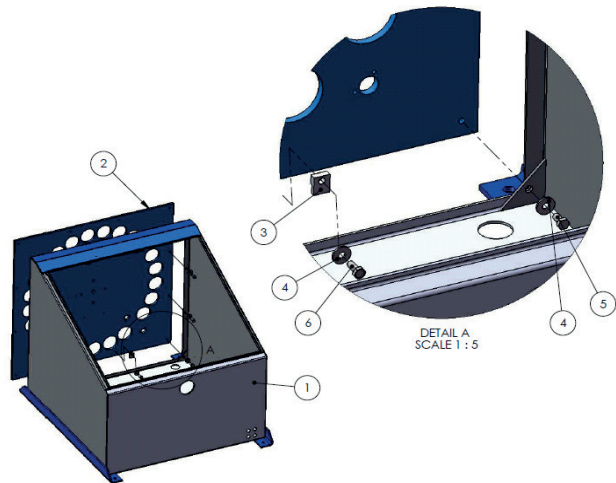
Selector CF90 24L

w/ External Control Box #0102637



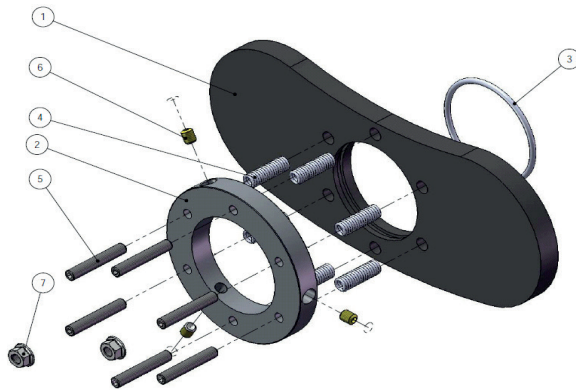
Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	0102841	Selector CF90 L24 S-Pipe Assy.	1	pc	LRU
2	0103188	Cabinet for Selector CF90 L24	1	pc	BOM page 25
3	0100594	CCS Conn. Set CF4000/1000-24L	1	pc	BOM page 10
4	0100052	Wing Assembly CF4000-24L	1	pc	BOM page 25
5	0103189	Selector CF90 inlet Connection	1	pc	BOM page 17
6	10083	Motor/Gear CF4000/1000-24L	1	pc	LRU
10	20156	Index-disc, Selector CF4000/1000-24L	1	pc	LRU
14	20172	Support Plate CF4000/1000-24L	1	pc	LRU
17	20177	Lock Plate CF4000/1000/250	1	pc	LRU
19	20173	Distance Ring CF4000/1000-24L	1	pc	LRU
	10329	Axle-key 8x7x90mm	1	pc	LRU
	20008	Cover CF4000/1000/250-24/48L	1	pc	LRU
	13 461 20	Clamp ABMS	6	pc	LRU
	20027	Secure Wire CF4000/1000/250	1	pc	LRU
	0100094	MntEq DistElem Ø180	1	pc	LRU
	20041	Eccentric Bolt CF4000/1000/250	1	pc	LRU
	20042	Support Sheave CF4000/1000/250	1	pc	LRU
	0100365	MntEq FstClip Spring Claw SS	2	pc	LRU
	20169	Drive Shaft CF4000/1000-24L	1	pc	LRU
	0100184	MntEq Nipple EMC M20 8-11mm	4	pc	LRU
	0100578	MntEq Nipple Adapter M25-M20	4	pc	LRU
	10063	Lock-ring A-10	1	pc	LRU

Cabinet for Selector CF90 L24 #0103188



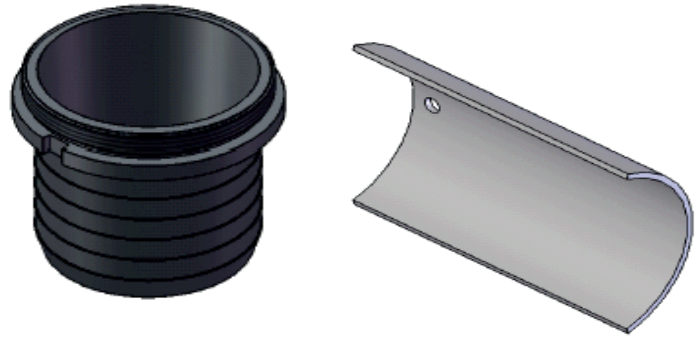
Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	20164	Cabinet CF4000/1000	1	pc	BOM page 7
2	0100093	Base Plate CF4000-24L	1	pc	LRU
3	0103068	Fastening Bracket for Selectorfront	4	pc	LRU
4	1251004	Washer M10	12	pc	LRU
5	93310204	Screw Hex Head M10x20	8	pc	LRU
6	93310254	Screw Hex Head M10x25	4	pc	LRU

Wing Assembly CF4000-24L #0100052



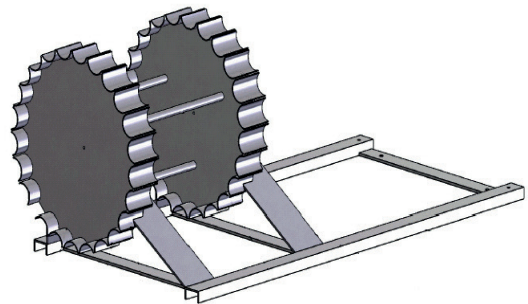
Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	20405	Blocking Element CF4000	1	pc	LRU
2	20400	Springholder CF4000-24L	1	pc	LRU
3	0100058	Seal O-ring Ø75x4mm NBR	1	pc	LRU
4	0100275	Spring 8x35x1,8mm	6	pc	LRU
5	0100060	Screw Headless 50xM8	6	pc	LRU
6	91608104	Screw Set M8x10	3	pc	LRU
7	69230804	Nut Grooved M8	2	pc	LRU

No. of Connected Pipes #60017



Position	Number	Item Name	Quantity	Unit	BOM/LRU
	20416	Tailpiece Selector Valve 4000	1	pc	LRU
	10200	Half Pipe Covering Plate 90mm	2	pc	LRU
	10301	Hose Clamp HPJ 90-100mm	4	pc	LRU

Pipe Restrainer 24L CF90 Double #0103888



Position	Number	Item Name	Quantity	Unit	BOM/LRU
	0103888	Restrainer 24L CF90 Double	1	pc	LRU

#01003189 CF90 Inlet Connection, please see page 17
 #20165 Blocking Cap CF63, please see page 18

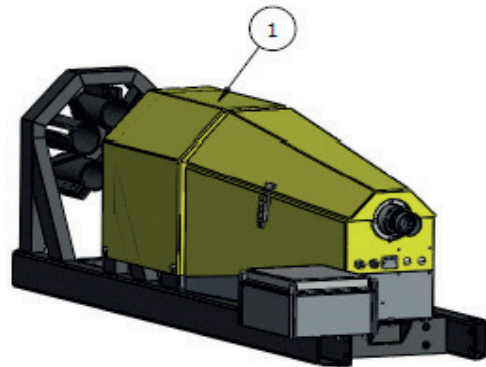
Tool Pipe Kit CF90 #10001241



Position	Number	Item Name	Quantity	Unit	BOM/LRU
	10000418	Tool pipe nipple CF90	1	pc	LRU
	10206	Molycote CU 7439 100gr	1	pc	LRU

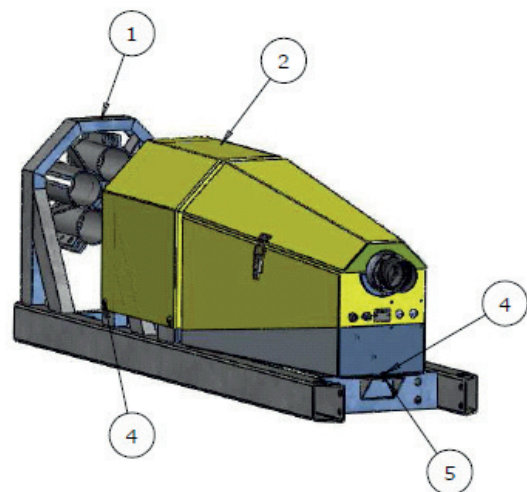
Selector CF110 4L

w/ Double Restrainer and Control Box #0104154



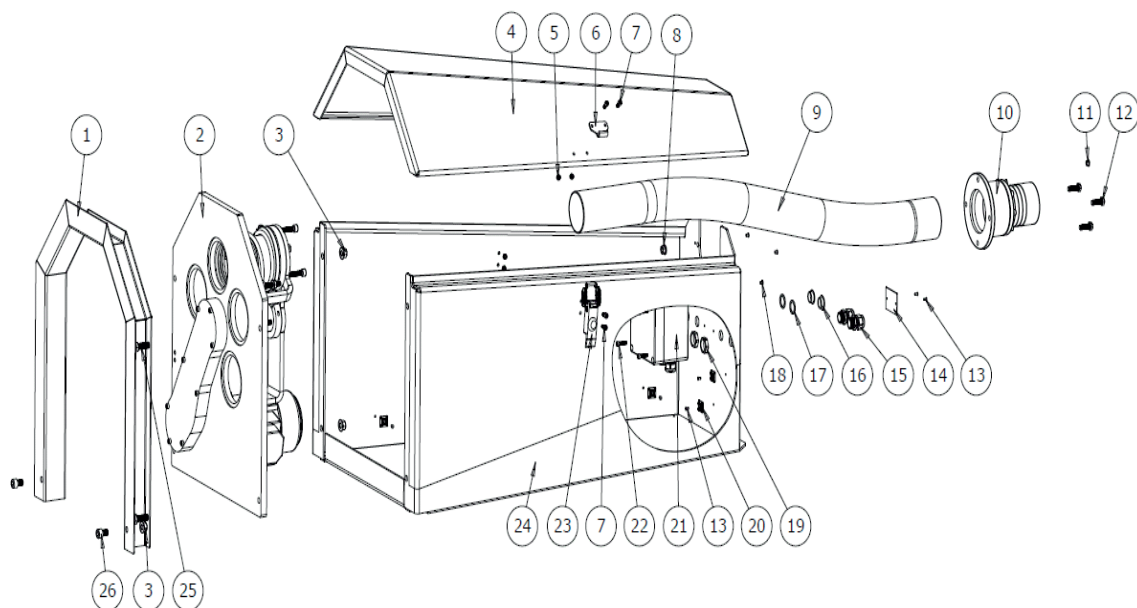
Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	0104151	Selector 4L CF110 wo/ Control Box	1	pc	BOM page 28
	0106767	Assy KIT Restrainer 4L CF110 Double clamps	1	pc	BOM page 27

Assy KIT Restrainer 4L CF110 Double clamps #0106767



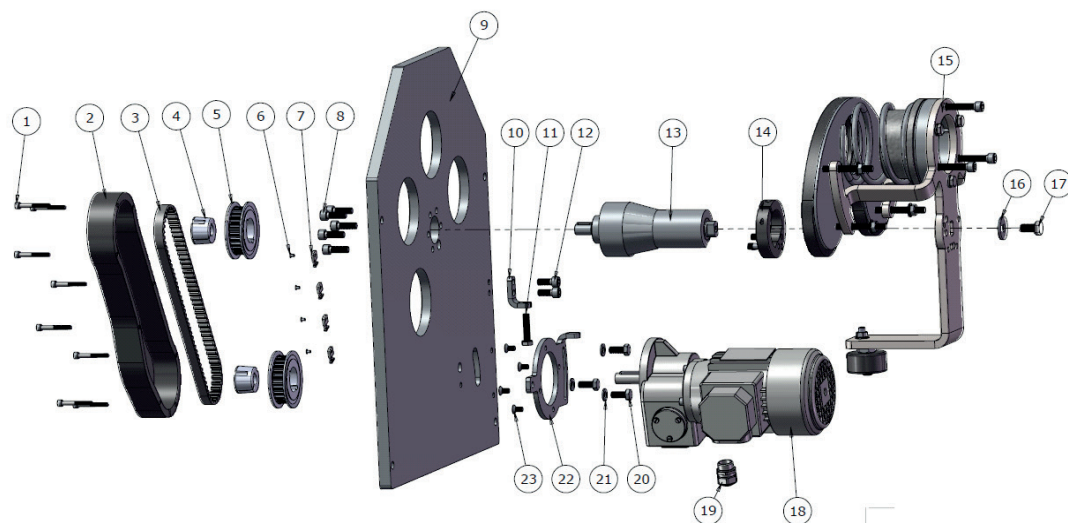
Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	0104087	Restrainer 4L CF110 Double w/clamps	1	pc	LRU
2	0103881	Selector 4L - Cover Restrainer	1	pc	LRU
4	93310204	Screw Hex Head M10x20	5	pc	LRU
5	69231004	Nut Grooved M10	1	pc	LRU
	1251004	Washer M10	4	pc	LRU

Selector CF110 4L w/ External Control Box #0104151



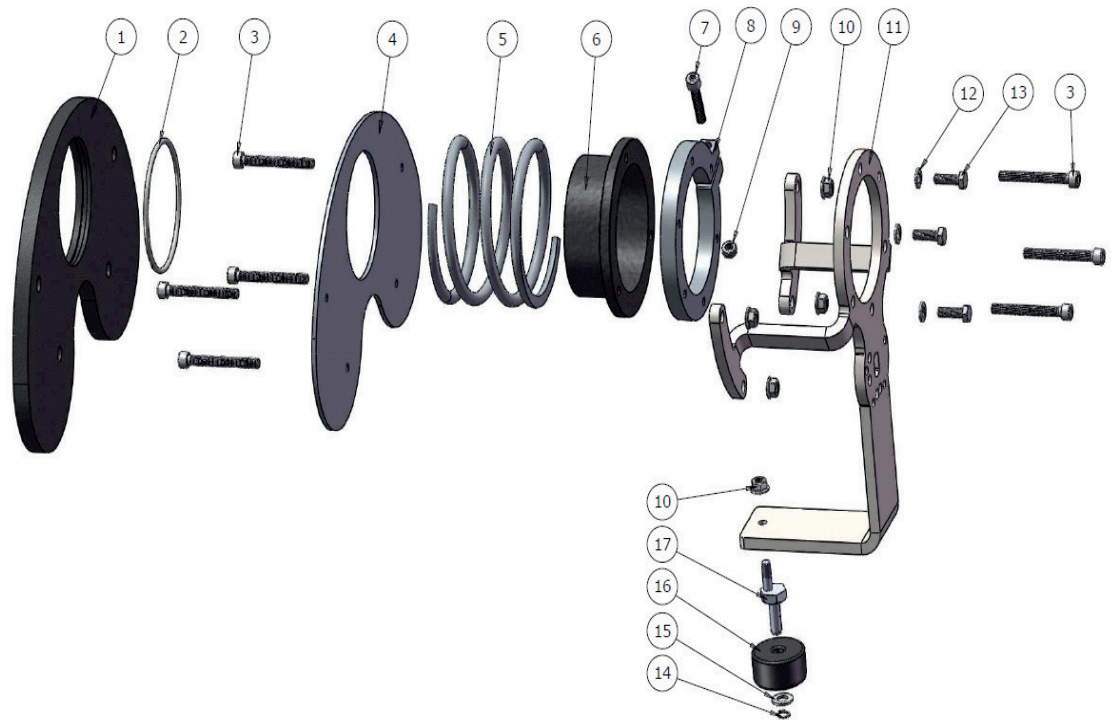
Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	0103835	Selector 4L – Channel	1	pc	LRU
2	0104150	Selector 4L CF110 20m - Core Assy	1	pc	BOM page 29
3	69231004	Nut Grooved M10	6	pc	LRU
4	0103882	Selector 4L – Cover	1	pc	LRU
5	9850504	Nut Nylock M5	8	pc	LRU
6	0100366	MntEq FstBracket Catchplate SS	2	pc	LRU
7	91205104	Screw Cyl Hex Head M5x10	8	pc	LRU
8	69230804	Nut Grooved M8	3	pc	LRU
9	0103768	S-Pipe 4L CF110	1	pc	LRU
10	0103045	Selector 8L CF110 Inlet Assy	1	pc	BOM page 31
11	0103757	MntEq Ld-Pe Plug Ø8,8	1	pc	LRU
12	93308254	Screw Hex Head M8x25	3	pc	LRU
13	10404	Pop-rivets 3,2x7 mm	8	pc	LRU
15	0102299	MntEq Nipple M20x1,5	2	pc	LRU
16	0100943	Blindplug M20	2	pc	LRU
17	0103114	Gasket for M20x1,5 Nipple	2	pc	LRU
19	0102300	Nut Counter M20x1,5	2	pc	LRU
20	13 461 20	Clamp ABMS	6	pc	LRU
21	0103018	Connection Box for Selector	1	pc	LRU
22	91205204	Screw Cyl Hex Head M5x20	4	pc	LRU
23	0100365	MntEq FstClip Spring Claw SS	2	pc	LRU
24	0103876	Selector 4L – Cabinet	1	pc	LRU
25	93310304	Screw Hex Head M10x30	4	pc	LRU
26	91210164	Screw Cyl Hex Head M10x16	2	pc	LRU

Selector CF110 4L 20m Core Assembly #0104150



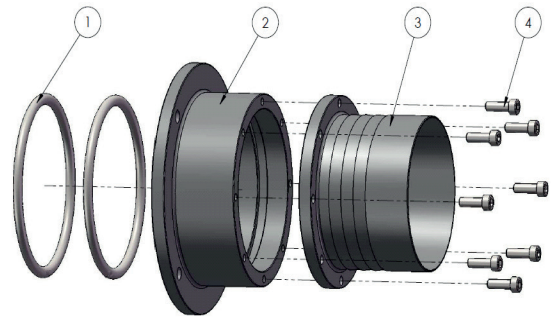
Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	0104139	Screw Hex Socket M5x40	8	pc	LRU
2	0103905	Selector 4L – Belt Cover	1	pc	LRU
3	0103917	Belt Polychain 8MGTC 720-12	1	pc	LRU
4	0104133	Busching 1108/14	2	pc	LRU
5	0103916	Pulley Polychain 8M 25S 12 PB	2	pc	LRU
6	0104136	Pop-rivet 3,2x5,3mm A4	4	pc	LRU
7	0104121	MntEq FstClip LPMS-S8-C	4	pc	LRU
8	91208254	Screw Hex Socket M8x25	5	pc	LRU
9	0104036	Selector 4L CF110 – Baseplate	1	pc	LRU
10	0103897	Selector 4L – Bracket II	1	pc	LRU
11	93308354	Screw Hex Head M8x35	1	pc	LRU
12	91208204	Screw Hex Socket M8x20	2	pc	LRU
13	0103909	Selector 4L – Center Assy	1	pc	BOM page 15
14	0104141	Selector 4L – Sensor Holder Assy	1	pc	BOM page 15
15	0104153	Selector 4L CF110 – Arm Assy	1	pc	Bom page 30
16	90211004	Washer M10	1	pc	LRU
17	93310204	Screw Hex Head M10x20	1	pc	LRU
18	0104130	Motor/Gear Selector 4L 0,09kW Ø14x45	1	pc	LRU
19	0100184	MntEq Nipple EMC M20 8-11mm	1	pc	LRU
20	93308204	Screw Hex Head M8x20	3	pc	LRU
21	1250804	Washer M8	3	pc	LRU
22	0103896	Selector 4L – Bracket I	1	pc	LRU
23	0104138	Screw Flat Socket Hex M6x12	4	pc	LRU

Arm Assembly #0104153



Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	0104034	Selector 4L CF110 – Wing	1	pc	LRU
2	10820	Seal O-Ring Ø100x4mm NBR	1	pc	LRU
3	91208704	Screw Hex Socket M8x70	7	pc	LRU
4	0104035	Selector 4L CF110 – Wing Support	1	pc	LRU
5	0103052	Selector 8L CF110 – Spring	1	pc	LRU
6	0103041	Selector 8L CF110 – Bushing	1	pc	LRU
7	93308354	Screw Hex Head M8x35	1	pc	LRU
8	0103756	Selector CF110 – Pipe Clamp	1	pc	LRU
9	9850804	Nut Nylock M8	1	pc	LRU
10	69230804	Nut Grooved M8	5	pc	LRU
11	0104033	Selector 4L CF110 – Arm	1	pc	LRU
12	1250804	Washer M8	3	pc	LRU
13	93308254	Screw Hex Head M8x25	3	pc	LRU
14	10063	Lock-ring A-10	1	pc	LRU
15	1251004	Wascher M10	1	pc	LRU
16	20042	Support Sheave CF4000/1000/250	1	pc	LRU
17	20041	Eccentric Bolt CF4000/1000/250	1	pc	LRU

Inlet Assembly #0103045



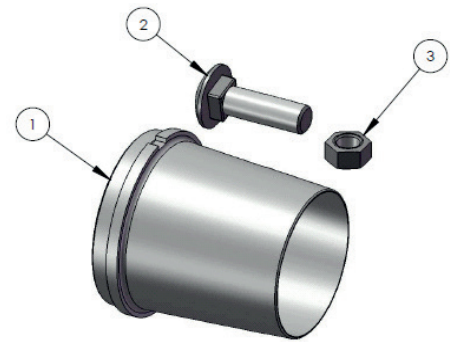
Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	0103078	Seal O-Ring Ø106x7mm NBR	2	pc	LRU
2	0103043	Selector 8L CF110 – Inlet House	1	pc	LRU
3	0103044	Selector 8L CF110 – Inlet Nipple	1	pc	LRU
4	91206204	Screw Hex Socket M6x20	8	pc	LRU

Blocking Cap #0103136



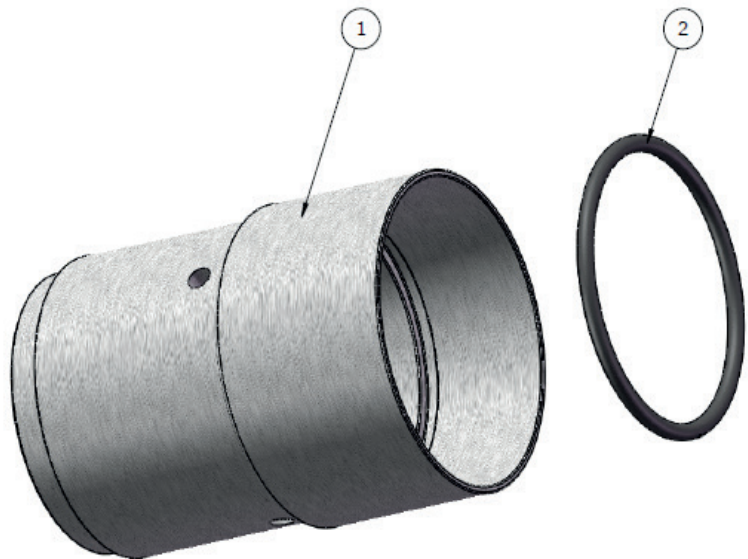
Position	Number	Item Name	Quantity	Unit	BOM/LRU
	0103136	Blocking Cap CF110	1	pc	LRU

No. of Connected Pipes CF110
#0103135



Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	0103053	Selector 8L CF110 – Pipe Nipple	1	pc	LRU
2	0102022	Screw M16x61 FZV	4	pc	LRU
3	0102026	Nut M6 FZV	4	pc	LRU
	0103735	Screw Hex Head M12x40	1	pc	LRU

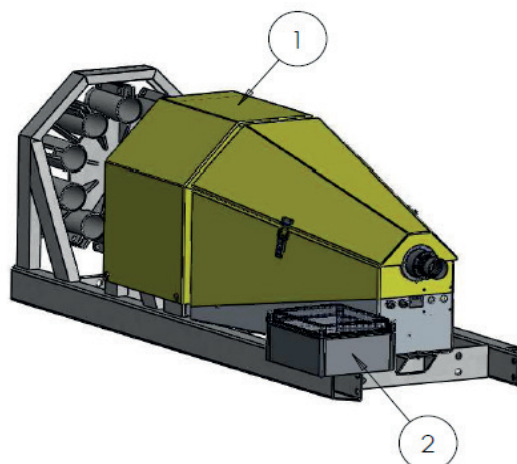
Selector CF110 Pipe Nipple Inv.
#10003621



Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	10002790	Selector CF110 - Pipe Nipple Inverted	1	pc	LRU
2	10000766	Seal O-ring Ø107,32 x 5,33 NBR	1	pc	LRU

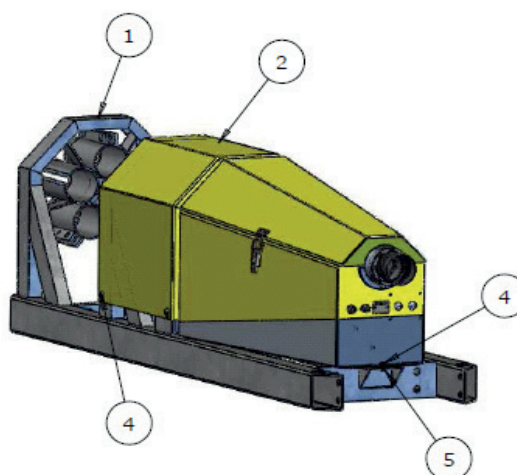
Selector CF110 8L

w/ Double Restrainer and Control Box #0103147



Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	0103064	Selector 8L CF110 wo Control Box	1	pc	BOM page 34
2	0101081	CCS Selector Vari Module MKII	1	pc	BOM page 37
	0106768	Assy KIT Restrainer 8L CF110 Double w/ clamps	1	pc	BOM page 33

Assembly KIT Restrainer 8L CF110 Double w/ clamps #0106768

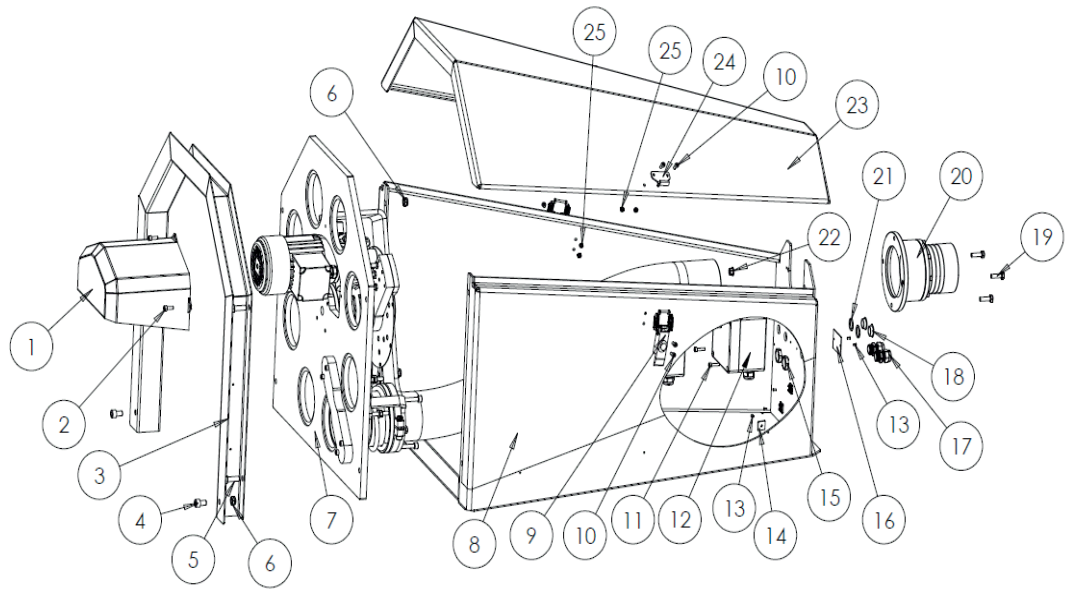


Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	0102771	Restrainer 8L CF110 Double w/clamps	1	pc	LRU
2	0101173	Selector - Cover Restrainer	1	pc	LRU
4	93310204	Screw Hex Head M10x20	5	pc	LRU
5	9851004	Nut Nylock M10	1	pc	LRU
	01251004	Washer M10	4	pc	LRU

Your Aquaculture Technology and Service Partner

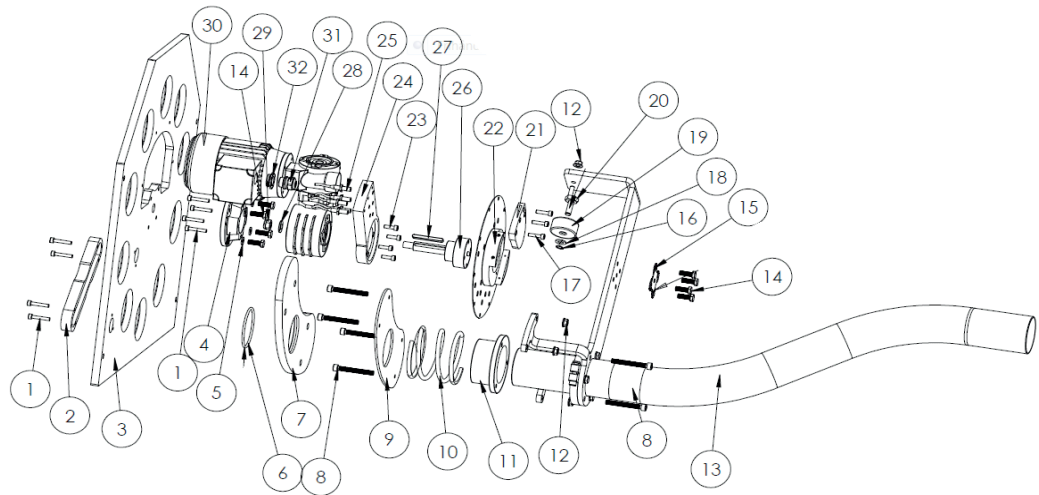
AKVAGROUP™

Selector CF110 8L w/ External Control Box #0103064



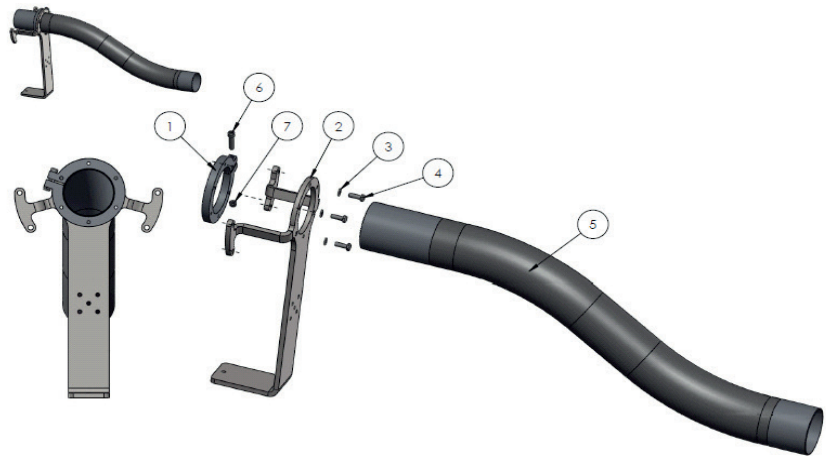
Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	0103030	Selector 8L CF110 - Motor Cover	1	pc	LRU
2	91206164	Screw Cyl Hex Head M6x16	3	pc	LRU
3	0101174	Selector - Channel	1	pc	LRU
4	91210164	Screw Cyl Hex head M10x16	2	pc	LRU
5	93310304	Screw Hex Head M10x30	4	pc	LRU
6	9851004	Nut Nylock M10	6	pc	LRU
7	0103067	Selector 8L CF110 15m- Core Assy.	1	pc	BOM page 35
8	0103035	Selector - Combi Cabinet	1	pc	LRU
9	0100365	MntEq FstClip Spring Claw SS	2	pc	LRU
10	91205104	Screw Cyl Hex Head M5x10	8	pc	LRU
11	91205204	Screw Cyl Hex Head M5x20	4	pc	LRU
12	0103018	Connection Box for Selector	1	pc	LRU
13	10404	Pop-rivets 3,2x7 mm	8	pc	LRU
14	13 461 20	Clamp ABMS	5	pc	LRU
15	0102300	Nut Counter M20x1,5	2	pc	LRU
17	0102299	MntEq Nipple M20x1,5	2	pc	LRU
18	0100943	Blindplug M20	2	pc	LRU
19	93308254	Screw Hex Head M8x25	3	pc	LRU
20	0103045	Selector 8L CF110 - Inlet Assy	1	pc	BOM page 31S
21	0103114	Gasket for M20x1,5 Nipple	2	pc	LRU
22	69230804	Nut Grooved M8	3	pc	LRU
23	0103065	Selector - Combi Cover	1	pc	LRU
24	0100366	MntEq FstBracket Catchplate SS	2	pc	LRU
25	9850504	Nut Nylock M5	8	pc	LRU
	0101173	Selector - Cover Restrainer Long 563mm	1	pc	LRU

Selector 8L CF110 20m Core Assembly #0103067



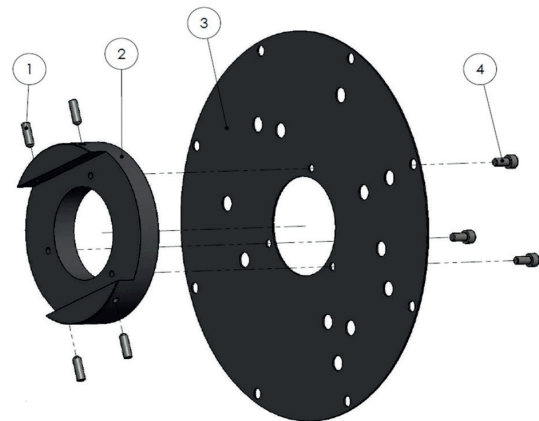
Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	91206354	Screw Cyl Hex Head M6x35	8	pc	LRU
2	0103046	Selector 8L CF110 - Cable Cover	1	pc	LRU
3	0103032	Selector 8L CF110 - Baseplate	1	pc	LRU
4	0103049	Selector 8L CF110 - Spacer	1	pc	LRU
5	1250804	Washer M8	4	pc	LRU
6	10820	Seal O-Ring 100x4mm NBR	1	pc	LRU
7	0103037	Selector 8L CF110 - Wing	1	pc	LRU
8	91208704	Screw Cyl Hex Head M8x70	7	pc	LRU
9	0103039	Selector 8L CF110 - Wing Support	1	pc	LRU
10	0103052	Selector 8L CF110 - Spring	1	pc	LRU
11	0103041	Selector 8L CF110 - Bushing	1	pc	LRU
12	69230804	Nut Grooved M8	5	pc	LRU
13	0103069	Selector 8L CF110 - S-Pipe Assy	1	pc	BOM page 36
14	93308254	Screw Hex Head M8x25	8	pc	LRU
15	20177	Lock Plate CF4000/1000-24L	1	pc	LRU
16	10063	Lock-ring A-10	1	pc	LRU
17	91206254	Screw Cyl Hex Head M6x25	3	pc	LRU
18	1251004	Washer M10	1	pc	LRU
19	20041	Eccentric Bolt CF4000/1000/250	1	pc	LRU
20	20042	Support Sheave CF4000/1000/250	1	pc	LRU
21	0103050	Selector - Support Plate	1	pc	LRU
22	0103079	Selector 8L CF110 - Binary Plate Assy	1	pc	BOM page 36
23	91206204	Screw Cyl Hex Head M6x20	4	pc	LRU
24	0103042	Selector - Sensor Plate	1	pc	LRU
25	10051	Inductivesensor E2A-S08KS02-WPC 12M	4	pc	LRU
26	0103036	Selector 8L CF110 - Axle	1	pc	LRU
27	10060	Axle-key 6x6x60 mm	1	pc	LRU
28	1251204	Washer M12	1	pc	LRU
29	9851204	Nut Nylock M12	1	pc	LRU
30	0103051	Selector 8L CF110 - Motor/Gear	1	pc	LRU
31	0100184	MntEq Nipple EMC M20 8-11mm	1	pc	LRU
32	0100578	MntEq Nipple Adapter M25 - M20	1	pc	LRU

S-Pipe Assembly #0103069



Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	0103756	Selector CF110 - Pipe Clamp	1	pc	LRU
2	0103038	Selector 8L CF110 - Arm	1	pc	LRU
3	1250804	Washer M8	3	pc	LRU
4	93308254	Screw Hex Head M8x25	3	pc	LRU
5	0103054	Selector 8L CF110 - S-Pipe	1	pc	LRU
6	91208404	Screw Cyl Hex Head M8x40	1	pc	LRU
7	9850804	Nut Nylock M8	1	pc	LRU

Binary Plate Assembly #0103079



Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	91605124	Screw Set M5x12	4	pc	LRU
2	0103040	Selector 8L CF110 - Boss	1	pc	LRU
3	0103048	Selector 8L CF110 - Binary Plate	1	pc	LRU
4	91205104	Screw Cyl Hex Head M5x10	3	pc	LRU

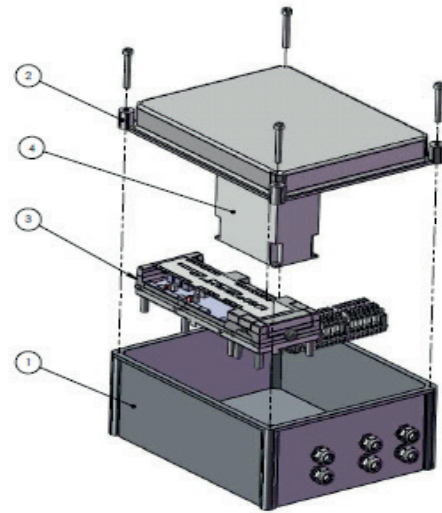
#0103135 No. of Connected Pipes CF110, please see page 32

#0103136 Blocking Cap CF110, please see page 31

#10003621 Selector CF110 Pipe nipple Inv, please see page 32

CCS Selector Vari Module MKII

#0101081



Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	0103057	APO 71 Enclosure	1	pc	LRU
2	0103058	APO 71 Enclosure for Vari Selector MKII (lid)	1	pc	LRU
3	0100525	CCS ADIO Selector Board V1.0	1	pc	LRU
4	0101443	Frequency Inverter 037kW ATV31	1	pc	LRU

Tool Pipe Kit CF110

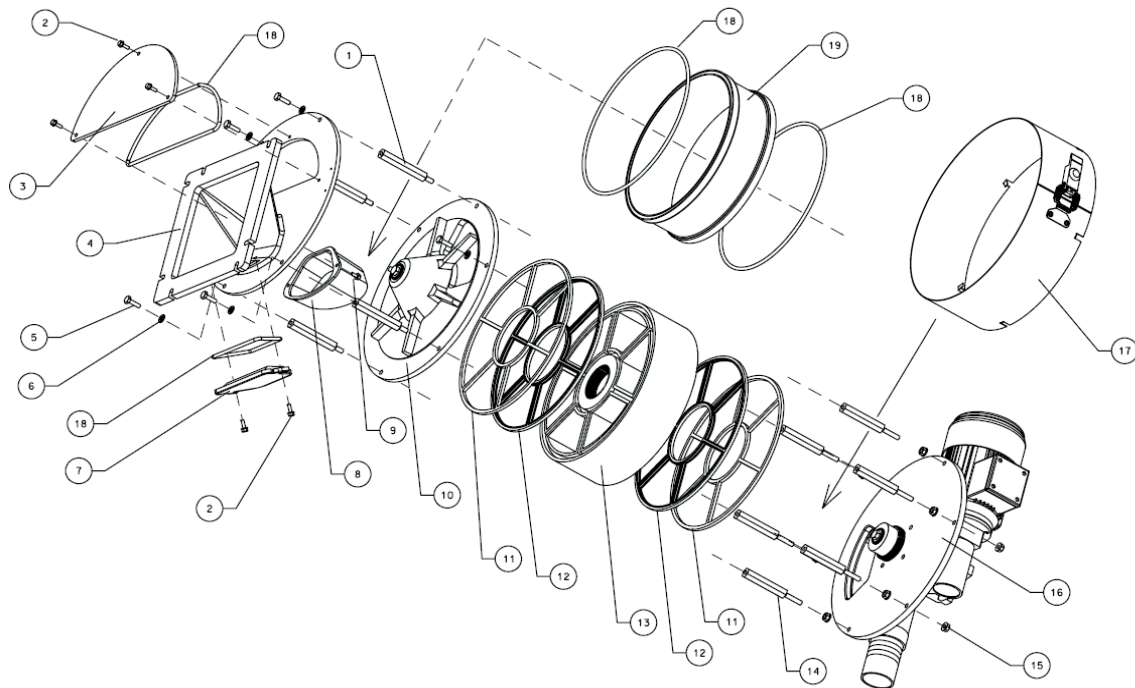
#10001242



Position	Number	Item Name	Quantity	Unit	BOM/LRU
	10000422	Tool pipe nipple CF110	1	pc	LRU
	10206	Molycote CU 7439 100gr	1	pc	LRU

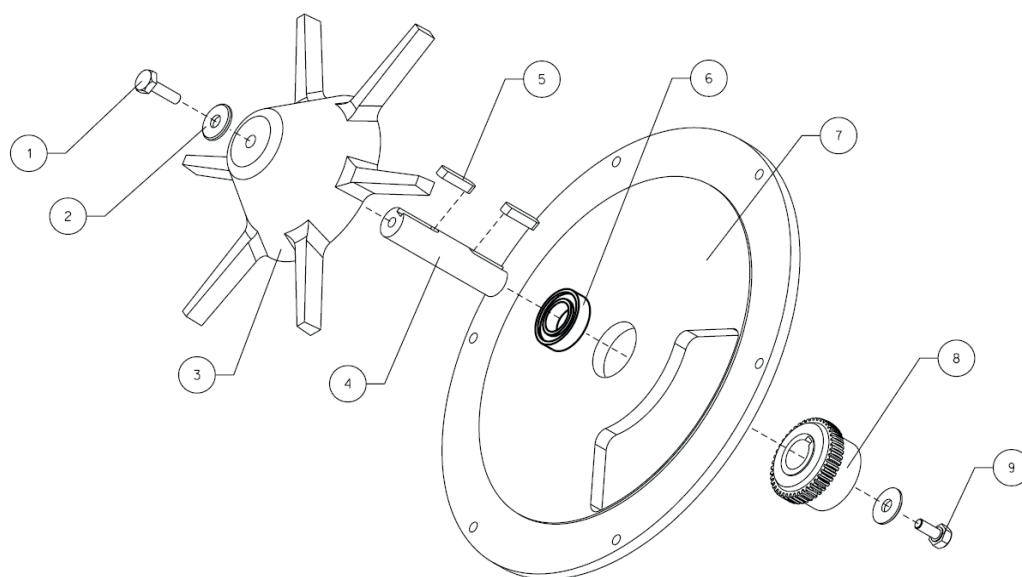
Doser Valve CF1000/63

#60010



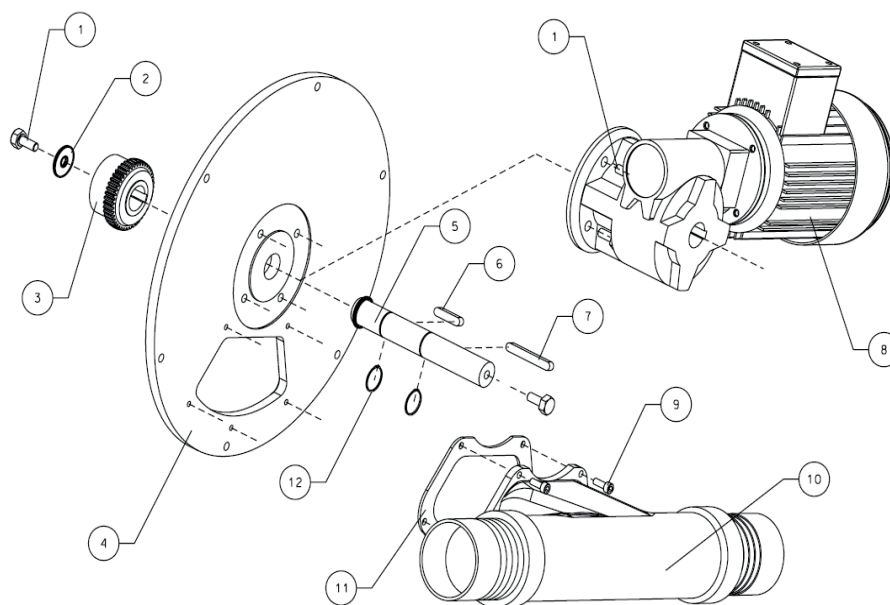
Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	20231	MntEq DistElem M8L 100	4	pc	LRU
2	692106164	Screw Hex Flange M6x16	4	pc	LRU
3	20412	Inspect. Lid Dosier Valve 1000	1	pc	LRU
4	20433	Top Assembly Dosier Valve 1000	1	pc	LRU
5	93308254	Screw Hex Head M8x25	6	pc	LRU
6	1250804	Wascher M8	6	pc	LRU
7	20243	Gutter Lid Dosier Valve 1000	1	pc	LRU
8	20238	Dosing Funnel Dosier Valve 1000	1	pc	LRU
9	692106124	Screw Hex Flange M6x12	2	pc	LRU
10	0100209	Center Assy. Dosier Valve 1000	1	pc	BOM page 39
11	20224	Gasket, PEHD Dosier Valve 1000	2	pc	LRU
12	0102675	Base Gasket Dosier 1000/1500 Silicone 20Sh	2	pc	LRU
13	0100812	Dosier 1500/1000 – Rotor	1	pc	LRU
14	20230	Tie Bolt, Dosier Valve 1000	6	pc	LRU
15	69230804	Nut Grooved M8	6	pc	LRU
16	0100224	Bottom Assy. Dosier 1000/63	1	pc	BOM page 40
17	0100284	Cover Assembly Dosier 1000	1	pc	LRU
18	10322	Neosponge Ø6 mm	3	m	LRU
19	20222	Dosing Chamber Dosier Valve 1000	1	pc	LRU
	60120	Suspension Kit Dosier Valve	1	pc	LRU

Center Assembly Doser 1000 #0100209



Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	93310304	Screw Hex Head M10x30	1	pc	LRU
2	90211004	Washer M10 D=30	2	pc	LRU
3	20236	Feeder Unit, Doser Valve 1000	1	pc	LRU
4	20241	Feeder Shaft, Doser Valve 1000	1	pc	LRU
5	10059	Axle-key 8x7x35 mm	2	pc	LRU
6	10260	Ballbearing 6005-2RS	2	pc	LRU
7	20221	Center Plate Doser Valve 1000	1	pc	LRU
8	20242	Gear Drive Doser Valve 1000	1	pc	LRU
9	93310204	Screw Hex Head M10x20	1	pc	LRU

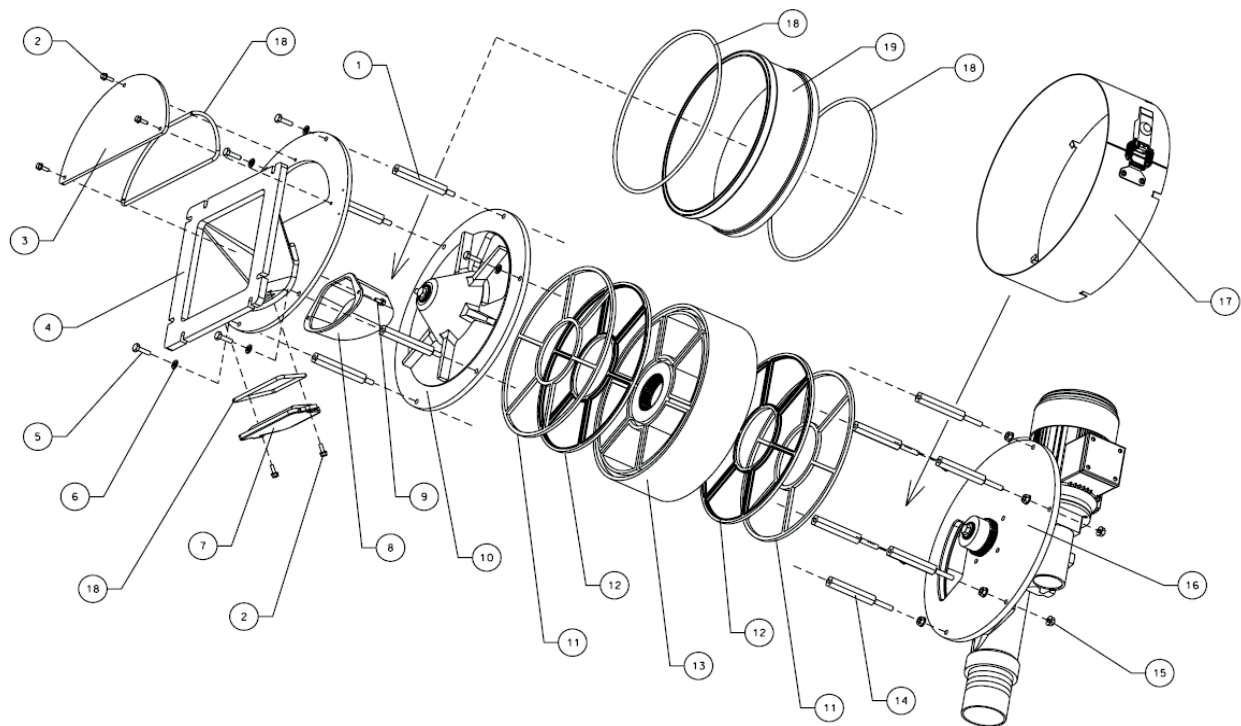
Bottom Assembly Doser 1000/63 #0100224



Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	93310204	Screw Hex Head M10x20	6	pc	LRU
2	90211004	Washer M10 D=30	2	pc	LRU
3	20242	Gear Drive, Doser Valve 1000	1	pc	LRU
4	0103499	Doser Valve 1000 – Bottom Plate SS	1	pc	LRU
5	0103500	Doser Valve 1000 – Drive Shaft SS	1	pc	LRU
6	10059	Axle-key 8x7x35 mm	1	pc	LRU
7	0102805	Axle-key 8x7x60 mm	1	pc	LRU
8	10181	Motor/Gear Doser CF1000	1	pc	LRU
9	91206164	Screw Hex Head M6x16	5	pc	LRU
10	0100183	Outlet Vari Doser CF63	1	pc	LRU
11	20248	Gasket Outlet Doser Valve 1000	1	pc	LRU
12	10391	Snap Ring A-25	2	pc	LRU
	0103310	Seal O-ring 25x3 NBR	1	pc	LRU

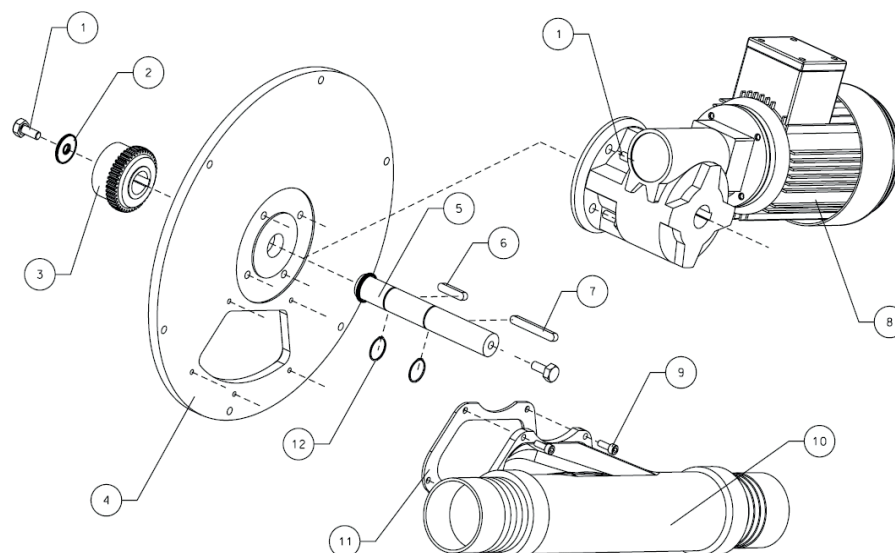
Doser Valve CF1000/90mm

#60127



Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	20231	MntEq DistElem M8 L100	4	pc	LRU
2	692106164	Screw Hex Flange M6x16	4	pc	LRU
3	20412	Inspection Lid Dosier Valve 1000	1	pc	LRU
4	20433	Top Assembly Dosier Valve 1000	1	pc	LRU
5	93308254	Screw Hex Head M8x25	6	pc	LRU
6	1250804	Washer M8	6	pc	LRU
7	20243	Gutter Lid, Dosier Valve 1000	1	pc	LRU
8	20238	Dosing Funnel Dosier Valve 1000	1	pc	LRU
9	692106124	Screw Hex Flange M6x12	2	pc	LRU
10	0100209	Center Assy. Dosier Valve 1000	1	pc	BOM page 39
11	20224	Gasket, PEHD Dosier Valve 1000	2	pc	LRU
12	0102675	Base Gasket Dosier 1000/1500 Silicone 20Sh	2	pc	LRU
13	0100812	Dosier 1500/1000 – Rotor	1	pc	LRU
14	20230	Tie Bolt, Dosier Valve 1000	6	pc	LRU
15	69230804	Nut Grooved M8	12	pc	LRU
16	0100210	Bottom Assy. Dosier 1000/90	1	pc	BOM page 42
17	0100284	Cover Assy. Dosier 1000	1	pc	LRU
18	10322	Neosponge Ø6 mm	2,5	m	LRU
19	20222	Dosing Cham. Dosier Valve 1000	1	pc	LRU
	60120	Suspension Kit Dosier Valve	1	pc	LRU

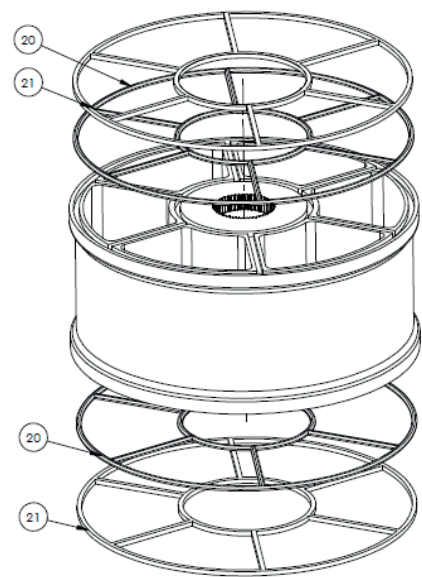
Bottom Assembly Doser 1000/90 #0100210



Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	93310204	Screw Hex Head M10x20	6	pc	LRU
2	90211004	Washer M10 D=30	2	pc	LRU
3	20242	Gear Drive, Doser Valve 1000	1	pc	LRU
4	0103499	Doser Valve 1000 – Bottom Plate SS	1	pc	LRU
5	0103500	Doser Valve 1000 – Drive Shaft SS	1	pc	LRU
6	10059	Axle-key 8x7x35 mm	1	pc	LRU
7	0102805	Axle-key 8x7x60xmm	1	pc	LRU
8	10181	Motor/Gear Doser CF1000	1	pc	LRU
9	91206164	Screw Hex Socket M6x16	5	pc	LRU
10	0100083	Outlet Vari Doser CF90	1	pc	LRU
11	20248	Gasket Outlet Doser Valve 1000	1	pc	LRU
12	10391	Snap Ring A-25	2	pc	LRU
	0103310	Seal O-Ring 25x3 NBR	1	pc	LRU

Doser Valve 1000 Repair Kit

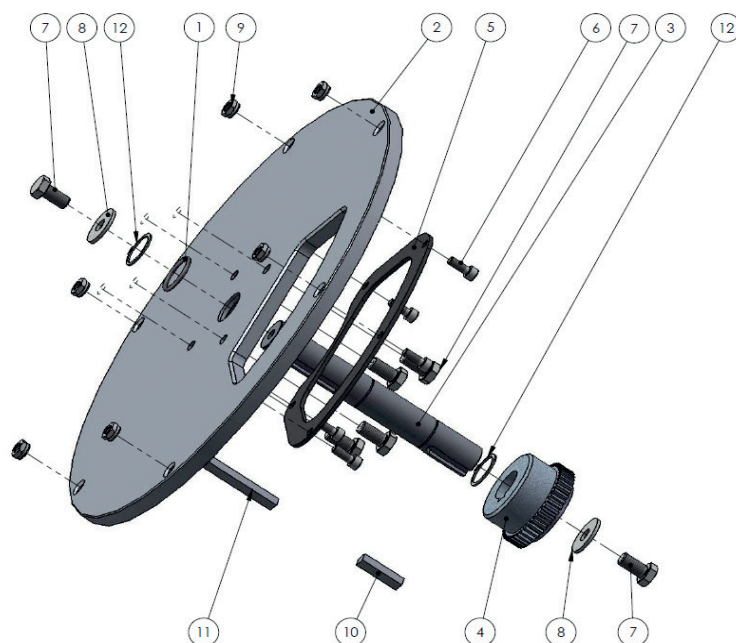
#60100



Position	Number	Item Name	Quantity	Unit	BOM/LRU
20	20224	Gasket, PEHD Dosier Valve 1000	2	pc	LRU
21	0102675	Base Gasket Dosier 1000/15000 Silicone 20Sh	2	pc	LRU

Doser Valve CF1000 - Rebuild Kit

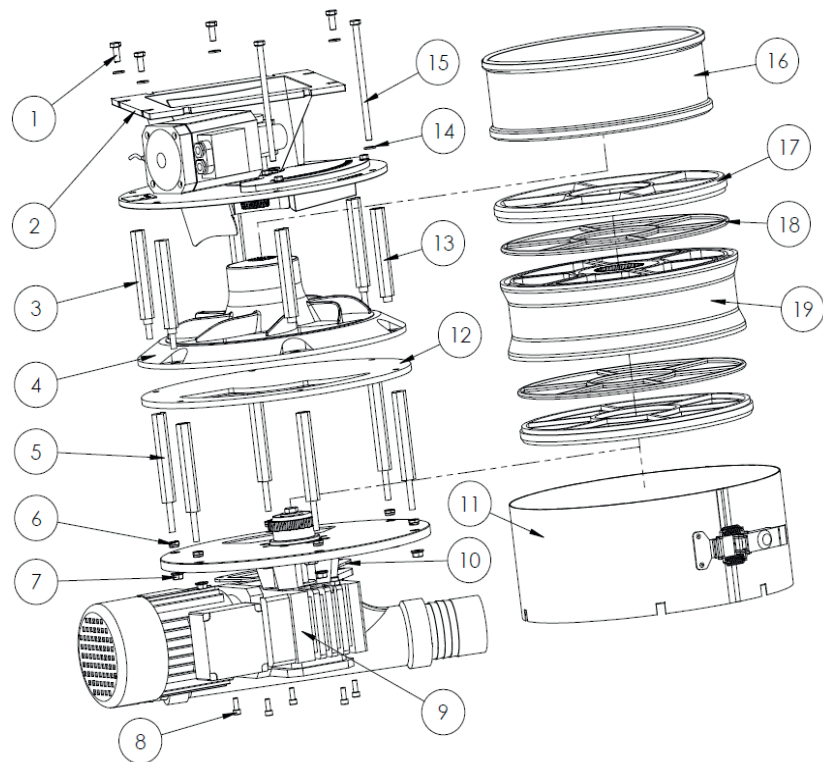
Bottom Plate SS #0103501



Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	0103310	Seal O-Ring 2x3 NBR	1	pc	LRU
2	0103499	Doser Valve 1000 – Bottom Plate SS	1	pc	LRU
3	0103500	Doser Valve 1000 _ Drive Shaft SS	1	pc	LRU
4	20242	Gear Drive, Doser Valve 1000	1	pc	LRU
5	20248	Gasket-Outlet Doser Valve 1000	1	pc	LRU
6	91206164	Screw Hex Socket M6x16	5	pc	LRU
7	93310204	Screw Hex Head M10x10	6	pc	LRU
8	90211004	Washer M10 D=30	2	pc	LRU
9	9850804	Nut Nylock M8	6	pc	LRU
10	10059	Axle-key 8x7x35 mm	1	pc	LRU
11	0102805	Axle-key 8x7x60 mm SS	1	pc	LRU
12	10391	Snap Ring A-25	2	pc	LRU

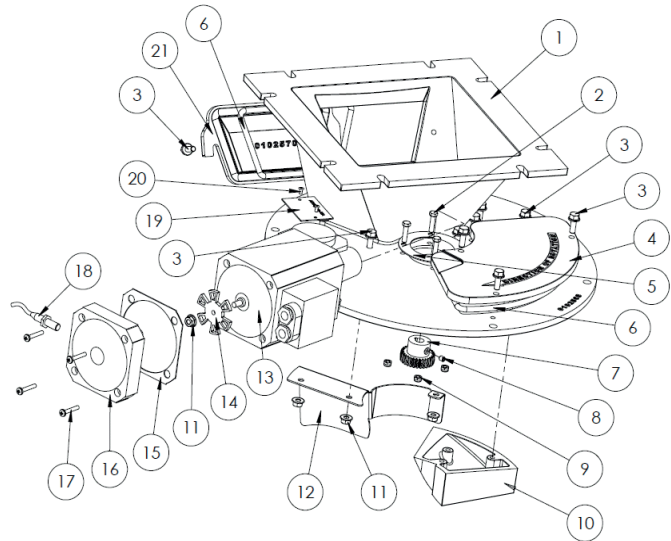
Doser 1500 Vari MKII

#0102780



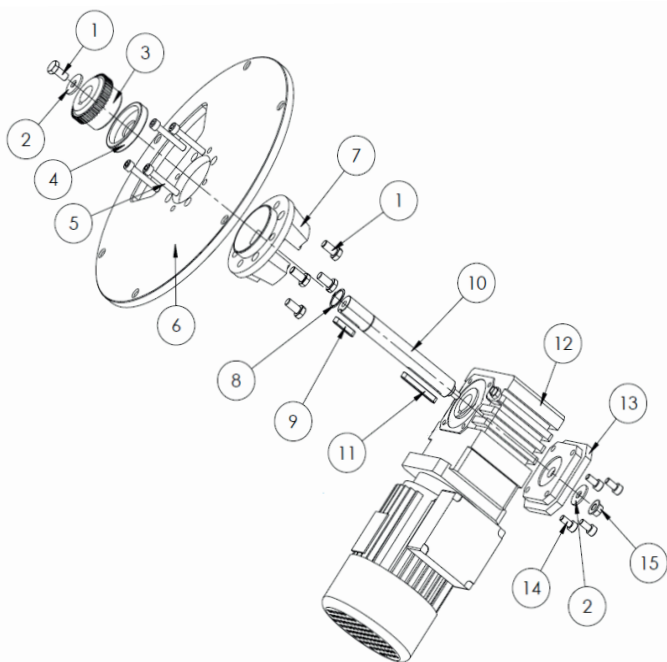
Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	93308204	Screw Hex Head M8x20	4	pc	LRU
2	0102781	Doser 1500 Vari – Top Assy. MKII	1	pc	BOM page 46
3	0102597	MntEq DistElem M8 L117,2	4	pc	LRU
4	0102782	Doser 1500 Vari – Center Assy MKII	1	pc	BOM page 48
5	0100825	Doser 1500 Vari – Tie Bolt	6	pc	LRU
6	9850804	Nut Nylock M8	6	pc	LRU
7	69230804	Nut Grooved M8	6	pc	LRU
8	91206164	Screw Hex Socket M6x16	5	pc	LRU
9	0102783	Doser 1500 Vari – Bottom Assy MKII	1	pc	BOM page 47
10	20248	Gasket – Outlet Dsoer Valve 1000	1	pc	LRU
11	0100820	Doser 1500 Vari – Cover Assy	1	pc	LRU
12	0101606	Doser 1500 Vari – Wear Plate	1	pc	LRU
13	0102598	MntEq DistElem L117,2 Hollow	2	pc	LRU
14	1250804	Washer M8	6	pc	LRU
15	0102800	Screw M8x155	2	pc	LRU
16	0102816	Doser 1500 Vari – Chamber Assy MKII	1	pc	BOM page 48
17	0101101	Doser 1500 Vari – Gasket PEHD	2	pc	LRU
18	0102675	Base Gasket Doser 1000/1500 Silicone 20Sh	2	pc	LRU
19	0100812	Doser 1500/1000 - Rotor	1	pc	LRU
	10322	Neosponge Ø6 mm	1	m	LRU
	60120	Suspension Kit Doser Valve	1	pc	LRU

Doser 1500 Vari Top Assembly #0102781



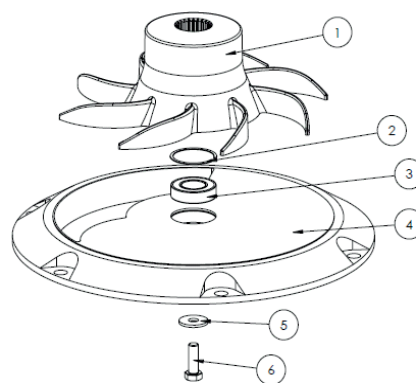
Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	0102568	Doser 1500 Vari – Top Flange MKII	1	pc	LRU
2	93305204	Screw Hex Head M5x20	4	pc	LRU
3	692106164	Screw Hex Flange M6x16	11	pc	LRU
4	0102569	Doser 1500 Vari – Inspect. Lid MKII	1	pc	LRU
5	0100831	Doser 1500 Vari Gasket M/G Fe	1	pc	LRU
6	0103022	Sea O-Ring String Nitril 6mm 40Sh	1	m	LRU
7	0100814	Doser 1500 Vari – Feeder Gear	1	pc	LRU
8	0102799	Screw Set M5x6	1	pc	LRU
9	9850504	Nut Nylock M5	4	pc	LRU
10	0102646	Doser 1500 Vari – Feeder Block MKII	1	pc	LRU
11	69230604	Nut Grooved M6	4	pc	LRU
12	0102648	Doser 1500 Vari – Feeder Guide MKII	1	pc	LRU
13	0100818	Doser 1500 – Feeder Motor/Gear	1	pc	LRU
14	0100829	Doser 1500 Vari – P. Cnt. Disc	1	pc	LRU
15	0100830	Doser 1500 Vari Gasket P. Cnt.	1	pc	LRU
16	0100811	Doser 1500 Vari P. Cnt Base	1	pc	LRU
17	798504254	Screw Pan Head M4x25	4	pc	LRU
18	10051	Inductive sensor E2A-S08KS02-WPC 12M	1	pc	LRU
21	0102570	Doser 1500 Vari – Gutter Lid MKII	1	pc	LRU

Doser Vari 1500 Bottom Assembly #0102783



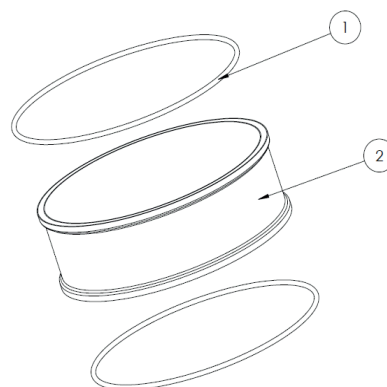
Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	93310204	Screw Hex Head M10x20	5	pc	LRU
2	90211004	Washer M10 D=30	2	pc	LRU
3	20242	Gear Drive, Doser Valve 1000	1	pc	LRU
4	0102594	Doser 1500 Vari - Plug MKII	1	pc	LRU
5	91208504	Screw Hex Socket M8x50	4	pc	LRU
6	0102578	Doser 1500 Vari - Bottom Plate MKII	1	pc	LRU
7	0102596	Doser 1500 - Flange Main M/G MKII	1	pc	LRU
8	10391	Snap Ring A-25	1	pc	LRU
9	10059	Axle-key 8x7x35 mm	1	pc	LRU
10	0102585	Doser 1500 Vari - Drive Shaft MKII	1	pc	LRU
11	0102805	Axle-key 8x7x60 mm	1	pc	LRU
12	0100817	Doser 1500 - Main Motor/Gear	1	pc	LRU
13	0102584	Doser 1500 Vari - Handle MKII	1	pc	LRU
14	91208164	Screw Hex Socket M8x16	4	pc	LRU
15	69231004	Nut Grooved M10	1	pc	LRU

Doser 1500 Center Assembly #0102782



Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	0102647	Doser 1500 Vari - Feeder Unit MKII	1	pc	LRU
2	0102468	Retaining Ring VHM-47-S02	1	pc	LRU
3	10260	Ballbearing 6005-2RS	1	pc	LRU
4	0100807	Doser 1500 Vari - Feeder Base	1	pc	LRU
5	90211004	Washer M10 D=30	1	pc	LRU
6	93310304	Screw Hex Head M10x30	1	pc	LRU

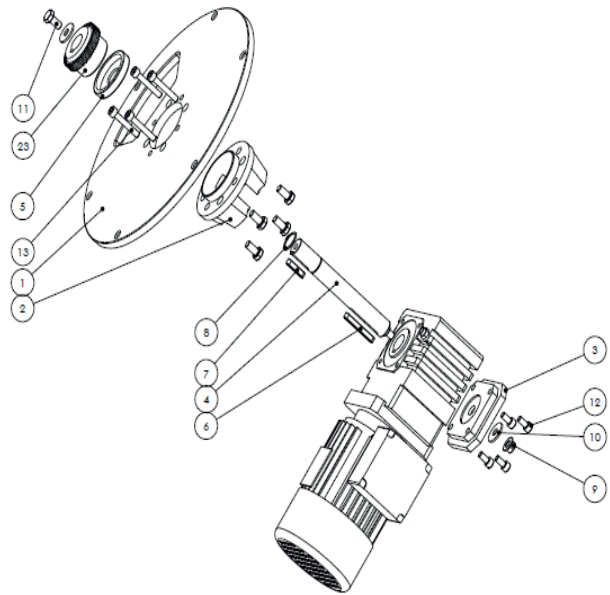
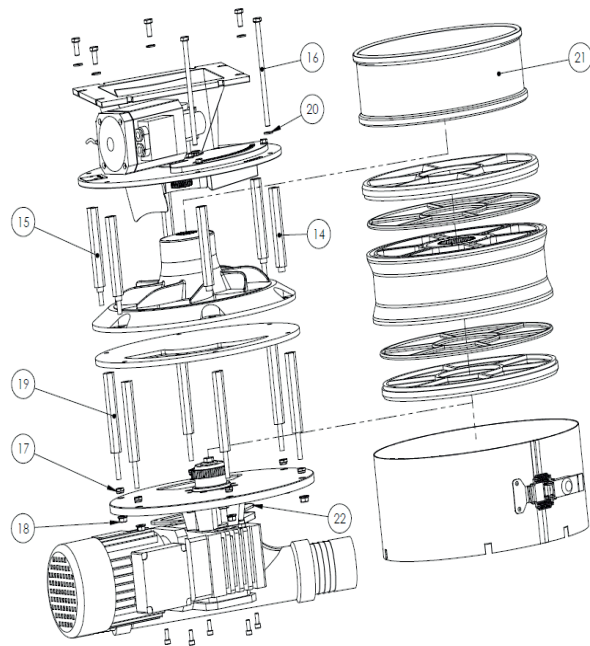
Doser Vari 1500 Chamber Assembly #0102816



Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	10322	Neosponge Ø6 mm	2	m	LRU
2	20222	Dosing Chamb. Dosier Valve 1000	1	pc	LRU

Doser 1500 Vari - Rebuild Kit

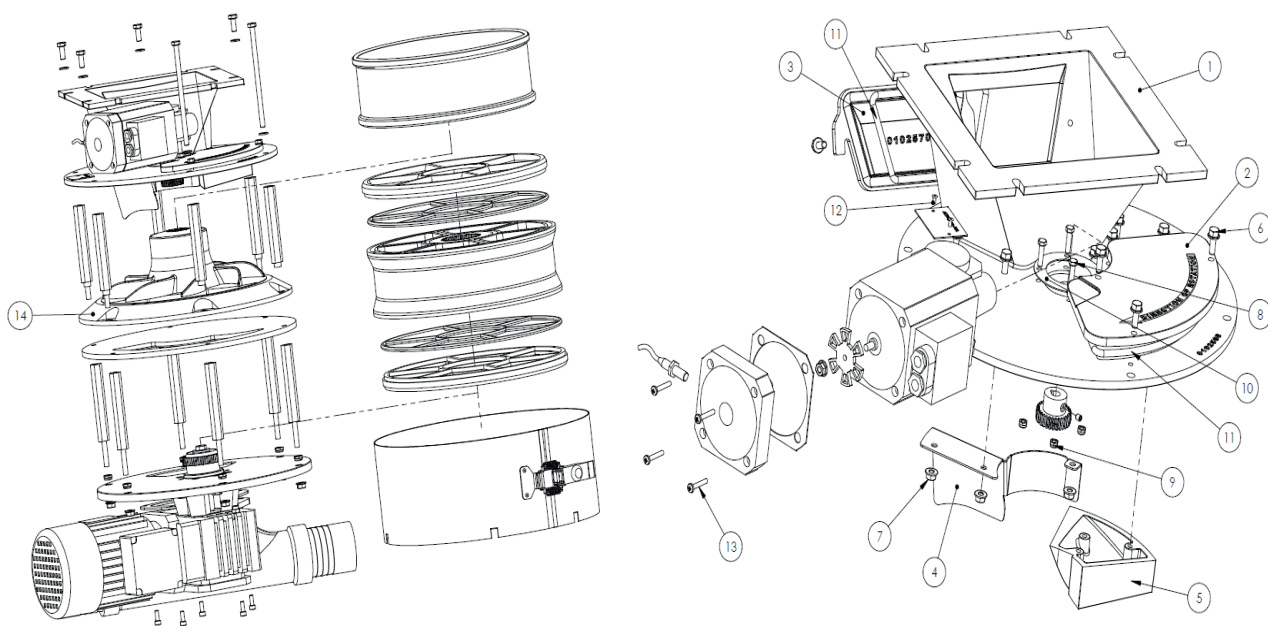
Bottom Assembly MKII #0102905



Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	0102578	Doser 1500 Vari - Bottom Plate MKII	1	pc	LRU
2	0102596	Doser 1500 - Flange Main M/G MKII	1	pc	LRU
3	0102584	Doser 1500 Vari - Handle MKII	1	pc	LRU
4	0102585	Doser 1500 Vari - Drive Shaft MKII	1	pc	LRU
5	0102594	Doser 1500 Vari - Plug MKII	1	pc	LRU
6	0102805	Axle-key 8x7x60 mm SS A2	1	pc	LRU
7	10059	Axle-key 8x7x35 mm	1	pc	LRU
8	10391	Snap Ring A-25	1	pc	LRU
9	69231004	Nut Groved M10	1	pc	LRU
10	90211004	Washer M10 D=30	2	pc	LRU
11	93310204	Screw Hex Head M10x20	5	pc	LRU
12	91208164	Screw Cyl Hex Head M8x16	4	pc	LRU
13	91208504	Screw Cyl Hex Head M8x50	4	pc	LRU
14	0102598	MntEq DistElem L117,2 Hollow	2	pc	LRU
15	0102597	MntEq DistElem M8 L117,2	4	pc	LRU
16	0102800	Screw M8x160	2	pc	LRU
17	9850804	Nut Nylock M8	6	pc	LRU
18	69230804	Nut Groved M8	6	pc	LRU
19	0100825	Doser 1500 Vari - Tie Bolt	6	pc	LRU
20	1250804	Washer M8	6	pc	LRU
21	0102816	Doser 1500 Vari - Chamber Assy MKII	1	pc	BOM page 48
22	20248	Gasket-Outlet Doser Valve 1000	1	pc	LRU

Doser 1500 Vari - Rebuild Kit

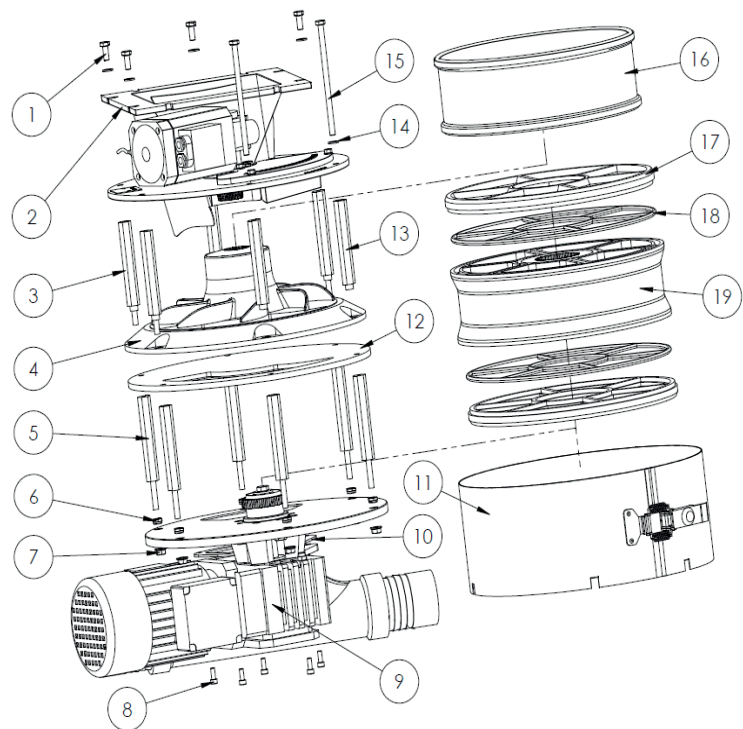
Top Assembly MKII #0102906



Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	0102568	Doser 1500 Vari – Top Flange MKII	1	pc	LRU
2	0102569	Doser 1500 Vari – Inspect. Lid MKII	1	pc	LRU
3	0102570	Doser 1500 Vari Gutter Lid MKII	1	pc	LRU
4	0102648	Doser 1500 Vari – Feeder Guide MKII	1	pc	LRU
5	0102646	Doser 1500 Vari – Feeder Block MKII	1	pc	LRU
6	692106164	Screw Hex Flange M6x16	11	pc	LRU
7	69230604	Nut Ggrooved M6	4	pc	LRU
8	93305204	Screw Hex Head M5x20	4	pc	LRU
9	9850504	Nut Nylock M5	4	pc	LRU
10	0100831	Doser 1500 vari Gasket M/G Fe.	1	pc	LRU
11	10322	Neosponge Ø6 mm	1	m	LRU
12	10404	Pop-rivets 3,2x7 mm	2	pc	LRU
13	798504254	Screw Pan Head M4x25	4	pc	LRU
14	0102782	Doser 1500 Vari – Center Assy MKII	1	pc	BOM page 48

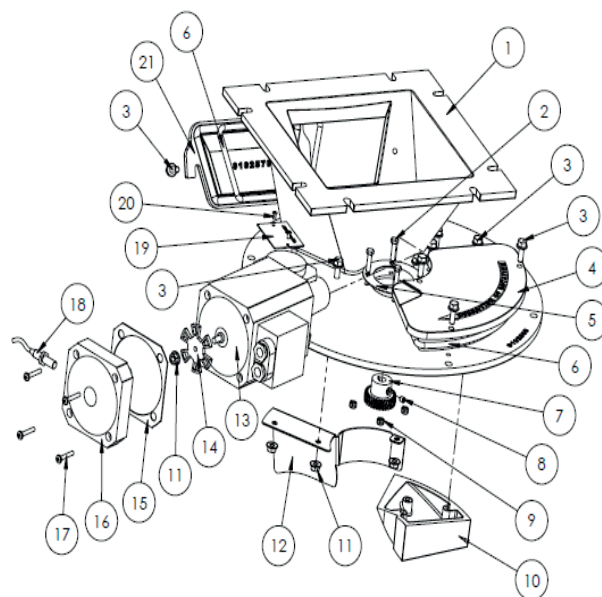
Doser 1500 Vari MKIII Start

#0104997



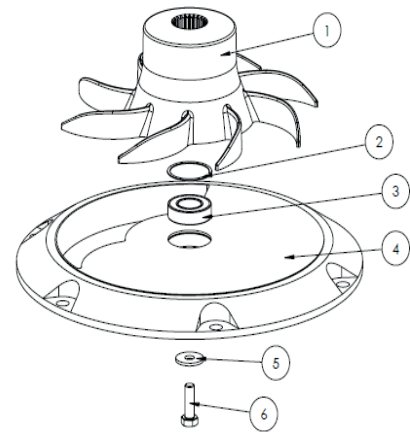
Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	93308204	Screw Hex Head M8x20	4	pc	LRU
2	0104996	Doser 1500 Vari – Top Assy Start MKIII	1	pc	BOM page 52
3	0102597	MntEq DistElem M8 L117,2	4	pc	LRU
4	0104995	Doser 1500 Vari – Center Assy Start MKIII	1	pc	BOM page 53
5	0100825	Doser 1500 Vari – Tie Bolt	6	pc	LRU
6	9850804	Nut Nylock M8	6	pc	LRU
7	69230804	Nut Grooved M8	6	pc	LRU
8	91206164	Screw Hex Socket M6x16	5	pc	LRU
9	0102783	Doser 1500 Vari – Bottom Assy MKII	1	pc	BOM page 47
10	20248	Gasket Outlet Doser Valve 1000	1	pc	LRU
11	0100820	Doser 1500 Vari – Cover Assy	1	pc	LRU
12	0101606	Doser 1500 Vari – Wear Plate	1	pc	LRU
13	0102598	MntEq DistElem L117,2 Hollow	2	pc	LRU
14	1250804	Washer M8	6	pc	LRU
15	0102800	Screw M8x155	2	pc	LRU
16	0102816	Doser 1500 Vari – Chamber Assy MKII	1	pc	BOM page 48
17	0101101	Doser 1500 Vari – Gasket PEHD	2	pc	LRU
18	0102675	Base Gasket Doser 1000/1500 Silicone 20Sh	2	pc	LRU
19	0100812	Doser 1500/1000 - Rotor	2	pc	LRU
	60120	Suspension Kit Doser Valve	1	pc	LRU

Doser 1500 Vari Top Assembly Start MKIII #0104996



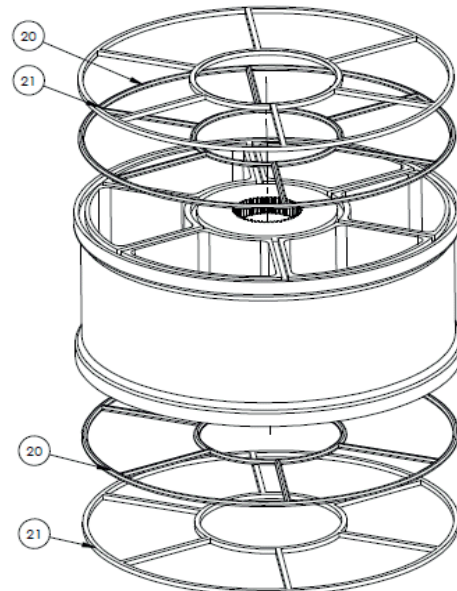
Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	0102568	Doser 1500 Vari – Top Flange MKII	1	pc	LRU
2	93305204	Screw Hex Head M5x20	4	pc	LRU
3	692106164	Screw Hex Flange M6x16	11	pc	LRU
4	0102569	Doser 1500 Vari – Inspect. Lid MKII	1	pc	LRU
5	0100831	Doser 1500 Vari Gasket M/G Fe.	1	pc	LRU
6	0103022	Seal O-Ring String Nitrile 6mm 40 Sh	1	m	LRU
7	0100814	Doser 1500 Vari – Feeder Gear	1	pc	LRU
8	0102799	Screw Set M5x6	1	pc	LRU
9	9850504	Nut Nylock M5	4	pc	LRU
10	0103520	Doser 1500 Vari – Feeder Block 80mm MKII	1	pc	LRU
11	69230604	Nut Grooved M6	4	pc	LRU
12	0102648	Doser 1500 Vari – Feeder Guide MKII	1	pc	LRU
13	0100818	Doser 1500 – Feeder Motor/Gear	1	pc	LRU
14	0100829	Doser 1500 Vari – P. Cnt. Disc	1	pc	LRU
15	0100830	Doser 1500 Vari Gasket P. Cnt.	1	pc	LRU
16	0100811	Doser 1500 vari – P. Cnt. Base	1	pc	LRU
17	798504254	Screw Pan Head M4x25	4	pc	LRU
18	10051	Inductive sensor E2A 08KS 02WPC 12M	1	pc	LRU
20	10404	Pop-rivets 3,2x7 mm	2	pc	LRU
21	0102570	Doser 1500 Vari – Gutter Lid MKII	1	pc	LRU

Doser 1500 Vari Center Assembly Start MKIII #0104995



Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	0103522	Doser 1500 Vari – Feeder Unit Start MKII	1	pc	LRU
2	0102468	Retaining Ring VHM-47-S02	1	pc	LRU
3	10260	Ballbearing 6005-2RS	1	pc	LRU
4	0100807	Doser 1500 Vari – Feeder Base	1	pc	LRU
5	90211004	Washer M10 D=30	1	pc	LRU
6	93310254	Screw Hex Head M10x25	1	pc	LRU

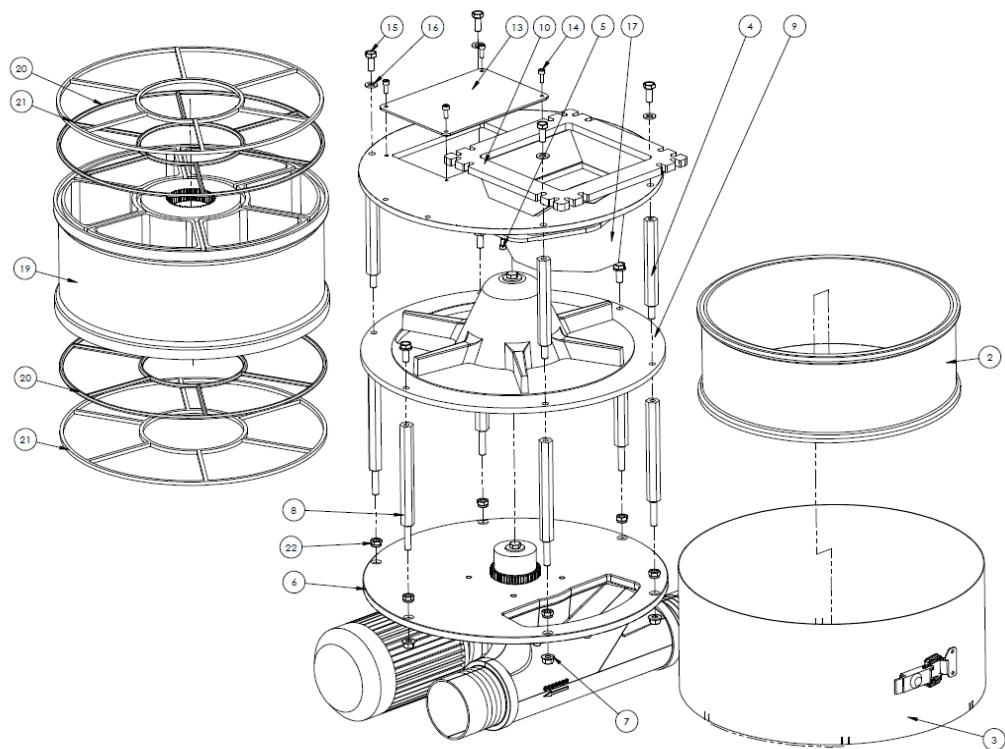
Doser Valve 1500 Repair Kit #0101432



Position	Number	Item Name	Quantity	Unit	BOM/LRU
20	0101101	Doser 1500 Vari - Gasket PEHD	2	pc	LRU
21	0102675	Base Gasket Dosier 1000/15000 Silicone 20Sh	2	pc	LRU

Doser CF4000 wo/ outlet

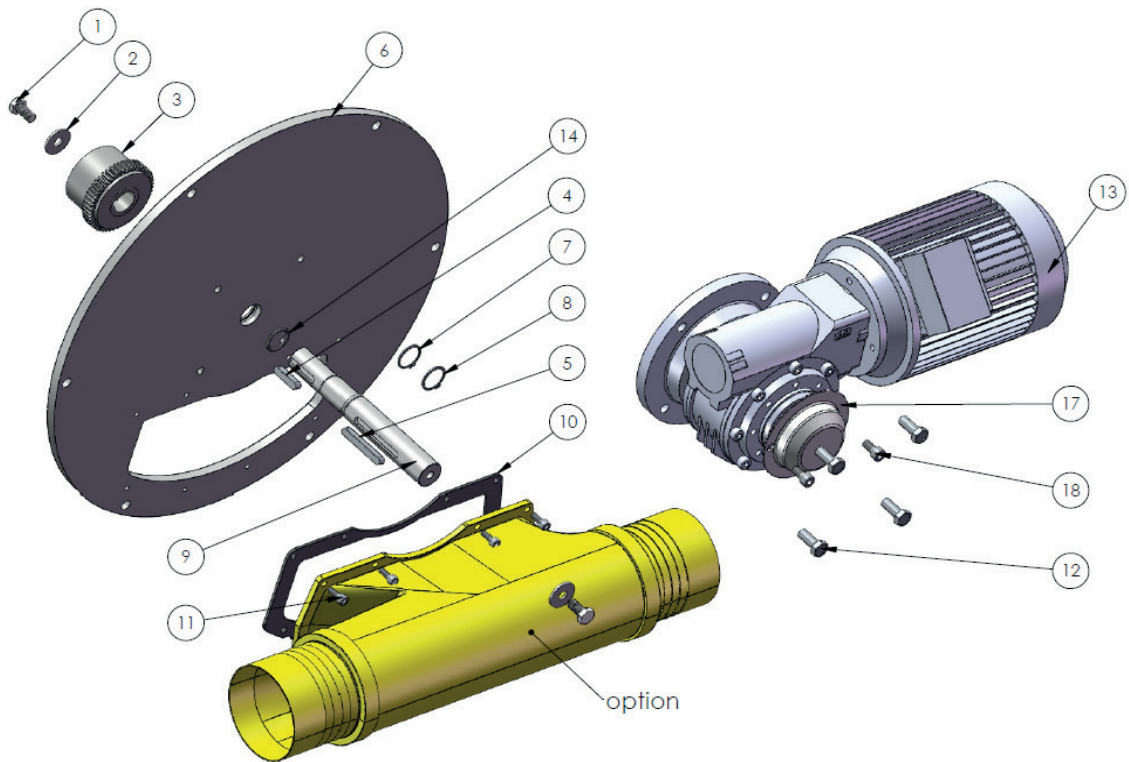
#0102901



Position	Number	Item Name	Quantity	Unit	BOM/LRU
2	0103614	Doser Valve 4000 - Chamber Assy MKII	1	pc	BOM page 63
3	0100285	Cover Assembly Dosier 4000	1	pc	LRU
4	20203	MntEq DistElem M10 L150	4	pc	LRU
5	91206124	Screw Cyl Hex Head M6x12	2	pc	LRU
6	0103311	Doser Valve 4000 - Bottom Assy SS	1	pc	BOM page 55
7	69231004	Nut Grooved M10	6	pc	LRU
8	20191	Tie Bolt Dosier Valve 4000	6	pc	LRU
9	0100115	Center Assy. Dosier Valve 4000	1	pc	BOM page 56
10	20186	Top Assembly Dosier Valve 4000	1	pc	LRU
13	0104225	Inspection Lid Dosier 4000 Assy	1	pc	BOM page 63
14	91206164	Screw Cyl Hex Head M6x16	4	pc	LRU
15	93310254	Screw Hex Head M10x25	6	pc	LRU
16	1251004	Washer M10	6	pc	LRU
17	20214	Dosing Funnel Dosier Valve 4000	1	pc	LRU
19	20182	Rotor 3" Dosier Valve 4000	1	pc	LRU
20	0102712	Base Gasket Dosier 4000 Silicone 20Sh	2	pc	LRU
21	20194	Gasket Dosier Valve 4000	2	pc	LRU
22	9851004	Nut Nylock M10	6	pc	LRU
	60120	Suspension Kit Dosier Valve	1	pc	LRU

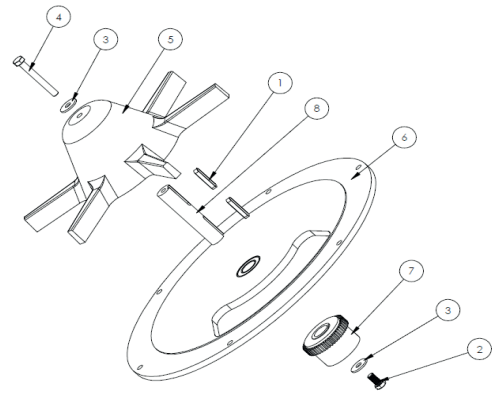
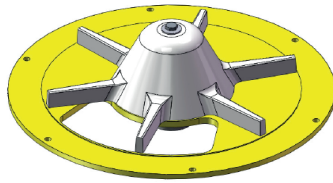
This item is only available for spare parts. For new item please see item 0103604, page 60-65

Doser Valve 4000 Bottom Assembly SS #0103311



Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	93310204	Screw Hex Head M10x20	2	pc	LRU
2	90211004	Washer M10 D=30	2	pc	LRU
3	20216	Gear Drive Dosier Valve 4000	1	pc	LRU
4	10059	Axle-key 8x7x35 mm	1	pc	LRU
5	0102805	Axle-key 8x7x60 mm SS A2	1	pc	LRU
6	0103181	Dosier Valve 4000 - Bottom Plate SS	1	pc	LRU
7	10391	Snap Ring A-25	1	pc	LRU
8	10292	Snap - Ring A-28	1	pc	LRU
9	0103304	Dosier Valve 4000 - Drive Shaft SS Plate	1	pc	LRU
10	20219	Gasket Outlet Dosier Valve 4000	1	pc	LRU
11	91206164	Screw Cyl Hex Head M6x16	8	pc	LRU
12	93310254	Screw Hex Head M10x25	4	pc	LRU
13	1012001	Motor/Gear Dosier CF4000	1	pc	LRU
14	0103310	Seal O-Ring 25x3 NBR	1	pc	LRU
17	0103512	Plastic Cup For VSF 063/063A	1	pc	LRU
18	91208164	Screw Cyl Hex Head M8x16	2	pc	LRU

Center Assembly Doser Valve 4000 #0100115



Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	10333	Axle-key 8x7x45 mm	2	pc	LRU
2	93310204	Screw Hex Head M10x20	1	pc	LRU
3	90211004	Washer M10 D=30	2	pc	LRU
4	93110804	Screw Hex Head M10x80	1	pc	LRU
5	20185	Feeder Unit Doser Valve 4000	1	pc	LRU
6	0104232	Center Plate Doser Valve 4000 Assy	1	pc	BOM page 56
7	20216	Gear Drive Doser Valve 4000	1	pc	LRU
8	20212	Feeder Shaft Doser Valve 4000	1	pc	LRU

Center Plate Doser Valve 4000 Assembly #0104232

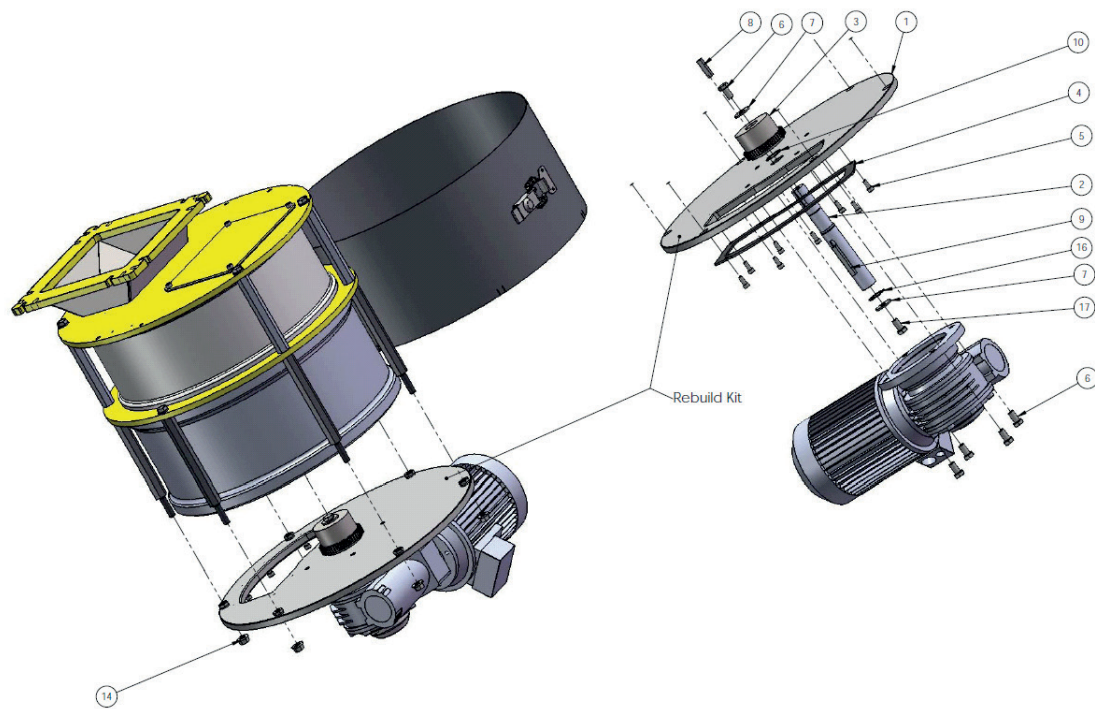


Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	20184	Center Plate Doser Valve 4000	1	pc	LRU
2	10260	Ballbearing 6005-2RS	1	pc	LRU

Doser Valve 4000

Bottom Plate SS Rebuild Kit

#0103305

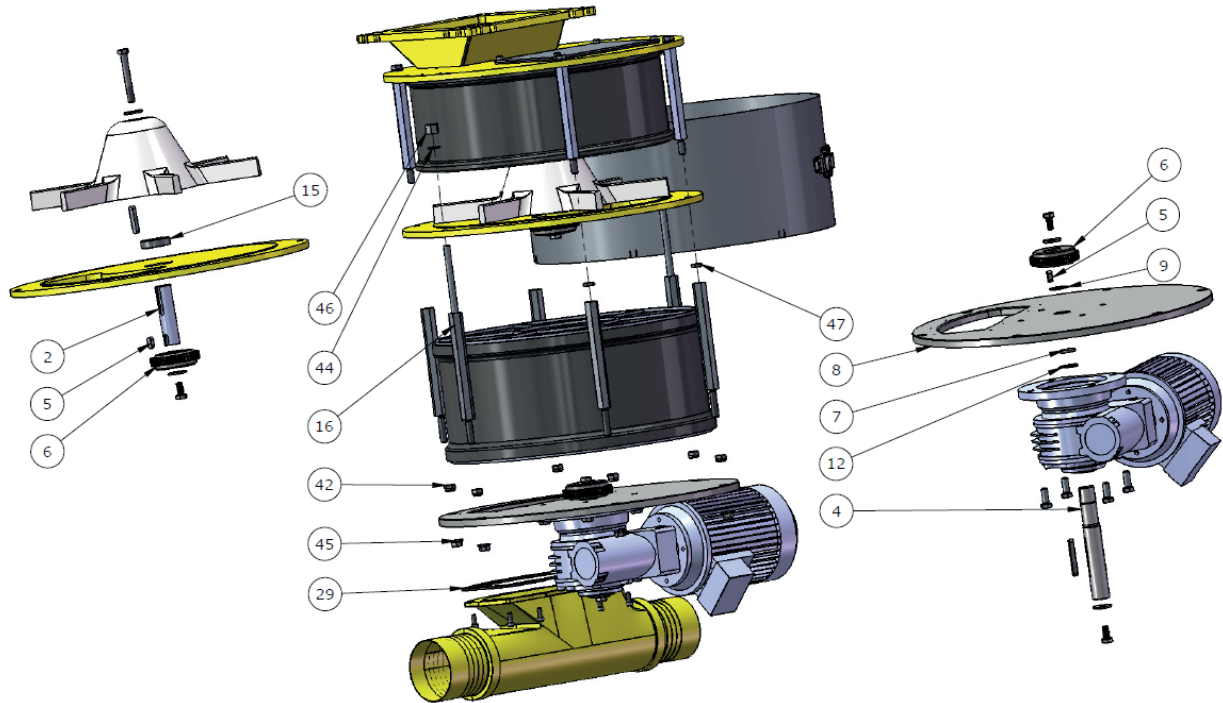


Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	0103181	Doser Valve 4000 – Bottom Plate SS	1	pc	LRU
2	0103304	Doser Valve 4000 – Drive Shaft SS Plate	1	pc	LRU
3	20216	Gear Drive Doser Valve 4000	1	pc	LRU
4	20219	Gasket Outlet Doser Valve 4000	1	pc	LRU
5	91206164	Screw Hex socket M6x16	8	pc	LRU
6	93310254	Screw Hex Head M10x25	4	pc	LRU
7	90211004	Washer M10 D=30	2	pc	LRU
8	10059	Axle-key 8x7x35 mm	1	pc	LRU
9	0102805	Axle-key 8x7x60 mm SS A2	1	pc	LRU
10	10391	Snap Ring A-25	1	pc	LRU
12	0103310	Seal O-Ring 25x3 NBR	1	pc	LRU
14	12985104	Nut Nylock M10	6	pc	LRU
16	10292	Snap Ring A-25	1	pc	LRU
17	93310204	Screw Hex Head M10x20	2	pc	LRU

Doser Valve 4000

Serviceability Rebuild Kit SS

#0103554

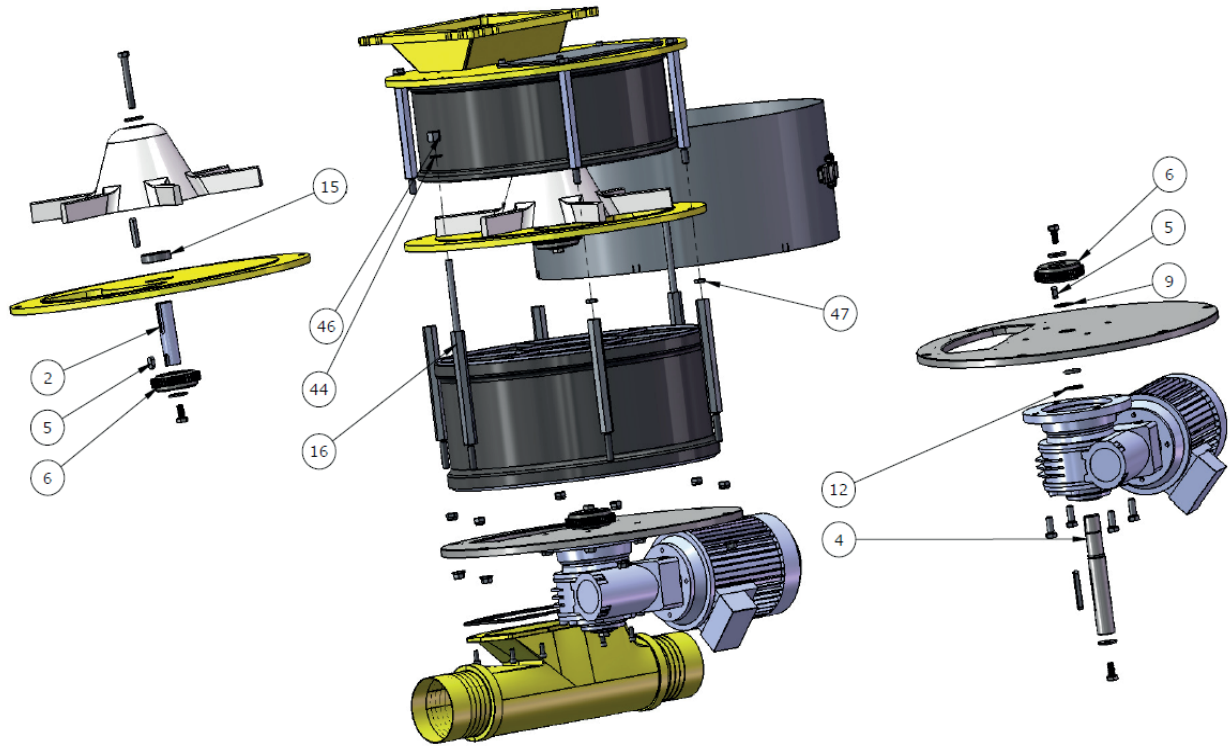


Position	Number	Item Name	Quantity	Unit	BOM/LRU
2	0103549	Feeder Shaft Dosser Valve 4000 Short	1	pc	LRU
4	0103550	Dosser Valve 4000 - Drive Shaft SS Plate Short	1	pc	LRU
5	0103548	Axle-key 8x7x18 mm SS A2	2	pc	LRU
6	0103552	Gear Drive Dosser Valve 4000, Short	2	pc	LRU
7	0103310	Seal O-Ring 25x3 NBR	1	pc	LRU
8	0103181	Dosser Valve 4000 - Bottom Plate SS	1	pc	LRU
9	10391	Snap Ring A-25	1	pc	LRU
12	10292	Snap Ring A-28	1	pc	LRU
15	10260	Ballbearing 6005-2RS	1	pc	LRU
16	0103551	Tie Bolt Dosser Valve 4000 Long TR10x3	2	pc	LRU
29	20219	Gasket Outlet Dosser Valve 4000	1	pc	LRU
42	9851004	Nut Nylock M10	6	pc	LRU
44	1251004	Washer M10	2	pc	LRU
45	69231004	Nut Grooved M10	6	pc	LRU
46	0103547	Nut Dosser Valve 4000 TR10x3	2	pc	LRU
47	0103546	Nut Thin M10 ISO4035	2	pc	LRU

Doser Valve 4000

Serviceability Rebuild Kit

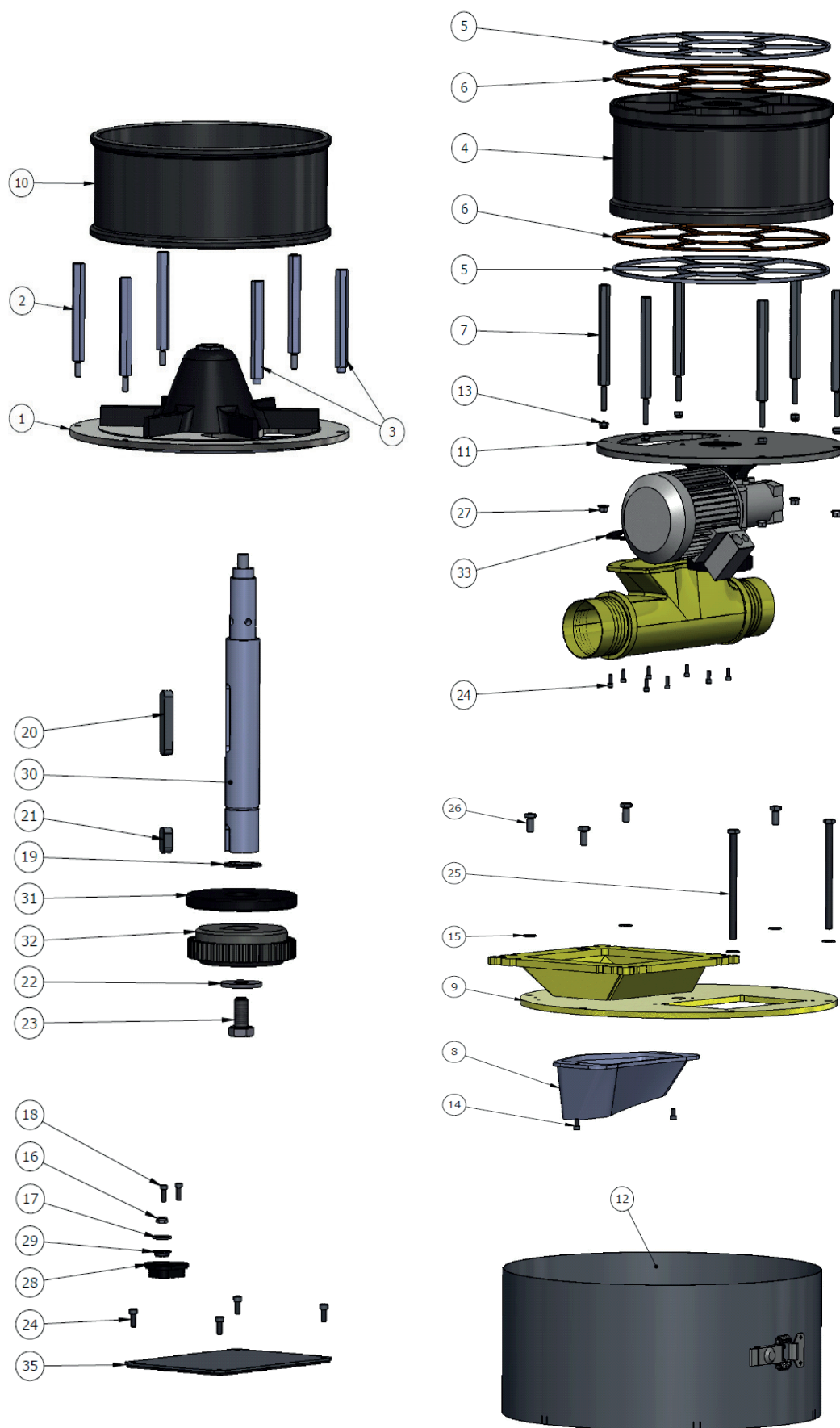
#0103555



Position	Number	Item Name	Quantity	Unit	BOM/LRU
2	0103549	Feeder Shaft Doser Valve 4000 Short	1	pc	LRU
4	0103550	Doser Valve 4000 - Drive Shaft SS Plate Short	1	pc	LRU
5	0103548	Axle-key 8x7x18 mm SS A2	2	pc	LRU
6	0103552	Gear Drive Doser Valve 4000 Short	2	pc	LRU
9	10391	Snap Ring A-25	1	pc	LRU
12	10292	Snap - Ring A-28	1	pc	LRU
15	10260	Ballbearing 6005-2RS	1	pc	LRU
16	0103551	Tie Bolt Doser Valve 4000 Long TR10x3	2	pc	LRU
44	1251004	Washer M10	2	pc	LRU
46	0103547	Nut Doser Valve 4000 TR10x3	2	pc	LRU
47	0103546	Nut Thin M10 ISO4035	2	pc	LRU

Doser CF4000 MKII wo/ outlet

#0103604



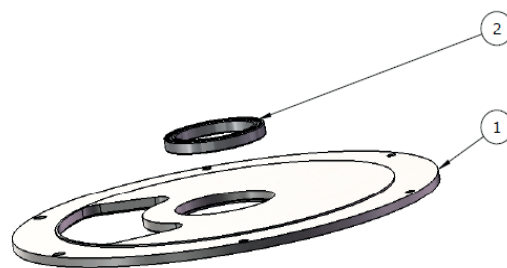
Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	0103575	Center Assy Doser Valve 4000 MKII	1	pc	BOM page 62
2	20203	MnEq DistElem M10 L150	4	pc	LRU
3	0103607	Mnteq DistElem L150 Hollow	2	pc	LRU
4	20182	«Rotor3» Doser Valve 4000	1	pc	LRU
5	20194	Gasket Doser Valve 4000	2	pc	LRU
6	0102712	Base Gasket Doser Valve 4000 Silicone 20Sh	2	pc	LRU
7	20191	Tie Bolt Doser Valve 4000	6	pc	LRU
8	20214	Doseing Funnel Doser Valve 4000	1	pc	LRU
9	0103572	Top Assembly Doser Valve 4000 MKII	1	pc	LRU
10	0103614	Doser Valve 4000 – Chamber Assy MKII	1	pc	BOM page 63
11	0103595	Doser Valve 4000 – Bottom Assy MKII	1	pc	BOM page 64
12	0100285	Cover Assembly Doser 4000	1	pc	LRU
13	9851004	Nut Nylock M10	6	pc	LRU
14	692106124	Screw Hex Flange M6x12	6	pc	LRU
15	1251004	Washer M10	6	pc	LRU
16	9850804	Nut Nylock M8	1	pc	LRU
17	90210804	Washer M8 Large	1	pc	LRU
18	91205164	Screw Hex Socket M5x16	2	pc	LRU
19	10391	Snap Ring A-25	1	pc	LRU
20	0103375	Axle-key 8x7x45 mm SS	1	pc	LRU
21	0103548	Axle-key 8x7x18 mm SS	1	pc	LRU
22	90211004	Washer M10 D=30	1	pc	LRU
23	93310204	Screw Hex Head M10x20	1	pc	LRU
24	91206164	Screw Hex Socket M6x16	8	pc	LRU
25	0103608	Screw Hex Head M10x190	2	pc	LRU
26	93310254	Screw Hex Head M10x25	4	pc	LRU
27	69231004	Nut Grooved M10	6	pc	LRU
28	0103605	Doser Valve 4000 – Handle Upper MKII	1	pc	LRU
29	0103600	Sleeve Bearing Ø24/18/16x6	1	pc	LRU
30	0103606	Doser Valve 4000 – Feeder Shaft MKII	1	pc	LRU
31	0103599	Doser Valve 4000 – Plug MKII	1	pc	LRU
32	0103552	Gear Drive Doser Valve 4000 Short	1	pc	LRU
33	20219	Gasket Outlet Doser Valve 4000	1	pc	LRU
35	0104225	Inspection Lid Doser Valve 4000 Assy	1	pc	BOM page 63
	60120	Suspension Kit Doser Valve	1	pc	LRU

Center Assembly Doser Valve MKII #0103575



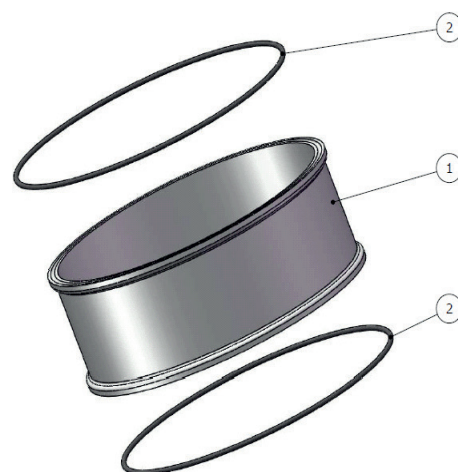
Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	0103576	Feeder Unit Doser Valve 4000 MKII	1	pc	LRU
2	0104234	Center Plate Doser Vavle 4000 MKII Assy	1	pc	BOM page 62
3	0103579	Feeder Unit Sleeve Doser Valve 4000 MKII	1	pc	LRU
4	0102805	Axle-key 8x7x60mm SS	1	pc	LRU
5	0103580	Nut M40x1,5	1	pc	LRU

Center Plate Doser 4000 MKII Assembly #0104234



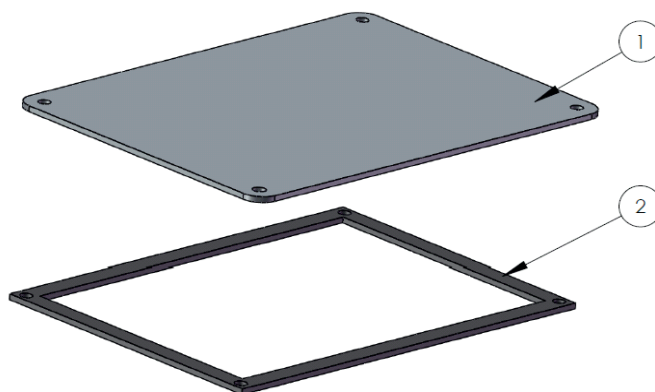
Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	0103577	Center Plate Doser Valve 4000 MKII	1	pc	LRU
2	0103578	Ballbearing W61818-2RS1	1	pc	LRU

Doser Valve 4000 Chamber Assembly MKII #0103614



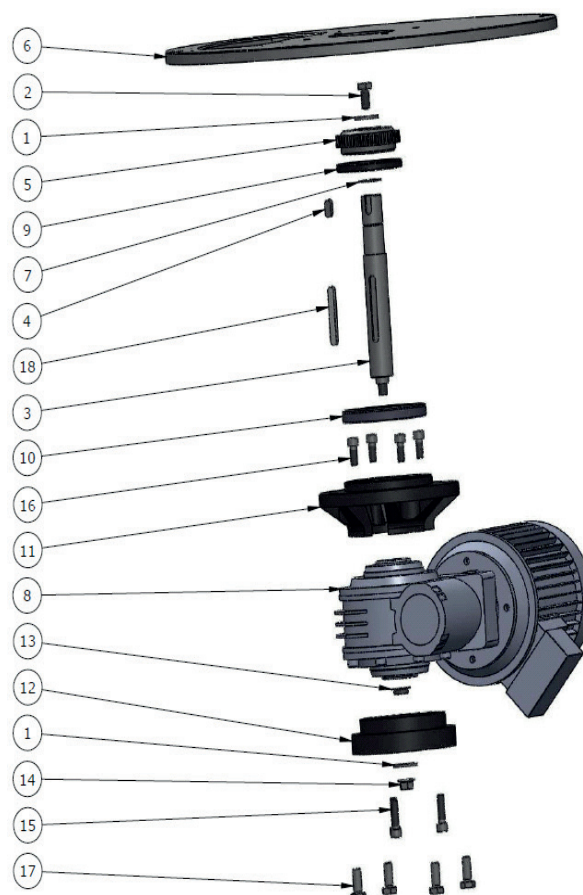
Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	20181	Dosing Chamber Doser Valve 4000	1	pc	LRU
2	10322	Neosponge Ø6 mm	2,6	m	LRU

Inspection Lid Doser 4000 #0104225



Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	20198	Inspection Lid Doser 4000	1	pc	LRU
2	10094	Gasket Neosponge 3x10 mm w/glue	0,7	m	LRU

Doser Valve 4000- Bottom Assembly MKII #0103595



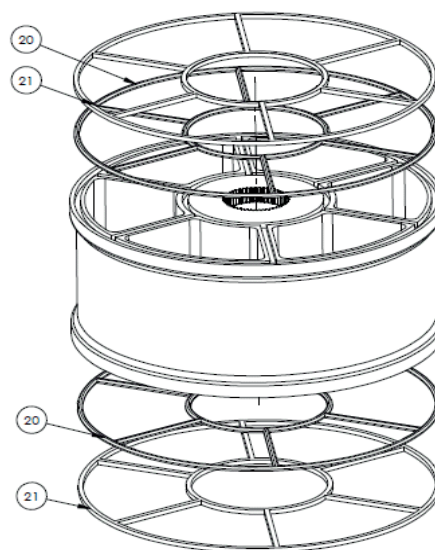
Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	90211004	Washer M10 D=30	2	pc	LRU
2	93310204	Screw Hex Head M10x20	1	pc	LRU
3	0103597	Doser Valve 4000 - Drive Shaft MKII	1	pc	LRU
4	0103548	Axle-key 8x7x18 mm SS A2	1	pc	LRU
5	0103552	Gear Drive Doser Valve 4000 (Short)	1	pc	LRU
6	0103603	Doser Valve 4000 - Bottom Plate MKII	1	pc	LRU
7	10391	Snap Ring A-25	1	pc	LRU
8	0103602	Motor/Gear Doser CF4000 MKII	1	pc	LRU
9	0104205	Doser Valve 4000 - Plugg Lower MKII	1	pc	LRU
10	0103598	Seal - Oil Seal 105x12x82	1	pc	LRU
11	0103596	Doser Valve 4000 - Flange Main M/G MKII	1	pc	LRU
12	0103601	Doser Valve 4000 - Handle Lower MKII	1	pc	LRU
13	0103600	Sleeve Bearing Ø24/18/16x6	1	pc	LRU
14	69231004	Nut Groved M10	1	pc	LRU
15	91208304	Screw Cyl Hex Head M8x30	3	pc	LRU
16	91208204	Screw Cyl Hex Head M8x20	4	pc	LRU
17	93310254	Screw Hex Head M10x25	4	pc	LRU
18	0102805	Axle-key 8x7x60 mm SS A2	1	pc	LRU

Center Assembly Doser Valve 4000 MKII #0103575



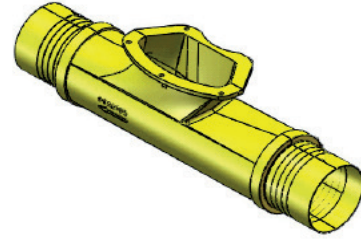
Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	0103576	Feeder Unit Doser Valve 4000 MKII	1	pc	LRU
2	0104234	Center Plate Doser Valve 4000 MKII Assy	1	pc	BOM page 62
3	0103579	Feeder Unit Sleeve Doser Valve 4000 MKII	1	pc	LRU
4	0102805	Axle-key 8x7x60 mm SS A2	1	pc	LRU
5	0103580	Nut M40x1,5	1	pc	LRU

Doser CF4000 Repair Kit #60099



Position	Number	Item Name	Quantity	Unit	BOM/LRU
20	20194	Gasket Doser Valve 4000	2	pc	LRU
21	0102712	Base Gasket Doser 4000 Silicone 20Sh	2	pc	LRU

Outlets Dosers



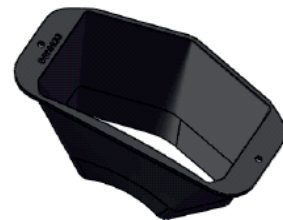
Position	Number	Item Name	Quantity	Unit	BOM/LRU
	0100083	Outlet VariDoser CF90	optional	pc	LRU
	0100183	Outlet VariDoser CF63	optional	pc	LRU
	20122	Outlet VariDoser CF32	optional	pc	LRU
	20398	Outlet 4000/90mm Doser	optional	pc	LRU
	0102958	Doser 1500 Vari - Outlet CF110	optional	pc	LRU
	0103003	Outlet Doser 4000 - CF110	optional	pc	LRU

Gasket for outlets

Position	Number	Item Name	Quantity	Unit	BOM/LRU
	20219	Gasket Outlet Doser Valve 4000	1	pc	LRU
	20248	Gasket Outlet Doser Valve 1000	1	pc	LRU

Dosing Funnel Doser Valve 4000 (50g dose)

#0104160



Position	Number	Item Name	Quantity	Unit	BOM/LRU
	0104160	Dosing Funnel Doser Valve 400 (50g dose)	1	pc	LRU

Feeder Unit Doser Valve 4000 (50g dose)

#0104159



Position	Number	Item Name	Quantity	Unit	BOM/LRU
	0104159	Feeder Unit Doser Valve 4000 (50g dose)	1	pc	LRU

Feeder Unit Doser Valve 4000 MKII (50g dose)

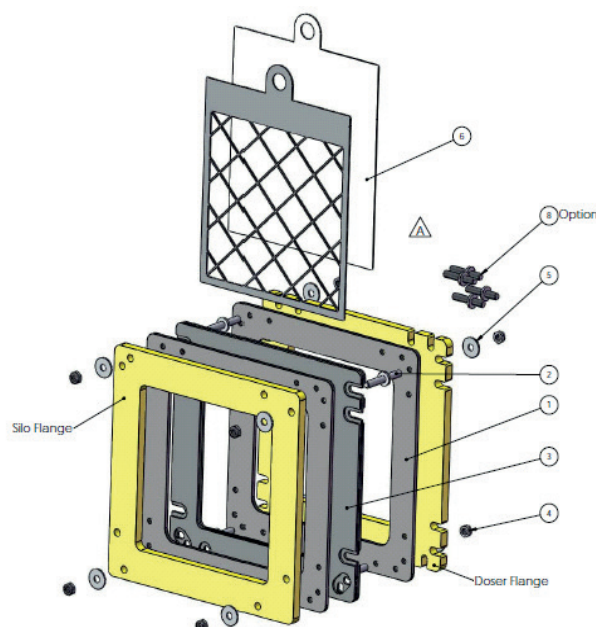
#0106236



Position	Number	Item Name	Quantity	Unit	BOM/LRU
	0106236	Feeder Unit Doser Valve 4000 MKII (50g dose)	1	pc	LRU

Silo Blocking Device - CF

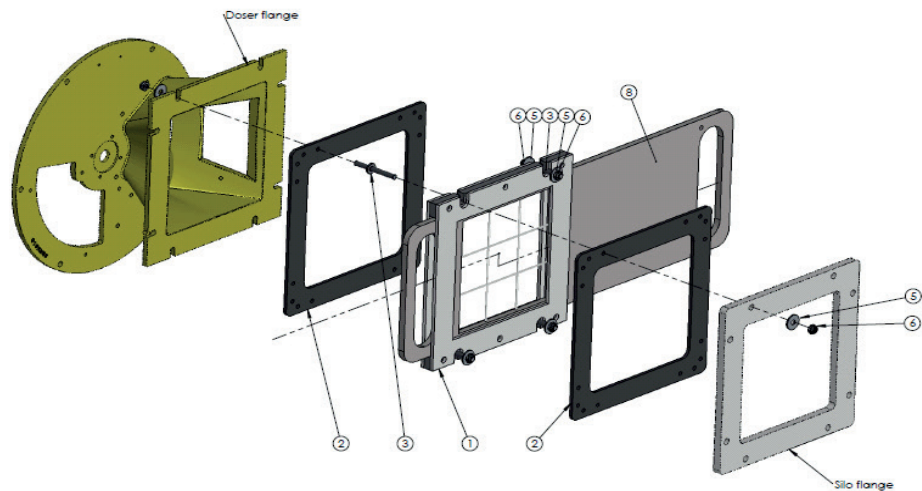
#0100220



Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	0100074	Gasket, Silo Blocking Device	2	pc	LRU
2	20146	Combibolt, Silo Blocking Device	4	pc	LRU
3	20151	Weld Assy. Silo Blocking Device	1	pc	LRU
4	9850804	Nut Nylock M8	8	pc	LRU
5	90210804	Washer M8	8	pc	LRU
6	20143	Trapdoor, Silo Blocking Device	1	pc	LRU
8	20150	Combibolt, Silo Block, Helland	4	pc	LRU

Silo Gate Valve

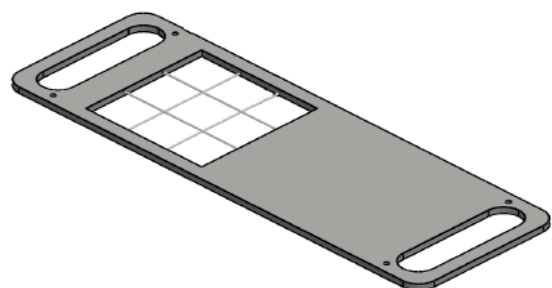
#0102928



Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	0102929	Feed Blocking Device, Weld assy	1	pc	LRU
3	10000930	Trap Door Combo	1	pc	LRU
4	0100074	Gasket Silo Blocking Device	2	pc	LRU
5	0102938	Combibolt, Feed Blocking Device	4	pc	LRU
7	90210804	Washer M8, large	8	pc	LRU
8	9850804	Nut Nylock M8	8	pc	LRU
10	0102939	Combibolt, Feed Blocking Device, Helland	4	pc	LRU
11	91208164	Screw Hex Socket M8x16	4	pc	LRU

Trap Door Combo

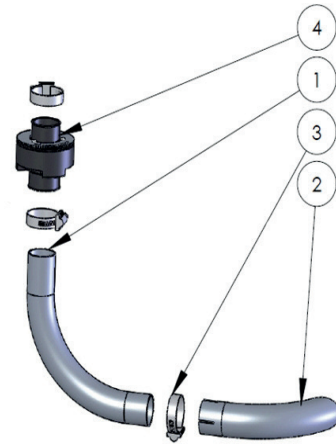
#10000930



Position	Number	Item Name	Quantity	Unit	BOM/LRU
	10000930	Trap Door combo	1	pc	LRU

Rotary Spreader RS32-T

#0102621



Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	0102875	Rotary Spreader 32mm - Center Pipe	1	pc	LRU
2	0102876	Rotary Spreader 32mm - Outlet Pipe	1	pc	LRU
3	0102629	Hose Clamp AWAB 26-38mm	3	pc	LRU
4	0104229	Rotary Spreader 32mm - Bearing Assy	1	pc	LRU

Rotary Spreader RS63-T

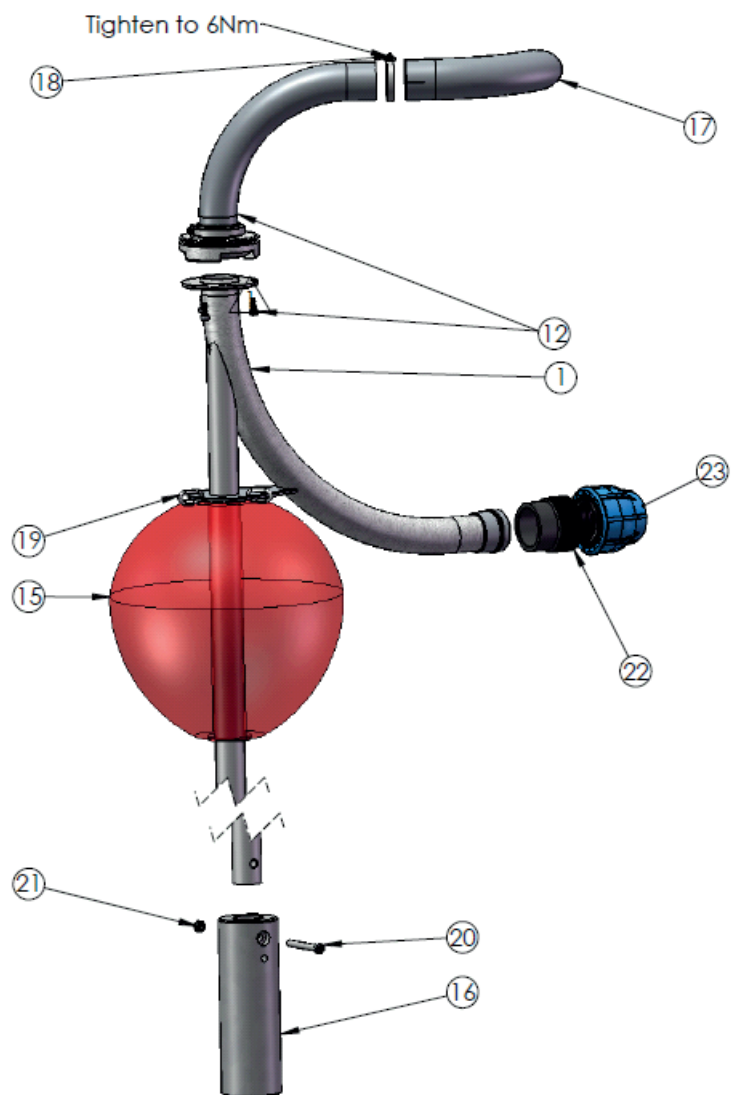
#0102918



Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	0102924	Rotary Spreader 63mm - Center Pipe	1	pc	LRU
2	0102925	Rotary Spreader 63mm - Outlet Pipe	1	pc	LRU
3	0102919	Rotary Spreader 63mm - Bearing Assy	1	pc	LRU
4	0103382	Hose Clamp AWAB 50-65mm	3	pc	LRU

Rotary Spreader RS63C R450

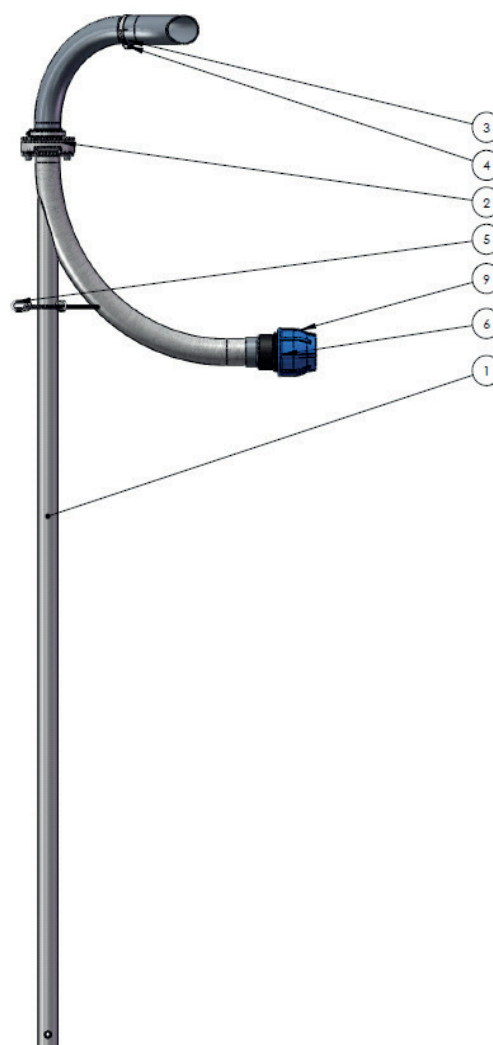
#0103149



Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	0103150	Rotary Spreader CF63 - Weld Assembly	1	pc	LRU
12	0106155	Rotary Spreader 63mm - Bearing Assy R450	1	pc	LRU
15	0101962	Buoy CC2	1	pc	LRU
16	0101897	Rotary Spreader - Weight	1	pc	LRU
17	0105193	Rotary Spreader 63mm - Outlet Pipe R450	1	pc	LRU
18	0103382	Hose Clamp AWAB 50-65mm	1	pc	LRU
19	0102135	MntEq Carabin Hook 5mm 316 QuickLink	3	pc	LRU
20	91210904	Screw Cyl Hex Head M10x90	1	pc	LRU
21	9851004	Nut Nylock M10	1	pc	LRU
22	0103156	Rotary Spreader CF63 - Union House	1	pc	LRU
23	60040	Pipe Joint Union CF63	0,5	pc	LRU

Rotary Spreader CF63 wo/ Buoy and Weight

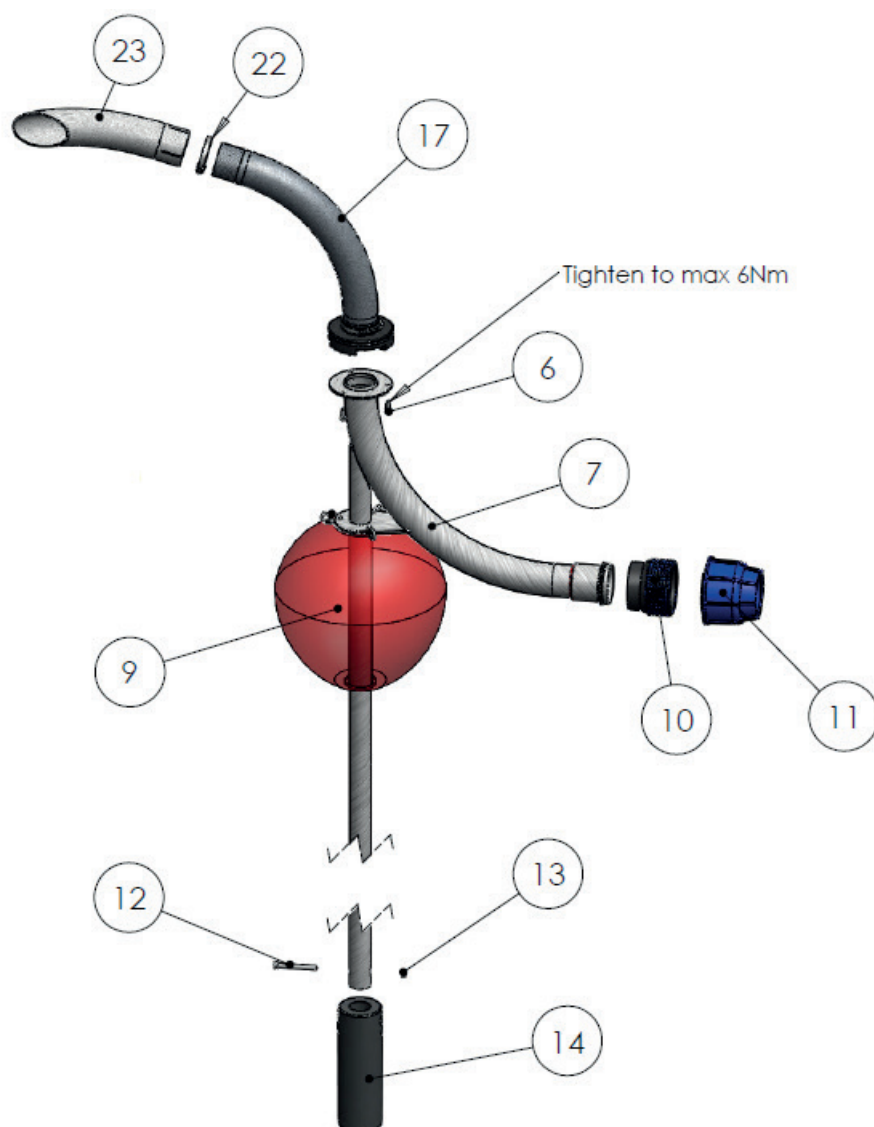
#0105530



Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	0103150	Rotary Spreader CF63 - Weld Assembly	1	pc	LRU
2	0106155	Rotary Spreader (ST) 63mm – Bearing Assy	1	pc	LRU
3	0105193	Rotary Spreader 63mm – Outlet Pipe R450	1	pc	LRU
4	0103382	Hose Clamp AWAB 50-65mm	1	pc	LRU
5	0102135	MntEq Carabin Hook 5mm 316 QuickLink	3	pc	LRU
6	0103156	Rotary Spreader CF63 – Union House	1	pc	LRU
9	60040	Pipe Joint Union CF63	0,5	pc	LRU

Rotary Spreader CF90

#0101900



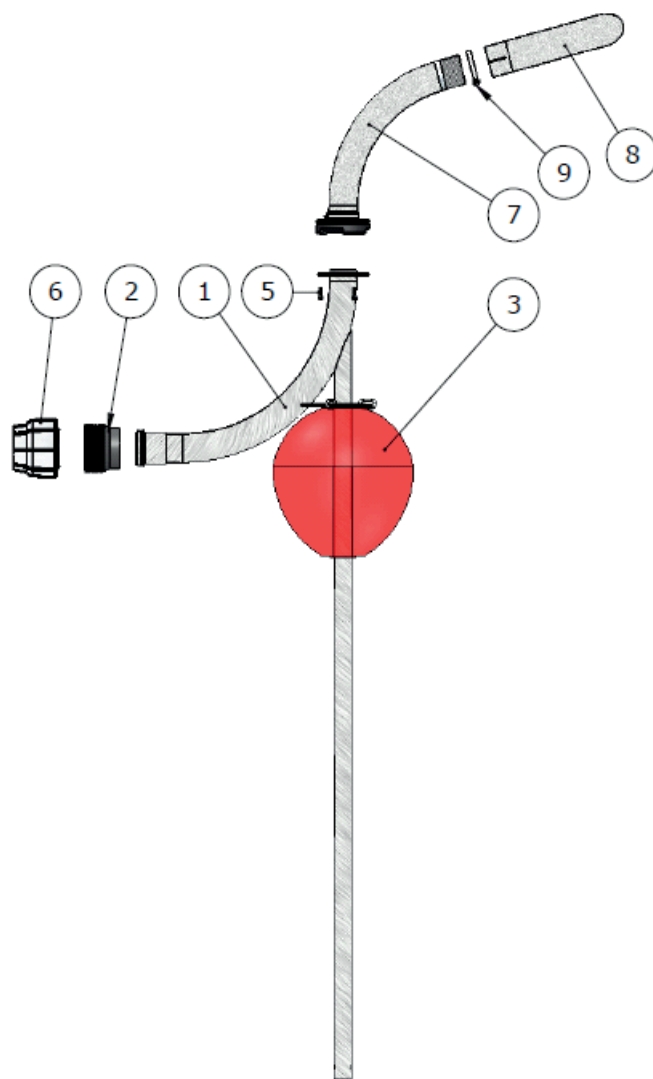
Position	Number	Item Name	Quantity	Unit	BOM/LRU
6	91208204	Screw Cyl Hex Head M8x20	3	pc	LRU
7	0102134	Rotary Spreader - Weld Assembly	1	pc	LRU
9	0101962	Buoy CC2	1	pc	LRU
10	0101895	Rotary Spreader - Union House	1	pc	LRU
11	60039	Pipe Joint Union 90mm	0,5	pc	LRU
12	91210904	Screw Cyl Hex Head M10x90	1	pc	LRU
13	9851004	Nut Nylock M10	1	pc	LRU
14	0101897	Rotary Spreader - Weight	1	pc	LRU
17	0103800	Rotary Spreader - Bearing Assembly V2	1	pc	LRU
22	0102357	Hose Clamp AWAB 65-85mm	1	pc	LRU
23	0103588	Rotary Spreader - Outlet Pipe V2	1	pc	LRU

This item is no longer available for sale in the Norwegian marked.

For new upgraded model please see item 10000409, page 75

Rotary Spreader RS90C wo/ Weight

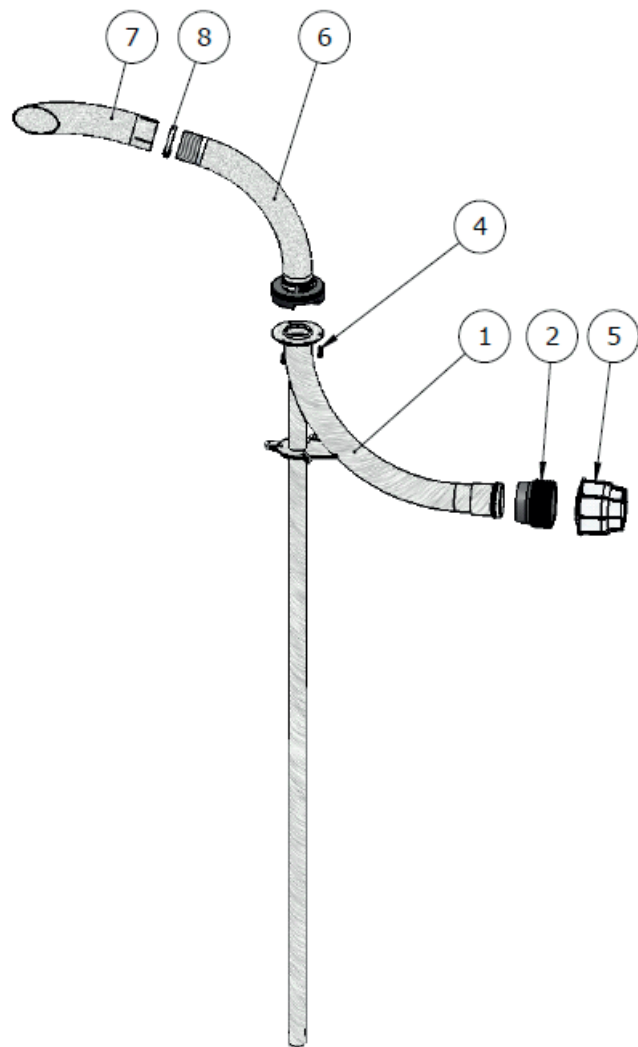
#0105436



Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	0102134	Rotary Spreader – Weld Assembly	1	pc	LRU
2	0101895	Rotary Spreader – Union House	1	pc	LRU
3	0101962	Buoy CC2	1	pc	LRU
5	91208204	Screw Hex Socket M8x20	3	pc	LRU
6	60039	Pipe Joint Union 90mm	0,5	pc	LRU
7	0103800	Rotary Spreader – Bearing Assembly V2	1	pc	LRU
8	0103588	Rotry Spreader – Outlet Pipe V2	1	pc	LRU
9	0102357	Hose Clamp AWAB 65-85mm	1	pc	LRU

Rotary Spreader RS90C wo/ Buoy and Weight

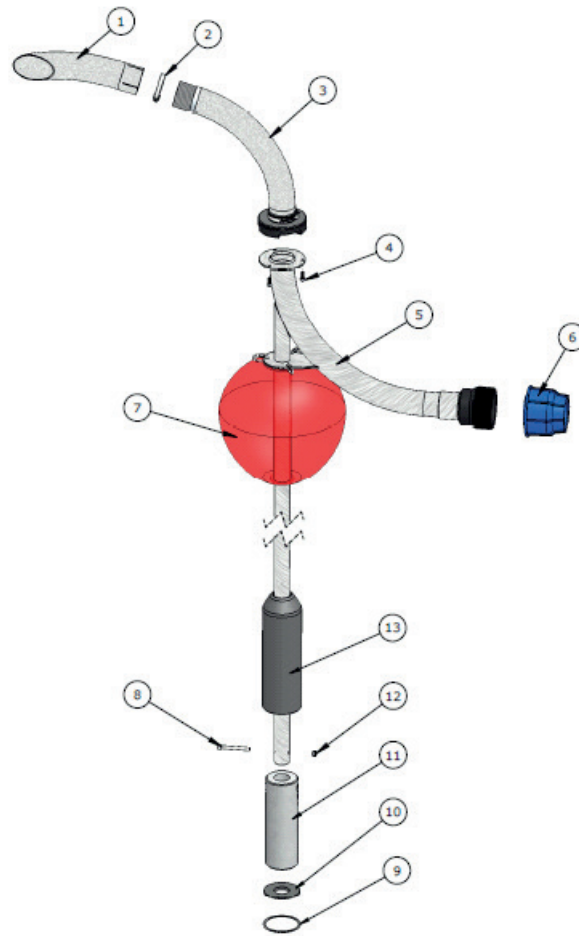
#0105435



Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	0102134	Rotary Spreader – Weld Assembly	1	pc	LRU
2	0101895	Rotary Spreader – Union house	1	pc	LRU
4	91208204	Screw Hex Socket M8x20	3	pc	LRU
5	60039	Pipe Joint Union 90mm	0,5	pc	LRU
6	0103800	Rotary Spreader – Bering Assembly V2	1	pc	LRU
7	0103588	Rotary Spreader – Outlet Pipe V2	1	pc	LRU
8	0102357	Hose Clamp AWAB 65-85mm	1	pc	LRU

Rotary Spreader CF90 Single

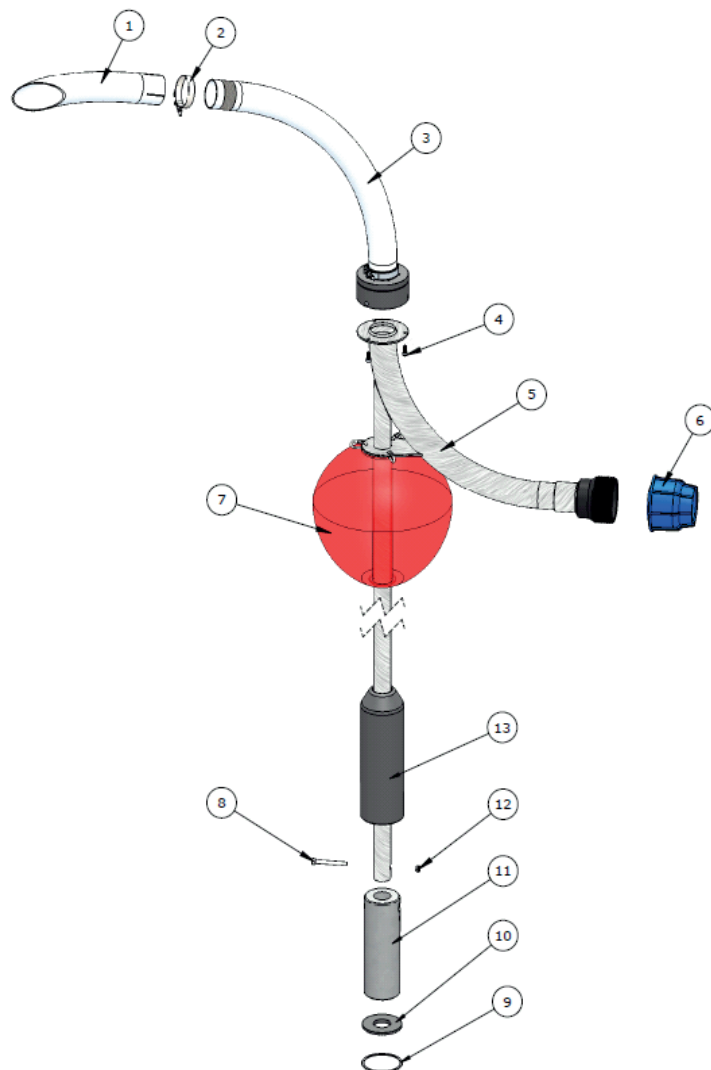
#10000409



Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	0103588	Rotary Spreader - Outlet Pip V2	1	pc	LRU
2	0102357	Hose Clamp AWAB 65-85mm A316	1	pc	LRU
3	0103800	Rotary Spreader - Bearing Assembly V2	1	pc	LRU
4	91208204	Screw Hex Socket M8x20	3	pc	LRU
5	0102134	Rotary Spreader - Bottom Asssembly	1	pc	LRU
6	60039	Pipe Joint Union 90mm	0,5	pc	LRU
7	0101962	Buoy CC2	1	pc	LRU
8	91210904	Screw Hex Socket M10x90	1	pc	LRU
9	0106182	Retaining Ring EH-112-S16	1	pc	LRU
10	0106170	Rotary Spreader - Weight Cover Lid MKII	1	pc	LRU
11	0101897	Rotary Spreader - Weight	1	pc	LRU
12	91210904	Screw Hex Socket M10x90	1	pc	LRU
13	0106169	Rotary Spreader - Weight Cover MKII	1	pc	LRU

Rotary Spreader CF90 Double

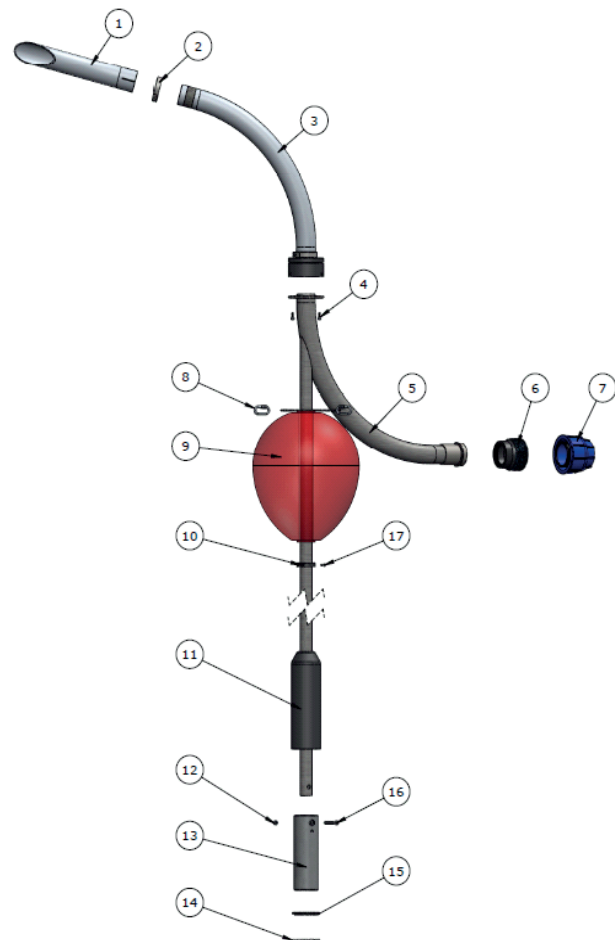
#10000413



Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	0106117	Rotary Spreader 90mm - Outlet Pipe R450	1	pc	LRU
2	0104902	Hose Clamp T-Bolt C2795N 316	1	pc	LRU
3	0106234	Rotary spreader CF90 - Bearing Assembly DL	1	pc	LRU
4	91208204	Screw Hex Socket M8x20	3	pc	LRU
5	0102134	Rotary Spreader - Bottom Assembly	1	pc	LRU
6	60039	Pipe joint Union 90mm	0,5	pc	LRU
7	0101962	Buoy CC2	1	pc	LRU
8	91210904	Screw Hex Socket M10x90	1	pc	LRU
9	0106182	Retaining Ring EH-112-S16	1	pc	LRU
10	0106170	Rotary Spreader - Weight Cover Lid MKII	1	pc	LRU
11	0101897	Rotary Spreader - Weight	1	pc	LRU
12	9851004	Nut Nylock M10	1	pc	LRU
13	0106169	Rotary Spreader - Weight Cover MKII	1	pc	LRU

Rotary Spreader CF90 Double XL

#10000415



Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	0104685	Rotary Spreader 90mm - Outlet Pipe R600	1	pc	LRU
2	0104902	Hose Clamp T-Bolt C2795N 316	1	pc	LRU
3	0104669	Rotary Spreader CF90 - Bearing Asssemlly R600	1	pc	LRU
4	91208204	Screw Hex Socket M8x20	3	pc	LRU
5	0104822	Rotary Spreader CF90 - Weld Asssemlly R600	1	pc	LRU
6	0101895	Rotary Spreader - Union House	1	pc	LRU
7	60039	Pipe Joint Union	0,5	pc	LRU
8	0104932	MntEq Carabin hook 8mm 316 QuickLink	3	pc	LRU
9	0104609	Buoy CC3	1	pc	LRU
10	0104573	rotary Spreader - Weight Pole Clamp	1	pc	LRU
11	0106169	Rotary spreader - Weight Cover MKII	1	pc	LRU
12	9851004	Nut Nylock M10	1	pc	LRU
13	0101897	Rotary Spreader- Weight	1	pc	LRY
14	0106182	Retaining Ring EH-112-S16	1	pc	LRU
15	0106170	Rotary Spreader - Weight Cover Lid MKII	1	pc	LRU
16	91210904	Screw Hex Socket M10x90	1	pc	LRU
17	91206254	Screw Hex Socket M6x25	1	pc	LRU

Rotary Spreader CF90 Bearing Upgrade DL R600

#0104912



Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	0104669	Rotary Spreader CF90 – Bearing assembly R600	1	pc	LRU
2	0104685	Rotary Spreader 90mm – Outlet Pipe R600	1	pc	LRU
3	0104902	Hose Clamp T-Bolt C2795N 316	1	pc	LRU
4	91208204	Screw Hex Socket M8x20	3	pc	LRU

Rotary Spreader CF90 Bearing Upgrade --> DL R450

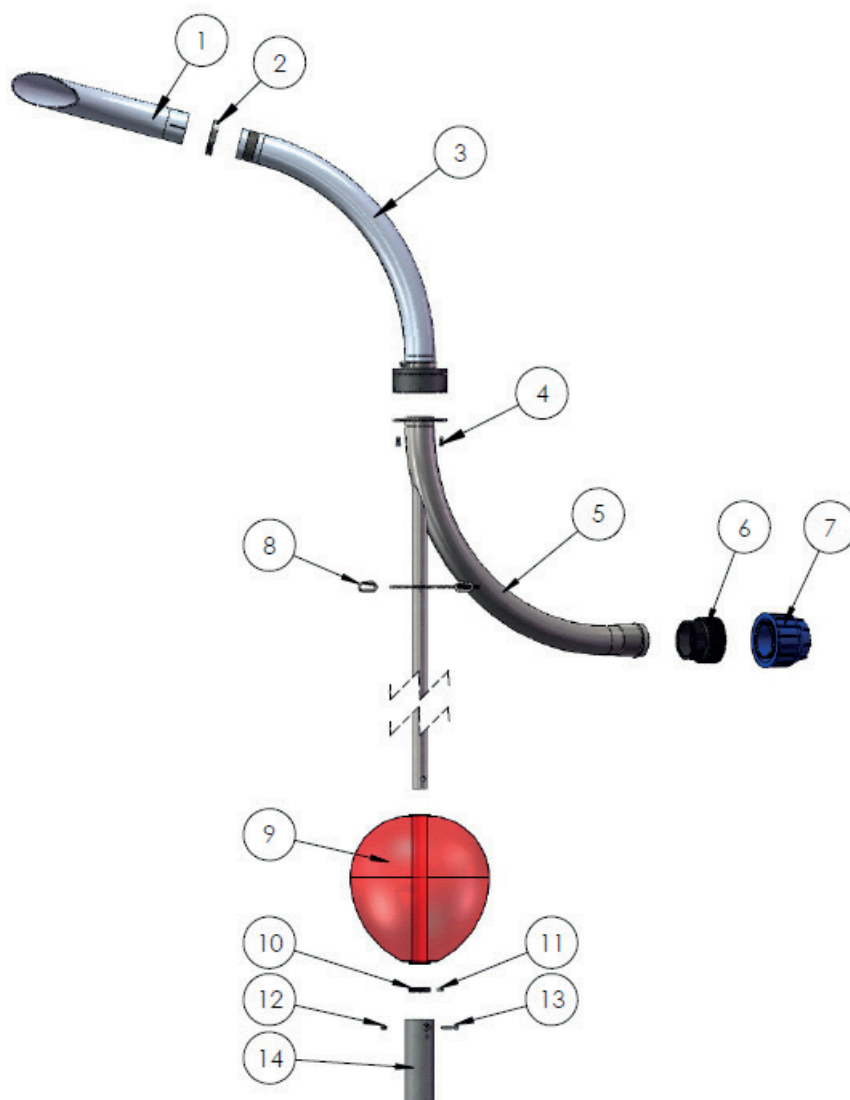
#10000429



Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	0106234	Rotary Spreader CF90 - Bearing Assy DL R450	1	pc	LRU
2	0106117	Rotary Spreader 90mm - Outlet Pipe R450	1	pc	LRU
3	0104902	Hose Clamp T-Bolt C2795N 316	1	pc	LRU
4	91208204	Screw Hex Socket M8x20	3	pc	LRU

Rotary Spreader RS110C MKII

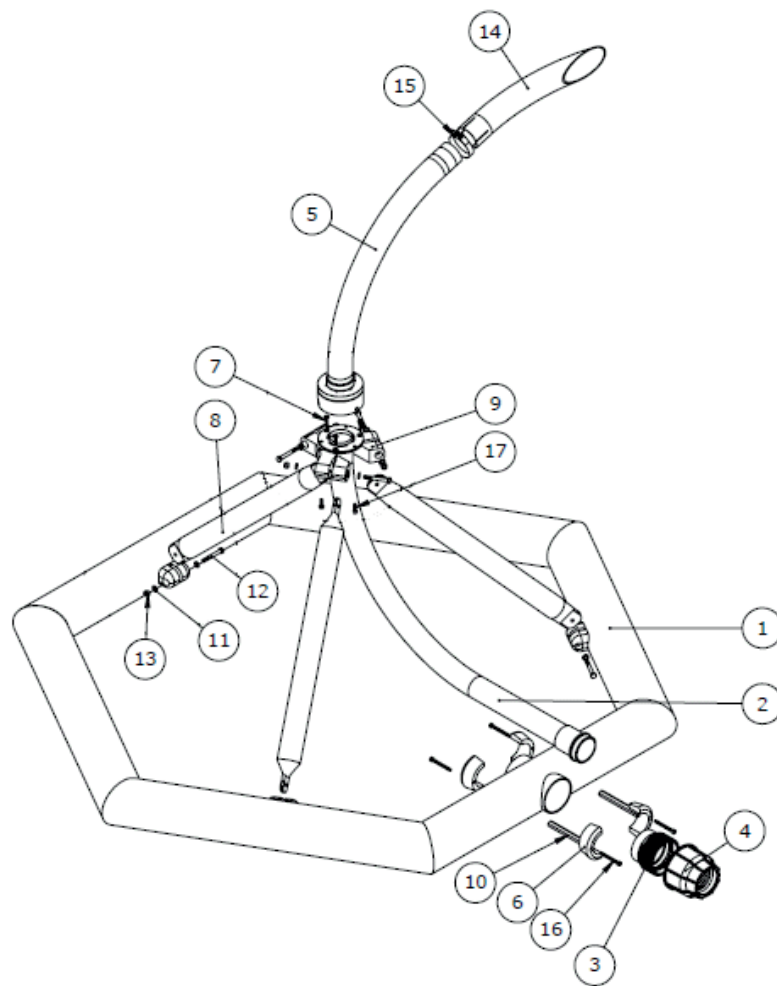
#0104541



Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	0104298	Rotary Spreader CF110 – Outlet Pipe R750	1	pc	LRU
2	0104611	Hose Clamp T-Bolt C2798N	1	pc	LRU
3	0104539	Rotary Spreader CF110 – Bearing Assembly DL	1	pc	LRU
4	91208204	Screw Hex Socket M8x20	3	pc	LRU
5	0104507	Rotary Spreader CF110 – Weld Assembly R750	1	pc	LRU
6	0103164	Rotary Spreader CF110 – Union House	1	pc	LRU
7	0103066	Pipe Joint Union CF110	0,5	pc	LRU
8	0104932	MntEq Carabin Hook 8mm 316 QuickLink	3	pc	LRU
9	0104609	Buoy CC3	1	pc	LRU
10	0104573	Rotary Spreader – Weight Pole Clamp	2	pc	LRU
11	91206254	Screw Hex Socket M6x25	2	pc	LRU
12	9851004	Nut Nylock M10	1	pc	LRU
13	91210904	Screw Hex Socket M10x90	1	pc	LRU
14	0101897	Rotary Spreader - Weight	1	pc	LRU

RotorSpreader Hex

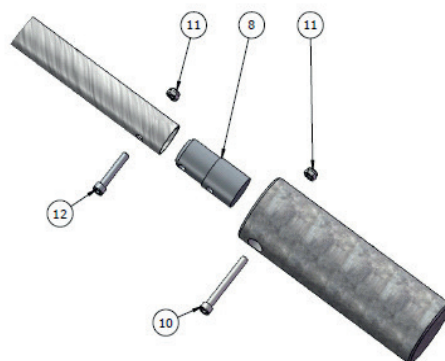
#10001356



Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	10001354	RotorSpreader Hex Base	1	pc	LRU
2	10001276	Hex Rotary Spreader	1	pc	LRU
3	0101895	Rotary Spreader - Union House	1	pc	LRU
4	60039	Pipe Joint Union 90mm	0,5	pc	LRU
5	0104669	Rotary Spreader CF90 - Bearing Assembly DL	1	pc	LRU
6	10001360	RotorSpreader Hex Feed Tube Clamp	4	pc	LRU
7	10000254	Screw M8x35	3	pc	LRU
8	10001274	Hex Crimped Tube	3	pc	LRU
9	10001270	RotorSpreader Hex Clamp	1	pc	LRU
10	10001405	HEX - Tie Bolt	2	pc	LRU
11	0104048	Washer M10 FZV	12	pc	LRU
12	93110804	Screw Hex Head M10x80	6	pc	LRU
13	12985104	Nut Nylock M10	6	pc	LRU
14	0104685	Rotary Spreader 90mm - Outlet Pipe R600	1	pc	LRU
15	0104902	Hose Clamp T-Bolt C2795N 316	1	pc	LRU
16	91208804	Screw Hex Socket M8x80	4	pc	LRU
17	91208254	Screw Hex Socket M8x25	3	pc	LRU

Rotary Spreader - Upgrade Kit

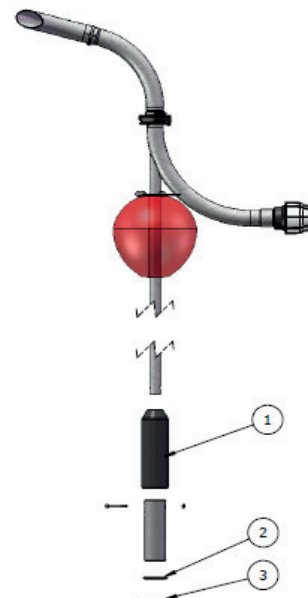
#0104170



Position	Number	Item Name	Quantity	Unit	BOM/LRU
8	0104117	Rotary Spreader – Extension Pin	1	pc	LRU
10	91210904	Screw Hex Socket M10x90	1	pc	LRU
11	9851004	Nut Nylock M10	2	pc	LRU
12	0100164	Screw Hex Socket M10x60	1	pc	LRU

Rotary Spreader - Weight Cover Kit MKII

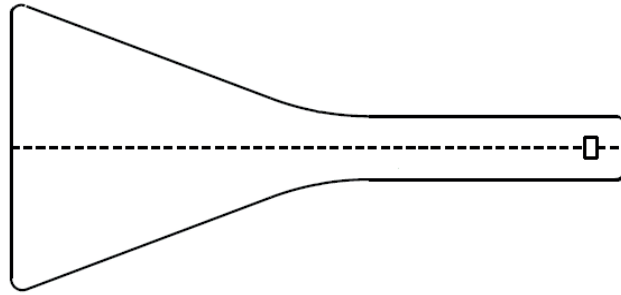
#0106172



Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	0106169	Rotary Spreader – Weight Cover MKII	1	pc	LRU
2	0106170	Rotary spreader – Weight Cover Lid MKII	1	pc	LRU
3	0106182	Retaining Ring EH-112-S16	1	pc	LRU

Feed Spreader 63mm w/ Cable-ties

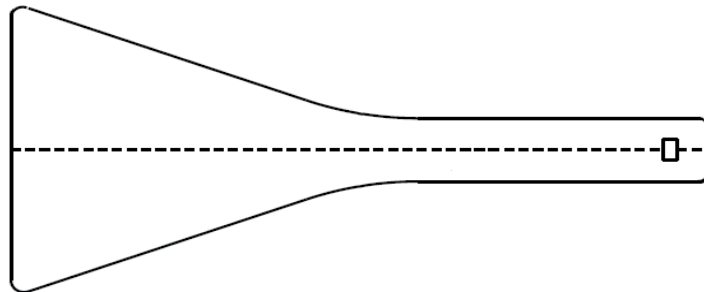
#60043



Position	Number	Item Name	Quantity	Unit	BOM/LRU
	13 450 42	Cable-ties 7,8x540mm Black	2	pc	LRU
	20092	Feed Spreader 63mm	1	pc	LRU

Feed Spreader 90mm w/ Cable-ties

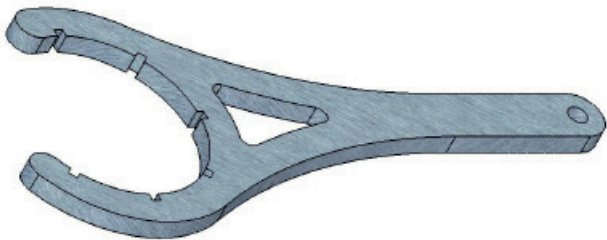
#60042



Position	Number	Item Name	Quantity	Unit	BOM/LRU
	13 450 42	Cable-ties 7,8x540mm Black	2	pc	LRU
	20097	Feed Spreader 90mm	1	pc	LRU

Rotary Spreader - Mounting Tool

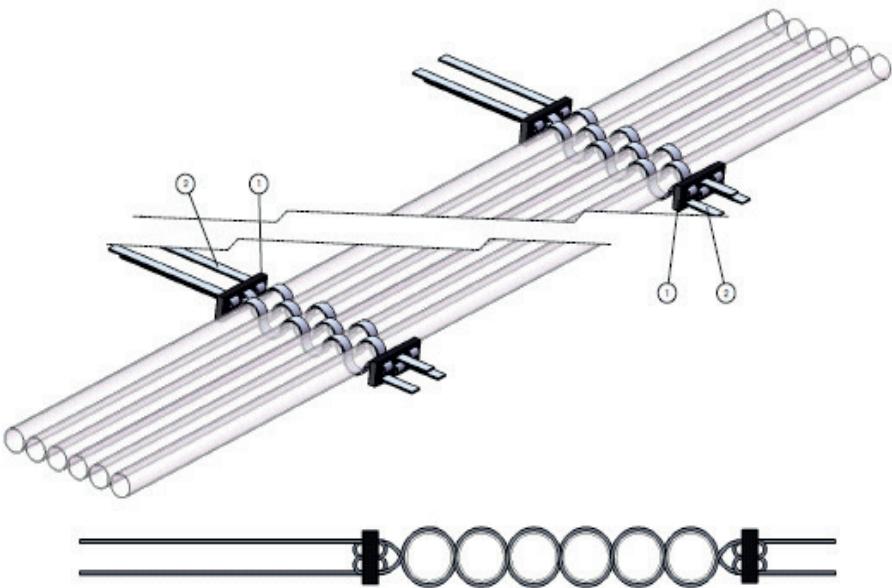
#0102179



Position	Number	Item Name	Quantity	Unit	BOM/LRU
	0102179	Rotary Spreader - Mounting Tool	1	pc	LRU

Locking System 2-22 Hoses

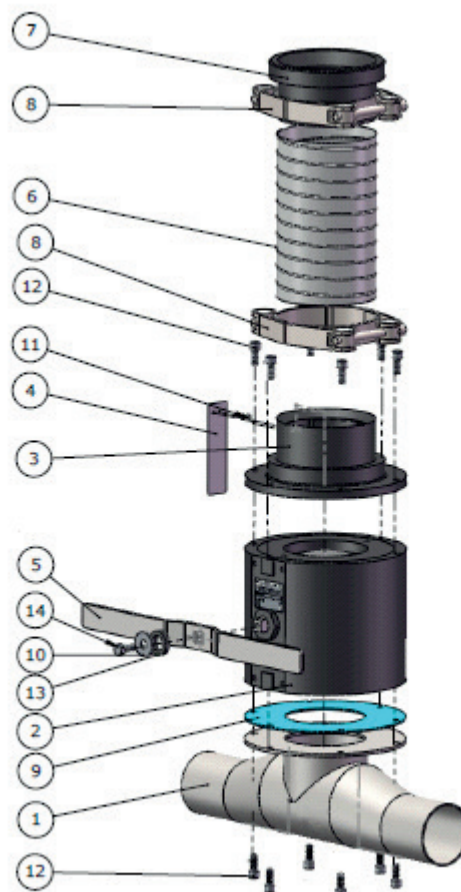
#0104830



Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	0104828	Bracket for Lockingsystem	8	pc	LRU
2	0104945	Rubberband 25m for Hose Locking	1	pc	LRU

Feed Pipe Cleaner Manual w/ handle

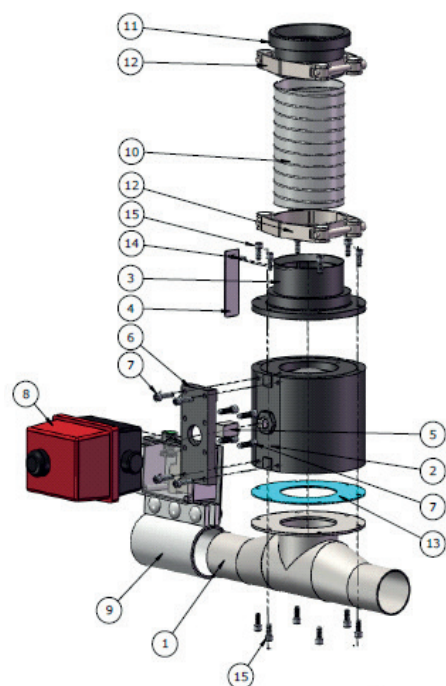
#10001018



Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	10000777	Ball Valve ASM T-pipe	1	pc	LRU
2	10001019	Housing Feed Pipe Cleaner	1	pc	LRU
3	10001010	Feed Pipe Cleaner Mag	1	pc	LRU
4	10000933	Feed Pipe Cleaner Tongue	1	pc	LRU
5	10000781	Handle Feed Pipe Cleaner	1	pc	LRU
6	10001030	PU Flex Tube Feed Pipe Cleaner	2	m	LRU
7	10001027	Pipe End Feed Pipe Cleaner	1	pc	LRU
8	10001079	Hose Clamp HPJ 116-126mm	2	pc	LRU
9	10000869	Seal Flange Ø194,6x2	1	pc	LRU
10	90211004	Washer M10 D=30	1	pc	LRU
11	10000480	Screw Hex Socket M3x10	2	pc	LRU
12	91208204	Screw Hex Socket M8x20	12	pc	LRU
13	10001484	Feed pipe Cleaner Manual Handle Washer	1	pc	LRU
14	93308204	Screw Hex Head M8x20	1	pc	LRU

Feed Pipe Cleaner Motorized

#10001020



Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	10000777	Ball Valve ASM T-Pipe	1	pc	LRU
2	10001019	Housing Feed Pipe Cleaner	1	pc	LRU
3	10001010	Feed Pipe Cleaner Mag	1	pc	LRU
4	10000933	Feed Pipe Cleaner Tongue	1	pc	LRU
5	10001013	Feed Pipe Cleaner Actuator Transition	1	pc	LRU
6	10001005	Feed Pipe Cleaner Actuator Bracket	1	pc	LRU
7	91208304	Screw Hex Socket M8x30	8	pc	LRU
8	10001024	Actuator Feed Pipe Cleaner	1	pc	LRU
9	10001063	Start Feed Pipe Cleaner	1	pc	LRU
10	10001030	PU Flex Tube Feed Pipe Cleaner	2	m	LRU
11	10001027	Pipe End Feed Pipe Cleaner	1	pc	LRU
12	10001079	Hose Clamp HPJ 116-126mm	2	pc	LRU
13	10000869	Seal Flange Ø194,6x2	1	pc	LRU
14	10000480	Screw Hex Socket M3x10	2	pc	LRU
15	91208204	Screw Hex Socket M8x20	12	pc	LRU

* Not suitable with item 10000409 - Rotary spreader single unless the outlet pipe is removed

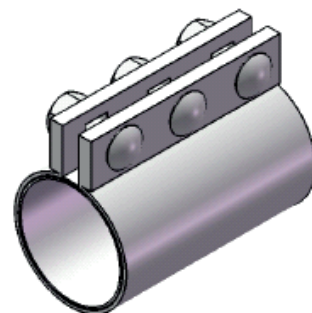
Pipe Cleaning Ball Ø90 soft

#10000571



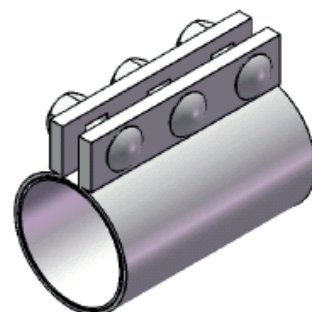
Position	Number	Item Name	Quantity	Unit	BOM/LRU
	10000571	Pipe Cleaning Ball Ø90 Soft	1	pc	LRU

Pipe Coupling 29,9mm



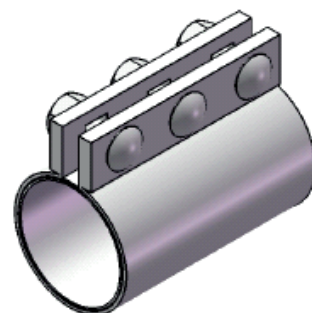
Position	Number	Item Name	Quantity	Unit	BOM/LRU
	0105464	Pipe Coupling 29,9mm	1	pc	LRU
	0106748	Gasket Pipe Cououpling 29,9mm	1	pc	LRU

Pipe Coupling 33,7mm



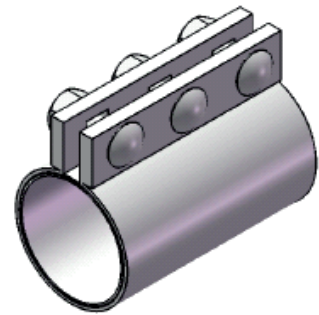
Position	Number	Item Name	Quantity	Unit	BOM/LRU
	0102284	Pipe Coupling 33,7mm	1	pc	LRU
	0102285	Gasket Pipe Coupling 33,7mm	1	pc	LRU

Pipe Coupling 60,3mm



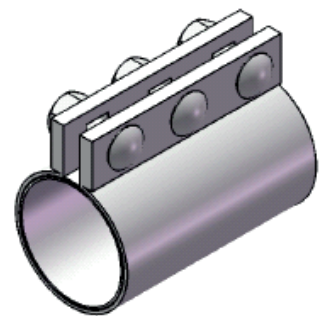
Position	Number	Item Name	Quantity	Unit	BOM/LRU
	10972	Pipe Coupling 60,3mm	1	pc	LRU
	0100687	Gasket Pipe Coupling 60,3mm	1	pc	LRU

Pipe Coupling 76,1mm



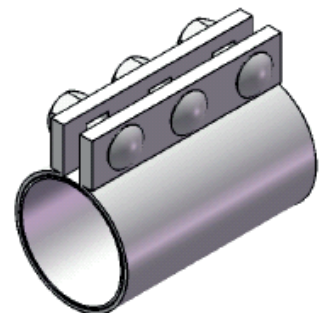
Position	Number	Item Name	Quantity	Unit	BOM/LRU
	10942	Pipe Coupling 76,1mm	1	pc	LRU
	0100688	Gasket Pipe Coupling 76,1mm	1	pc	LRU

Pipe Coupling 88,9mm



Position	Number	Item Name	Quantity	Unit	BOM/LRU
	0103911	Pipe Coupling 88,9mm	1	pc	LRU
	0104024	Gasket Pipe Coupling 88,9mm	1	pc	LRU

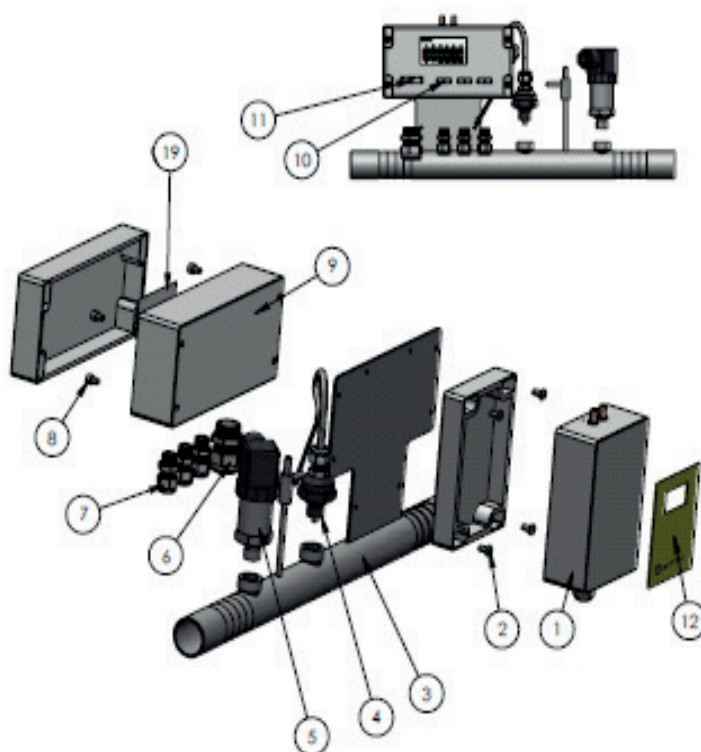
Pipe Coupling 101,6mm



Position	Number	Item Name	Quantity	Unit	BOM/LRU
	0103089	Pipe Coupling 101,6mm	1	pc	LRU

Sensor Meter Tube 30mm CCS

#0103688



Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	0101126	Ins. Air F. 0-50m/s Stationary	1	pc	LRU
2	0103615	Screw Pan Head M4x8	6	pc	LRU
3	0103679	Pipe Air Flow Sensor 30mm MKII Assy	1	pc	LRU
4	0103856	Temperature Probe G1/4 assy 30mm Pipe	1	pc	LRU
5	0103350	Sensor Pressure Transmitter 0-1,6 bar	1	pc	LRU
6	0102299	MntEq Nipple M20x1,5	1	pc	LRU
7	0103426	MntEq Nipple M12x1,5	3	pc	LRU
8	0102877	Screw Hex Socket M4x6	4	pc	LRU
9	0103413	Enclosure 160x80x65 Fibox with Holes	1	pc	LRU
10	0103682	Nut Counter M12x1,5	3	pc	LRU
11	0102300	Nut Counter M20x1,5	1	pc	LRU
12	0103734	Label Adh Ins. Air F.	1	pc	LRU
19	0105661	Label for Sensor Meter Tube 24 VDC	1	pc	LRU
	10922	Silica Gel Desiccant 10gr	1	pc	LRU
	0103619	Hose Silicone 5mm	0,8	m	LRU

Assy KIT Air Flow Supervision 30mm

#0106766

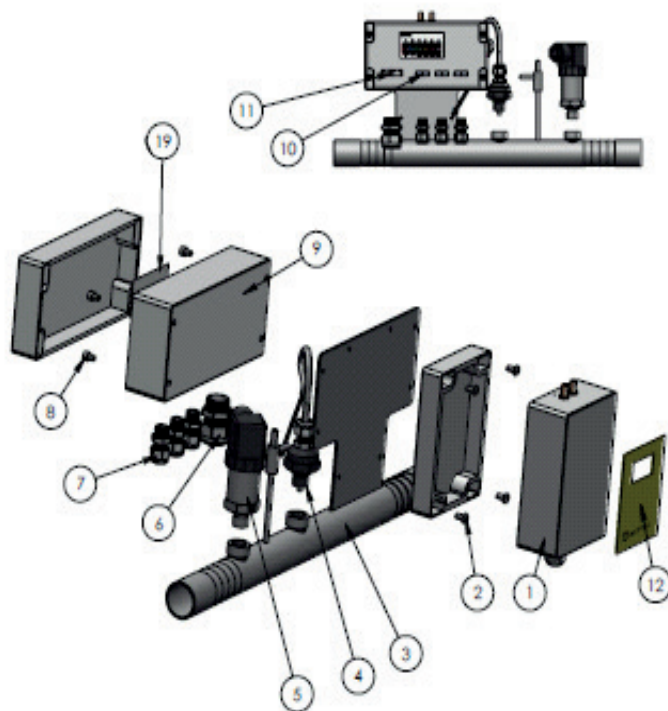
Position	Number	Item Name	Quantity	Unit	BOM/LRU
	0100622	Conn Wago 8 pin Sct Ccl uMCS	1	pc	LRU
	0105464	Pipe Coupling 29,9mm	2	pc	LRU
	60035	Hose Sponflex CF32 32mm 1 1/4"	2	m	LRU
	10306	Hose Clamp HPJ 30-35mm	4	pc	LRU
	13 450 42	Cable-ties 7,8x540mm Black	6	pc	LRU

Your Aquaculture Technology and Service Partner

AKVAGROUP™

Sensor Meter Tube 60,3mm CCS

#0103689



Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	0101126	Ins. Air F. 0-50m/s Stationary	1	pc	LRU
2	0103615	Screw Pan Head M4x8	6	pc	LRU
3	0103680	Pipe Air Flow Sensor 60,3mm MKII Assy	1	pc	LRU
4	0103612	Temperature Probe G1/4 Assy	1	pc	LRU
5	0103350	Sensor Pressure Transmitter 0-1,6 bar	1	pc	LRU
6	0102299	MntEq Nipple M20x1,5	1	pc	LRU
7	0103426	MntEq Nipple M12x1,5	3	pc	LRU
8	0102877	Screw Hex Socket M4x6	4	pc	LRU
9	0103413	Enclosure 160x80x65 Fibox with Holes	1	pc	LRU
10	0103682	Nut Counter M12x1,5	3	pc	LRU
11	0102300	Nut Counter M20x1,5	1	pc	LRU
12	0103734	Label Adh Ins. Air F.	1	pc	LRU
19	0105661	Label for Sensor Meter Tube 24 VDC	1	pc	LRU
	10922	Silica Gel Desiccant 10gr	1	pc	LRU
	0103619	Hose Silicone 5mm	0,8	m	LRU

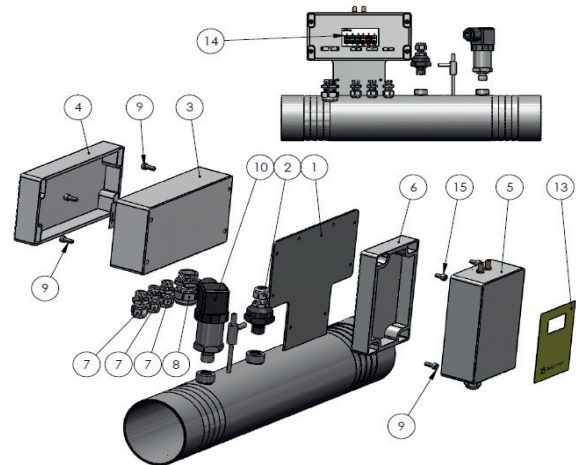
Assy KIT Air Flow Supervision 60,3mm

#0106765

Position	Number	Item Name	Quantity	Unit	BOM/LRU
	0100622	Conn Wago 8 pin Sct Ccl uMCS	1	pc	LRU
	10972	Pipe Coupling 60,3mm	2	pc	LRU
	0102115	Hose Sponflex CF63 60,3mm 2 3/8"	2	m	LRU
	10299	Hose Clamp HPJ 63-70Smm	4	pc	LRU
	13 450 42	Cable-ties 7,8x540mm Black	6	pc	LRU

Sensor Meter Tube 76,1mm CCS

#0103433



Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	0103417	Pipe Air Flow sensor 76,1mm MKII Assy	1	pc	LRU
2	0103612	Temperature Probe G1/4 Assy	1	pc	LRU
3	0103413	Enclosure 160x80x65 Fibox with holes	1	pc	LRU
5	0101126	Ins. Air F. 0-50m/s Stationary	1	pc	LRU
7	0103426	MntEq Nipple M12x1,5	3	pc	LRU
8	0102299	MntEq Nipple M20x1,5	1	pc	LRU
9	91204084	Screw Hex Socket M4x8	6	pc	LRU
10	0103350	Sensor pressure Transmitter 0-1,6 bar	1	pc	LRU
11	0102300	Nut Counter M20x1,5	1	pc	LRU
12	0103682	Nut Counter M12x1,5	3	pc	LRU
13	0103734	Label Adh Ins. Air F.	1	pc	LRU
14	0105661	Label Sensor Meter Tube 24 VDC	1	pc	LRU
15	91204104	Screw Hex Socket M4x10	2	pc	LRU
	10922	Silica Gel Desiccant 10gr	1	pc	LRU
	0103619	Hose Silicone 5mm	0,8	m	LRU

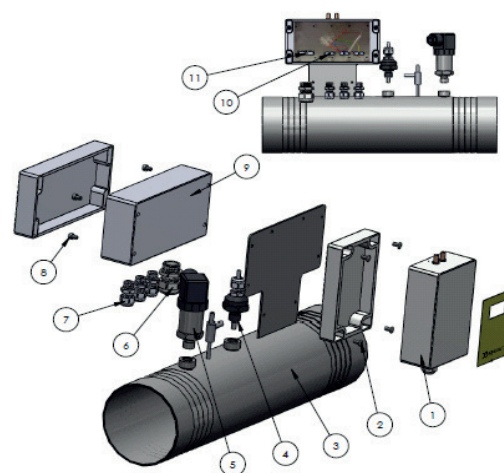
Assy KIT Air Flow Supervision 76,1mm

#0106763

Position	Number	Item Name	Quantity	Unit	BOM/LRU
	0100622	Conn Wago 8 pin Sct Ccl uMCS	1	pc	LRU
	10942	Pipe Coupling 76,1mm	2	pc	LRU
	0106888	Hose Sponflex CF90 76,1mm 3" fixed 2m lenght	1	pc	LRU
	10300	Hose Clamp HPJ 75-85mm	4	pc	LRU
	13 450 42	Cable-ties 7,8x540mm Black	6	pc	LRU

Sensor Meter Tube 101,6mm CCS

#0103690



Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	0101126	Ins. Air F. 0-50m/s Stationary	1	pc	LRU
2	0103615	Screw Pan Head M4x8	4	pc	LRU
3	0103681	Pipe Air Flow Sensor 101,6mm MKII assy	1	pc	LRU
4	0103612	Temperature Probe G1/4 Assy	1	pc	LRU
5	0103350	Sensor Prussure Transmitter 0-1,6 bar	1	pc	LRU
6	0102299	MntEq Nipple M20x1,5	1	pc	LRU
7	0103426	MntEq Nipple M12x1,5	3	pc	LRU
9	0103413	Enclosure 160x80x65 Fibox with Holes	1	pc	LRU
10	0103682	Nut Counter M12x1,5	3	pc	LRU
11	0102300	Nut Counter M20x1,5	1	pc	LRU
	0105661	Label for Sensor Meter Tube 24 VDC	1	pc	LRU
	10922	Silica Gel Desiccant 10gr	1	pc	LRU
	0103619	Hose Silicone 5mm	0,8	m	LRU

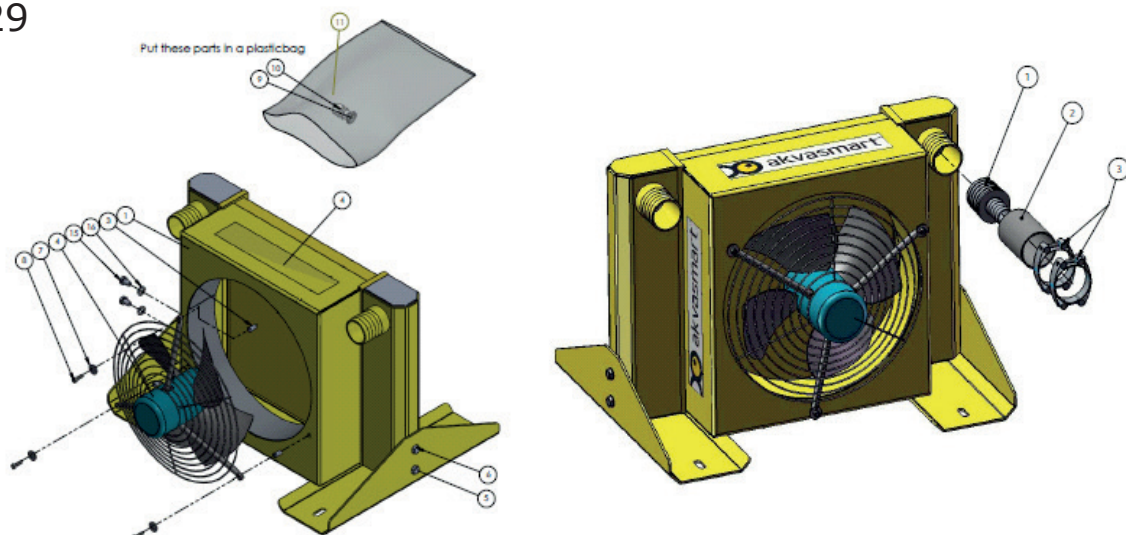
Assy KIT Air Flow Supervision 101,6mm

#0106764

Position	Number	Item Name	Quantity	Unit	BOM/LRU
	0100622	Conn Wago 8 pin Sct Ccl uMCS	1	pc	LRU
	0103089	Pipe Coupling 101,6mm	2	pc	LRU
	0103096	Hose Sponflex CF110 101,6mm 4" fixed	2	m	LRU
	0103097	Hose Clamp HPJ 110 101-115mm	4	pc	LRU
	13 450 42	Cable-ties 7,8x540mm Black	6	pc	LRU

Inter cooler CF32

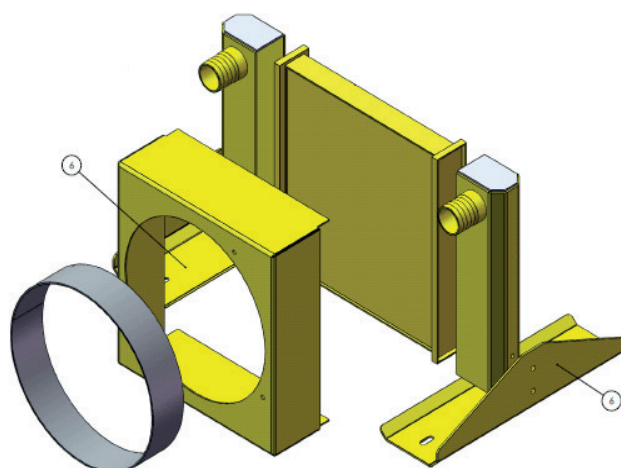
#60029



Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	220121	Pipe Adapter 63/32mm	1	pc	LRU
2	0102115	Hose Sponflex CF63 63,5mm 2,5 inch	0,01	m	LRU
3	10299	Hose Clamp HPJ 63-70mm	2	pc	LRU
4	0100566	Cool Fan, Intercooler IP55	1	pc	LRU
5	1251004	Washer M10	4	pc	LRU
6	93310164	Screw Hex Head M10x16	4	pc	LRU
7	90210604	Washer M6	3	pc	LRU
8	91206204	Screw Hex Socket M6x20	3	pc	LRU
9	12 480 63	MntEq Nipple PG11 w/Restrainer	1	pc	LRU
11	0100176	Bag, Plastic 150x215	1	pc	LRU
	20090	Aircooler 32/63mm Assembled	1	pc	BOM page 93

Aircooler 32/63mm Assembly

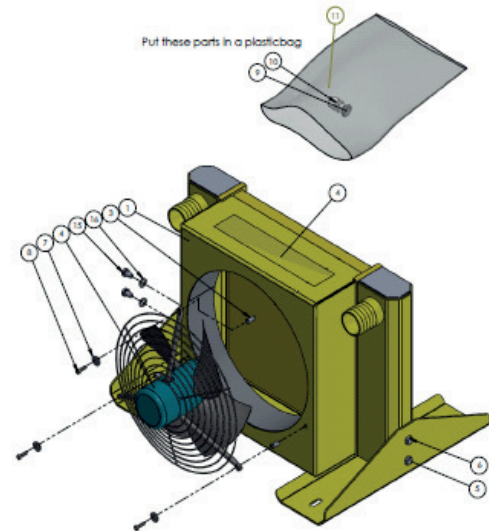
#20090



Position	Number	Item Name	Quantity	Unit	BOM/LRU
	20090	Aircooler 32/63mm assy	1	pc	LRU
6	0103459	Mounting Bracket for Air Cooler	2	pc	LRU

Inter cooler CF63

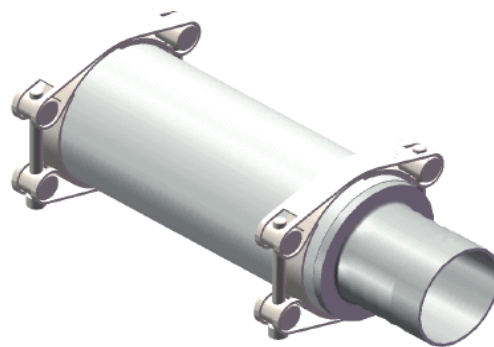
#60028



Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	20090	Aircooler 32/63mm Assembled	1	pc	BOM page 93
4	0100566	Cool Fan, Intercooler IP55	1	pc	LRU
5	1251004	Washer M10	4	pc	LRU
6	93310164	Screw Hex Head M10x16	4	pc	LRU
7	90210604	Washer M6	3	pc	LRU
8	91206204	Screw Hex Socket M6x20	3	pc	LRU
9	12 480 63	MntEq Nipple PG11 w/Restrainer	1	pc	LRU
10	13 450 35	Cable-ties 2,5x98mm Black	1	pc	LRU
11	0100176	Bag, Plastic 150x215	1	pc	LRU

Adapter kit Ø76,1-Ø60,3

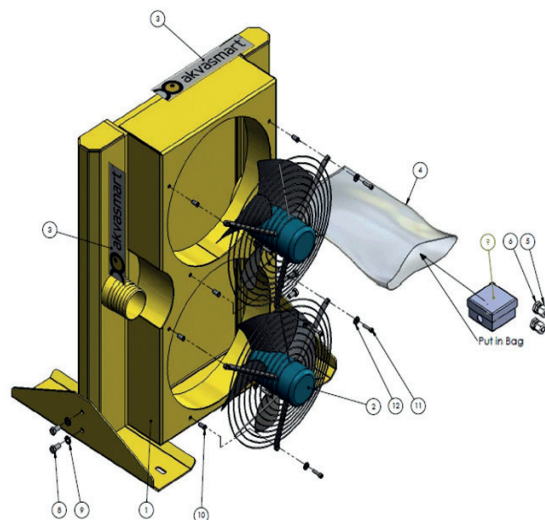
#10001572



Position	Number	Item Name	Quantity	Unit	BOM/LRU
	10001572	Adapter kit Ø76,1-Ø60,3	1	pc	LRU

Inter cooler CF90

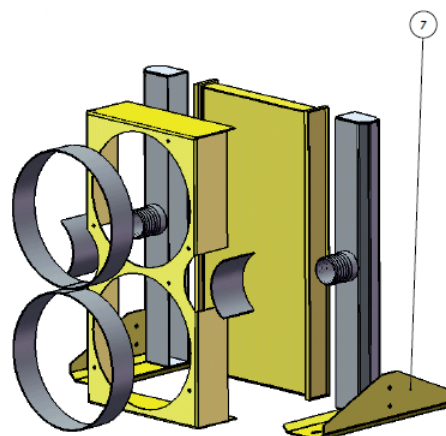
#60027



Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	20095	Air-cooler 90mm assembled	1	pc	BOM page 95
2	0100566	Cool fan, Intercooler IP55	2	pc	LRU
4	0100176	Bag, Plastic 150x215	1	pc	LRU
5	0102299	MntEq Nipple M20x1,5	3	pc	LRU
6	0102300	Nut Counter M20x1,5	3	pc	LRU
7	12 431 00	El.connection Box, Hensel	1	pc	LRU
8	93310204	Screw Hex Head M10x20	4	pc	LRU
9	1251004	Washer M10	4	pc	LRU
10	10876	Pop-rivet w/inner thread M6, 450	6	pc	LRU
11	91206204	Screw Cyl Hex Head M6x20	6	pc	LRU
12	90210604	Washer M6	6	pc	LRU

Aircooler 90mm Assembly

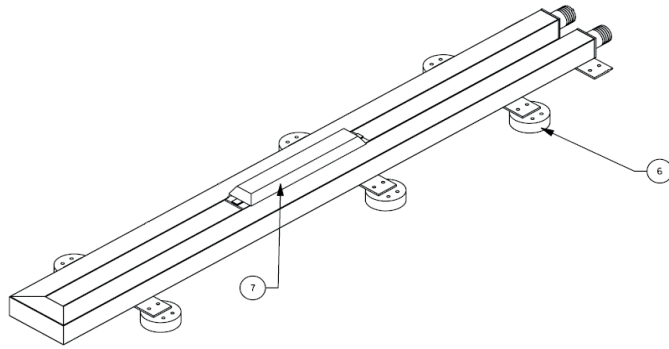
#20095



Position	Number	Item Name	Quantity	Unit	BOM/LRU
	20095	Aircooler 90mm assy	1	pc	LRU
7	0103459	Mounting Bracket for Air Cooler	2	pc	LRU

Water Cooling Loop CF90 6m U-shaped

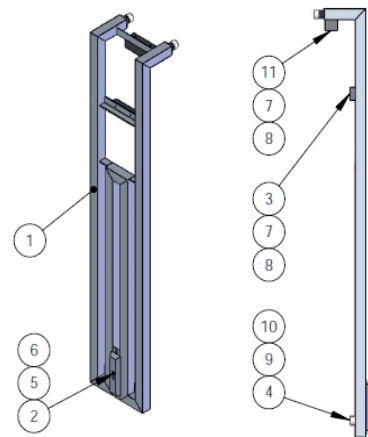
#0101210



Position	Number	Item Name	Quantity	Unit	BOM/LRU
	0101210	Water cooling loop CF90 6m U-shaped	1	pc	LRU
6	0101241	Isolator Water Cooling Loop 6m	6	pc	LRU
7	0101216	Anode 7kg	1	pc	LRU

Water Cooling Loop CF90 12m W-shaped

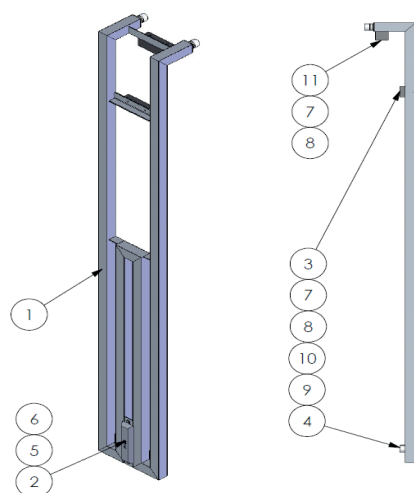
#0102465



Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	0102764	Water Cooling Loop 3,9m – Weld Assy	1	pc	LRU
2	0100977	Anode Aluminium 5kg	1	pc	LRU
3	0100976	MntEq Isolator Cooling Loop	1	pc	LRU
4	0102765	Water Cooling Loop 3,9m - Spacer	2	pc	LRU
5	0102767	Screw Hex Head M10x20 FZV	2	pc	LRU
6	0102025	Nut M10 FZB	2	pc	LRU
7	0102766	Screw Hex Head M16x50 FZV	4	pc	LRU
8	0102768	Washer M16 SFZB	4	pc	LRU
9	0102770	Screw Hex Socket M12x50 FZB	2	pc	LRU
10	0102769	Nut M12 FZB	2	pc	LRU
11	0103966	MntEq Isolator Cooling Loop 100mm	1	pc	LRU

Water Cooling Loop CF90 14m W-shaped

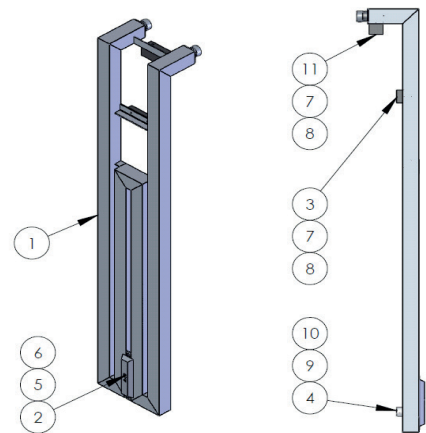
#0104324



Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	0104323	Water Cooling Loop 4,9m – Weld Assy	1	pc	LRU
2	0100977	Anode Aluminium 5kg	1	pc	LRU
3	0100976	MntEq Isolator Cooling Loop	1	pc	LRU
4	0102765	Water Cooling Loop 3,9m - Spacer	2	pc	LRU
5	0102767	Screw Hex Head M10x20 FZV	2	pc	LRU
6	0102025	Nut M10 FZB	2	pc	LRU
7	0102766	Screw Hex Head M16x50 FZV	4	pc	LRU
8	0102768	Washer M16 SFZB	4	pc	LRU
9	0102770	Screw Hex Socket M12x50 FZB	2	pc	LRU
10	0102769	Nut M12 FZB	2	pc	LRU
11	0103966	MntEq Isolator Cooling Loop 100mm	1	pc	LRU

Water Cooling Loop CF110 12m W-shaped

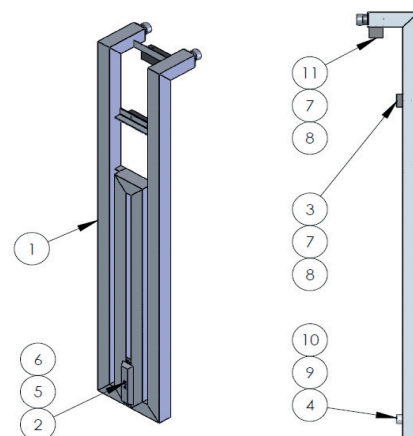
#0103093



Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	0103092	Water Cooling Loop CF110 3,9 – Weld Assy	1	pc	LRU
2	0100977	Anode Aluminium 5 kg	1	pc	LRU
3	0100976	MntEq Isolator Cooling Loop	1	pc	LRU
4	0102765	Water Cooling Loop 3,9m - Spacer	2	pc	LRU
5	0102767	Screw Hex Head M10x20 FZV	2	pc	LRU
6	0102025	Nut M10 FZB	2	pc	LRU
7	0102766	Screw Hex Head M16x50 FZV	4	pc	LRU
8	0102768	Washer M16 FZB	4	pc	LRU
9	0102770	Screw Hex Socket M12x50 FZB	2	Pc	LRU
10	0102769	Nut M12 FZB	2	pc	LRU
11	0103966	MntEq Isolator Cooling Loop 100mm	1	pc	LRU

Water Cooling Loop CF110 20m W-shaped

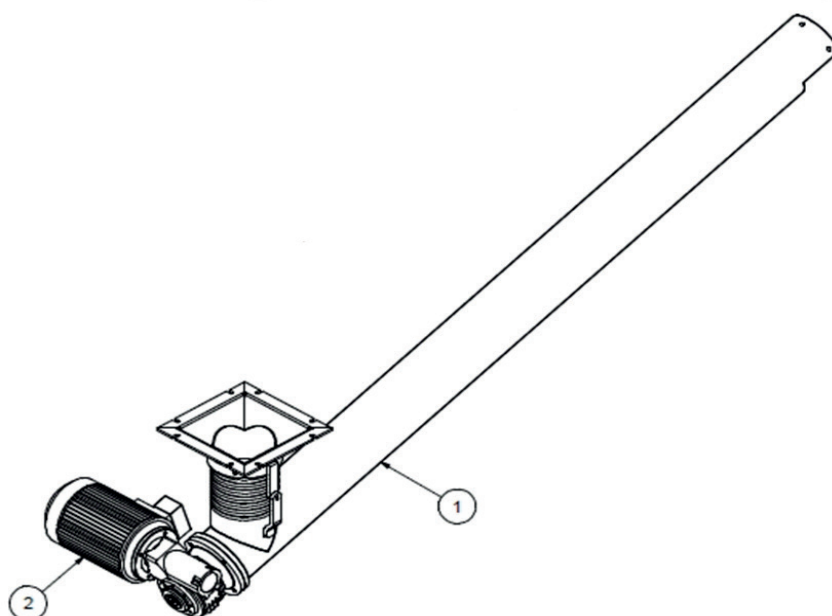
#0104792



Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	0104790	Water Cooling Loop CF110 5,9 – Weld Assy	1	pc	LRU
2	0100977	Anode Aluminium 5 kg	1	pc	LRU
3	0100976	MntEq Isolator Cooling Loop	1	pc	LRU
4	0102765	Water Cooling Loop 3,9m - Spacer	2	pc	LRU
5	0102767	Screw Hex Head M10x20 FZV	2	pc	LRU
6	0102025	Nut M10 FZB	2	pc	LRU
7	0102766	Screw Hex Head M16x50 FZV	4	pc	LRU
8	0102768	Washer M16 FZB	4	pc	LRU
9	0102770	Screw Hex Socket M12x50 FZB	2	Pc	LRU
10	0102769	Nut M12 FZB	2	pc	LRU
11	0103966	MntEq Isolator Cooling Loop 100mm	1	pc	LRU

Auger CCS 2m

#0102633



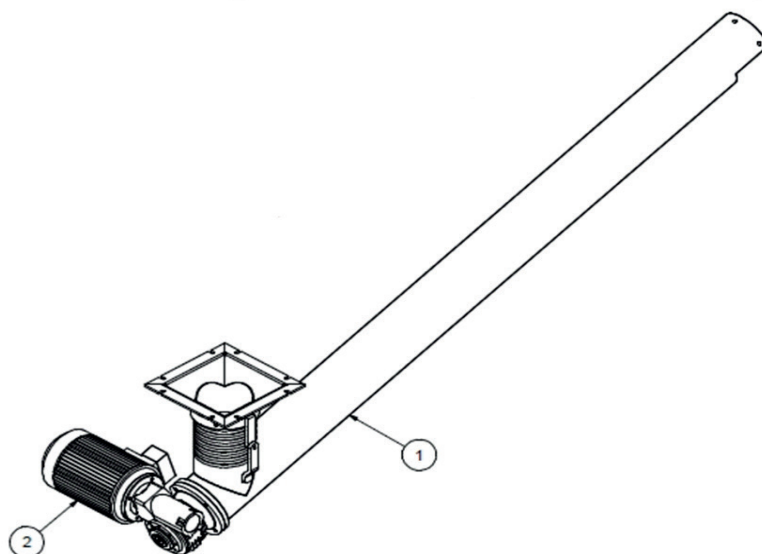
Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	0102806	Auger Ø150mm 2m Aluminium	1	pc	LRU
2	0102728	Motor/Gear Auger CCS	1	pc	LRU

Your Aquaculture Technology and Service Partner

AKVAGROUP™

Auger CCS 3m

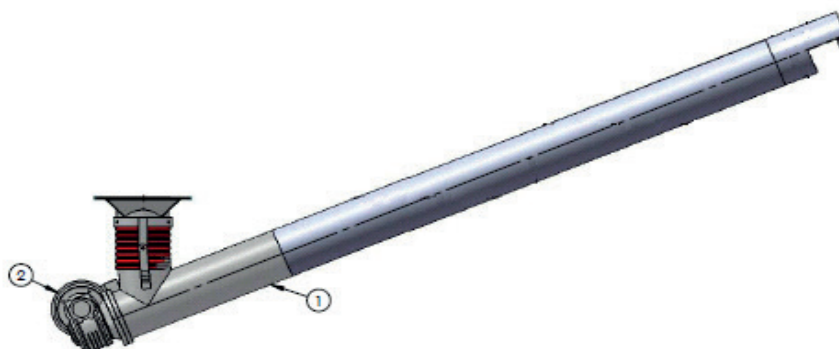
#0102735



Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	0102807	Auger Ø150mm 3m Aluminium	1	pc	LRU
2	0102728	Motor/Gear Auger CCS	1	pc	LRU

Auger CCS 2,25m

#0103000

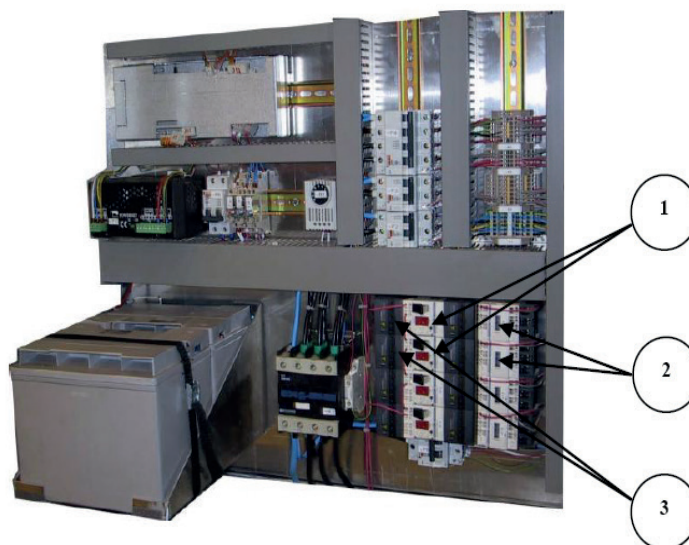


Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	0102995	Auger Ø150mm 2,25m Aluminium	1	pc	LRU
2	0102728	Motor/Gear Auger CCS	1	pc	LRU

Cabinets

CCS Option Noise Cabinet Control

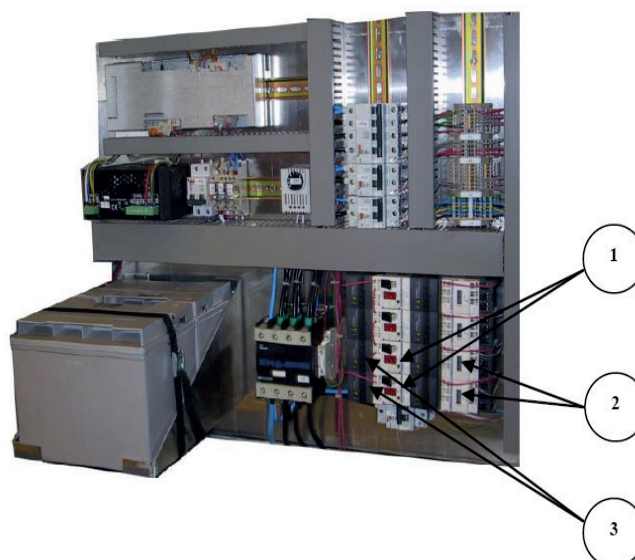
#0100095



Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	43 217 83	Breaker Switch 0,40-0,63A T 3P	1	pc	LRU
2	41 767 40	Relay mono Cont Scw 3M 9A	1	pc	LRU
3	43 217 08	Relay AuxContact Scw GV2-ME	1	pc	LRU

CCS Option Air Cooler Control

#0100131

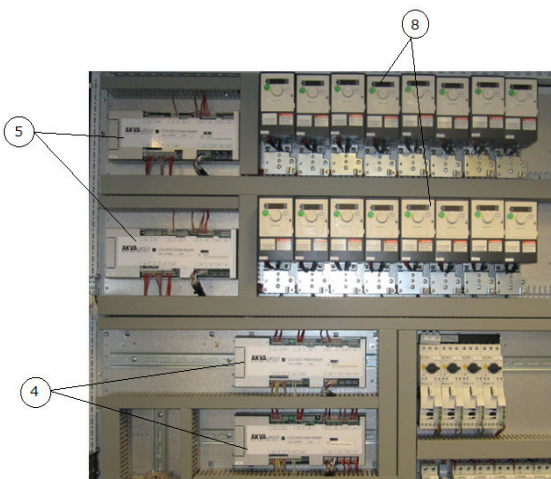


Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	43 217 84	Breaker Switch 0.63-1A T 3P	1	pc	LRU
2	41 767 40	Relay mono Cont Scw 3M 9A	1	pc	LRU
3	43 217 08	Relay AuxContact Scw GV2-ME	1	pc	LRU

Your Aquaculture Technology and Service Partner

AKVAGROUP™

CCS Cabinets





Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	0103406	Emergency Stop Control Cabinet	1	pc	LRU
2	114901503	Cabinet Fan 500m3/h GNV	1	pc	LRU
3	0102873	Cabinet Filter MKII	2	pc	LRU
4	*	CCS ADIO Main Board	optional	pc	LRU
5	*	CCS ADIO Doser Board	optional	pc	LRU
	*	CCS ADIO Selector Board	optional	pc	LRU
6	0100563	PSU Charger 24V 10A	1	pc	LRU
7	0100562	Battery 12V 42Ah CCS	2	pc	LRU
8	**	Frequency Inverter ATV31	optional	pc	LRU
9	***	Frequency Inverter ATV61	optional	pc	LRU

*Choose type ADIO from AKVAconnect or AKVA control, please see table page 105

* Size of Frequency Inverter corresponds with size of Kaeser Blower, please see table page 104

** Size of Frequency Inverter corresponds with size of Kaeser Blower, please see table page 104

Locking Device for Main Switch

Position	Number	Item Name	Quantity	Unit	BOM/LRU
	10000848	Locking Device Switch Mains 4-Pol 125A	1	pc	LRU
	10000849	Locking Device Switch Mains 4-Pol 250A	1	pc	LRU

Frequency Inverter for Doser 1500 Vari

Position	Number	Item Name	Quantity	Unit	BOM/LRU
	10003848	ATV320 230V 0,18kW compact	optional	pc	LRU
	10003847	ATV320 230V 0,75kW compact	optional	pc	LRU

Please see position 8 under CCS Cabinet page 102

Frequency Inverter for Doser CF4000

Position	Number	Item Name	Quantity	Unit	BOM/LRU
	10003847	ATV320 230V 0,75kW compact	optional	pc	LRU

Please see position 8 under CCS Cabinet page 102

Frequency Inverter for Selector

Position	Number	Item Name	Quantity	Unit	BOM/LRU
	10003846	ATV320 230V 0,37kW compact	optional	pc	LRU

Please see position 8 under CCS Cabinet page 102

Frequency Inverter/Kaeser Blower

Frequency Inverter No.	Frequency Inverter	Kaeser Blower Size	Kaeser Blower No.
0102469	Frequency Inv. 7.5kW ATV 61	CF32 7,5kW	0104249
0102469	Frequency Inv. 7.5kW ATV 61	CF32 7,5kW	0104250*
0102470	Frequency Inv. 15kW ATV 61	CF63 15kW	0102063
0102470	Frequency Inv. 15kW ATV 61	CF63 15kW	0102065*
0102470	Frequency Inv. 15kW ATV 61	CF63 15kW	0102487
0102471	Frequency Inv. 22kW ATV 61	CF90 22kW	0102460
0102471	Frequency Inv. 22kW ATV 61	CF90 22kW	0105162
0102471	Frequency Inv. 22kW ATV 61	CF90 22kW	0105163*
0103133	Frequency Inv. 37kW ATV 61	CF110 37kW	0105403
0103133	Frequency Inv. 37kW ATV 61	CF110 37kW	0105614*
0103134	Frequency Inv. 45kW ATV 61	CF110 45kW	0102874

Please see position 9 under CCS Cabinet page 102

*Kaeser Blowers without cabinet

Fan Kit for ATV61

Position	Number	Item Name	Quantity	Unit	BOM/LRU
	0104184	Fan Kit ATV61 22Kw	optional	pc	LRU
	0105879	Fan Kit ATV61 30Kw	optional	pc	LRU
	0105513	Fan Kit ATV61 45Kw	optional	pc	LRU

ADIO Cards for AKVAconnect

Position	Number	Item Name	Quantity	Unit	BOM/LRU
	0100523	CCS ADIO Main Board V1.0	1	pc	LRU
	0100524	CCS ADIO Doser Board V1.0	1	pc	LRU
	0100525	CCS ADIO Selector Board V1.0	1	pc	LRU

ADIO Cards for AKVAcontrol

Position	Number	Item Name	Quantity	Unit	BOM/LRU
	10002176	ADIO2 Main Board	1	pc	LRU
	10002186	ADIO2 Selector Board	1	pc	LRU
	10002187	ADIO2 Doser Board	1	pc	LRU

XPLORE Rugged Tablet PC Remote Control

#0103180



Position	Number	Item Name	Quantity	Unit	BOM/LRU
	0103526	Pen for AkvaRemote Tablet PC	1	pc	LRU
	0105592	XPLORE Tablet PC Battery		pc	LRU

This model is only available for spare parts.

Vehicle Mounting Kit

#0104228

Position	Number	Item Name	Quantity	Unit	BOM/LRU
	0104223	Vehicle Mounting for Remote Rugged Tablet	1	pc	LRU
	0102959	Wallbracket for one monitor - VESA	1	pc	LRU
	0104231	Antenna Kit for Remote Rugged Tablet	1	pc	BOM

Antenna Kit

#0104231

Position	Number	Item Name	Quantity	Unit	BOM/LRU
	0104104	Antenna Cable N-Male/N-Male 3m	1	pc	LRU
	0104240	Antenna 5GHz 12dbi Omni	1	pc	LRU
	0104238	USB ext Antenna Connection 802.11a/b/g/n	1	pc	LRU
	0104239	Jumpercable MC-MMCX-NF	1	pc	LRU

Monitor 24"

#0104770



Position	Number	Item Name	Quantity	Unit	BOM/LRU
	0104770	Monitor 24 inch	1	pc	LRU

PC w/ OS AKVA standard Norwegian

#0106000

Position	Number	Item Name	Quantity	Unit	BOM/LRU
	0100603	PC Keyboard NO	1	pc	LRU
	0105981	Custom PC	1	pc	LRU

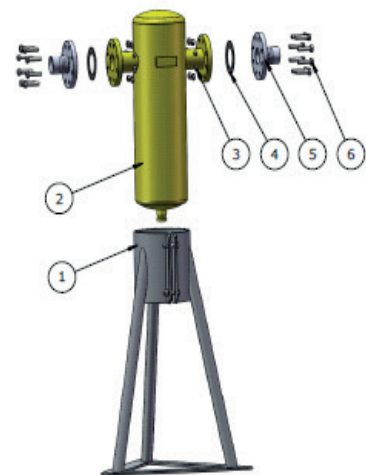
PC w/ OS AKVA standard English

#0106001

Position	Number	Item Name	Quantity	Unit	BOM/LRU
	0100606	PC Keyboard UK	1	pc	LRU
	0105981	Custom PC	1	pc	LRU

Water Separator CF90

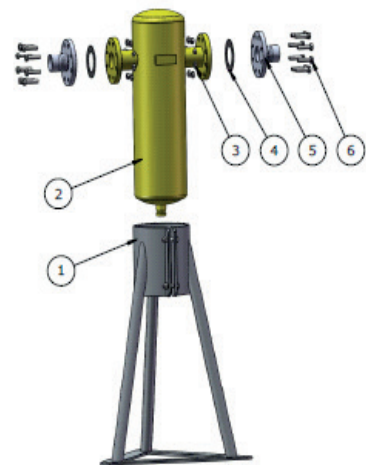
#10000876



Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	10000875	Tripod Cyclone CF90	1	pc	LRU
2	10000873	Kaeser ZK081 DN80	1	pc	LRU
3	0102026	Nut M16 GZV	16	pc	LRU
4	10000877	Gasket Ø142/Ø89x2 AFM37	2	pc	LRU
5	10000872	Flange Adapter DN80 76,1mm	2	pc	LRU
6	10000859	Screw Hex Head M16x60	16	pc	LRU

Cyclone CF110

#10000860



Position	Number	Item Name	Quantity	Unit	BOM/LRU
1	10000875	Tripod Cyclone CF90	1	pc	LRU
2	10000811	Kaeser ZK09 DN125	1	pc	LRU
3	0102026	Nut M16 GZV	16	pc	LRU
4	10000861	Gasket Ø190/Ø140x2 AFM37	2	pc	LRU
5	10000816	Flange Adapter DN125 101,6mm	2	pc	LRU
6	10000859	Screw Hex Head M16x60	16	pc	LRU

Kaeser Blowers

Blower CF32 7,5kW

Part	#0104249 BB52C w/cabinet	#0104250 BB52C wo/cabinet
Oil	0102129	0102129
Air Cleaning Element	0104252	0104252
Set of V-belts	0105171	0105171
Blower Block	0104260	0104260
Silencing Cabinet	0104263	
Cabinet Cooling Fan	0104400	
Blow Back Valve	0104267	0104267
Safety Relief Valve	0104273	0104273
Oil Level Glass	0105556	0105556
El. Motor	0104284	0104284



Blower CF90 22kW

Part	#0105162S w/cabinet CB130C/DB130C	#0105163 wo/cabinet CB130C/DB130C	#0102460 w/cabinet - 230V CB130C
Oil	0102129	0102129	0102129
Air Cleaning Element	0102128	0102128	0102128
Set of V-belts	0105578	0105578	*
Blower Block	0102640	0102640	0102640
Silencing Cabinet	0105582		0101660
Cabinet Cooling Fan	0105583		0102819
Blow Back Valve	0105579	0105579	20078
Safety Relief Valve	0105580	0105580	0102168
Oil Level Glass	0105587	0105587	0105587
El. Motor	0105584	0105584	0104286

*Please contact Servicecenter at order@akvagroup.com for correct v-belt

Blower CF90 30kW

Part	#0105327 CB131C wo/cabinet	#0105328 CB131C w/cabinet	#0105514 CB131C wo/cabinet
Oil	0102129	0102129	0102129
Air Cleaning Element	0102128	0102128	0102128
Set of V-belts	0105589	0105589	0105589
Blower Block	0102640	0102640	0102640
Silencing Cabinet		0105582	
Cabinet Cooling Fan		0105583	
Blow Back Valve	0105579	0105579	0105579
Safety Relief Valve	0105580	0105580	0105581
Oil Level Glass	0105587	0105587	0105587
El. Motor	0105585	0105585	0105586

Blower CF110 37kW

Part	#0105403 DB236C w/cabinet	#0105614 DB236C wo/cabinet
Oil	0102129	0102129
Air Cleaning Element	0102128	0102128
Set of V-belts	*	*
Blower Block	0104261	0104261
Silencing Cabinet	*	
Cabinet Cooling Fan	0105584	
Blow Back Valve	*	*
Safety Relief Valve	*	*
Oil Level Glass	0105587	0105587
El. Motor	*	*

* Available on request

Robuschi Blowers - Spare parts

Robuschi Service Kit

#0105869

Position	Number	Item Name	Quantity	Unit	BOM/LRU
	10233	Airfilter for LRB/SRB 35/55	4	pc	LRU
	10489	Oil Loadway EP220, (10L)	1	pc	LRU

Robuschi - Drive Belt

Position	Number	Item Name	Quantity	Unit	BOM/LRU
	10XPA1530	Drive belt, XPA1530	1	pc	LRU
	10XPA1532	Drive belt, XPA1532	1	pc	LRU
	10XPA1550	Drive belt XPA1550	1	pc	LRU
	10XPA1580	Drive belt, XPA1580	1	pc	LRU
	10XPA1600	Drive belt, XPA1600	1	pc	LRU
	10XPA1600lp	Drive belt XPA1600 LP	1	pc	LRU
	10XPA1630	Drive belt, XPA1630	1	pc	LRU
	10XPA1650	Drive belt XPA1650	1	pc	LRU
	10XPA1700	Drive belt, XPA1700	1	pc	LRU
	10XPA1750	Drive belt, XPA1750	1	pc	LRU
	10XPA1800	Drive belt XPA1800	1	pc	LRU

Service Box Vari 1500 - Small

#0105861



Position	Number	Item Name	Quantity	Unit	BOM/LRU
	0105547	Alu. Box 157ltr w/interior 1500 Small	1	pc	LRU
	0100523	CCS ADIO Main Board V1.0	1	pc	LRU
	0100597*	Cable USB 1.1 RS232, 9pin	1	pc	LRU
	0103007*	Cable USB 2.0 plug A-B 3m	1	pc	LRU
	0101432	Repair Kit Dual Vari 1500	4	sets	LRU
	0102647	Doser 1500 Vari – Feeder Unit MKII	1	pc	LRU
	0102605	K-net, Lightning protection	3	pc	LRU
	10051	Inductive Sensor E2A S08KS 02WPC 12M	2	pc	LRU
	10203	Silicone Lubricant MS-4, 50gr	2	pc	LRU
	10489**	Oil Loadway EP220, (10L)	1	pc	LRU
	0102129**	Kaeser Lubricant Oil 1L SB220	2	l	LRU
	***	V-Belt for Kaeser Blower/Robuschi Blower	4	sets	LRU
	***	Air Filter for Kaeser Blower/Robuschi Blower	4	pc	LRU

* Item 0100597 is compatible with CCS1 Feeding computer

* Item 0103007 is compatible with CCS2 Feeding computer

** You can choose either item 10489 for Robuschi or item 0102129 for Kaeser

*** Item number for V-belt and Air Filter for Kaeser Blower/Robuschi Blower depends on type of Kaeser Blower or Robuschi Blower

Service Box CF4000 - Small

#0105862



Position	Number	Item Name	Quantity	Unit	BOM/LRU
	0105549	Alu. Box 240ltr w/interior 4000 Small	1	pc	LRU
	0100523	CCS ADIO Main Board V1.0	1	pc	LRU
	0100597*	Cable USB 1.1 RS232, 9pin	1	pc	LRU
	0103007*	Cable USB 2.0 plug A-B 3m	1	pc	LRU
	60099	Repair Kit Doser Valve 4000	4	sets	LRU
	20185**	Feeder Unit Doser Valve 4000	1	pc	LRU
	0103576**	Feeder Unit Doser Valve 4000 MKII	1	pc	LRU
	0102605	K-net, Lightning protection	3	pc	LRU
	10051	Inductive Sensor E2A S08KS 02WPC 12M	2	pc	LRU
	10203	Silicone Lubricant MS-4, 50gr	2	pc	LRU
	10489***	Oil Loadway EP220, (10L)	1	pc	LRU
	0102129***	Kaeser Lubricant Oil 1L SB220	2	l	LRU
	****	V-Belt for Kaeser Blower/ Robuschi Blower	4	sets	LRU
	****	Air Filter for Kaeser Blower/ Robuschi Blower	4	pc	LRU

* Item 0100597 is compatible with CCS1 Feeding computer

*Item 0103007 is compatible with item CCS2 Feeding computer

** Item number 20185 is found in Doser Valve 4000 - item 0102901 page 62-64

** Item number 0103576 is found in Doser Valve 4000 MKII - item PN10000090 page 57-61
or item 0103604 page 68-71

*** You can choose either item 10489 for Robuschi or item 0102129 for Kaeser

**** Item number for V-belt and Air Filter for Kaeser Blower depends on type of Kaeser Blower
or Robuschi Blower

Service Box Vari 1500 - Big

#0105860



Position	Number	Item Name	Quantity	Unit	BOM/LRU
	0105546	Alu. Box 220ltr w/interior 1500 Big	1	pc	LRU
	0100523	CCS ADIO Main Board V1.0	1	pc	LRU
	0100524*	CCS ADIO Doser Board V1.0	1	pc	LRU
	0100525*	CCS ADIO Selector Board V1.0	1	pc	LRU
	0100522**	CCS Unit V1.0	1	pc	LRU
	0102804**	CCS2 Feeding Computer	1	pc	LRU
	0100597***	Cable USB 1.1 RS232, 9 pin	1	pc	LRU
	0103007***	Cable USB 2.0 plug A-B 3m	1	pc	LRU
	0101432	Repair Kit Dual Vari 1500	8	sets	LRU
	0102647	Doser 1500 Vari – Feeder Unit MKII	1	pc	LRU
	0102605	K-Net Lightning protection	3	pc	LRU
	10051	Inductive Sensor E2A S08KS 02WPC 12M	6	pc	LRU
	10203	Silicone Lubricant MS-4, 50gr	2	pc	LRU
	10206	Molycote CU7439 100gr	1	pc	LRU
	10489****	Oil Loadway EP220 (10L)	1	pc	LRU
	0102129****	Kaeser Lubricant Oil 1L SB220	4	l	LRU
	*****	V-Belt for Kaeser Blower/Robuschi Blower	4	sets	LRU
	*****	Air Filter for Kaeser Blower/Robuschi Blower	4	pc	LRU

* You can choose either item 0100524 or 0100525

** You can choose either item 0100522 or 0102804

*** Item 0100597 is compatible with CCS1 Feeding computer

*** Item 0103007 is compatible with item CCS2 Feeding computer

**** You can choose either item 10489 for Robuschi or item 0102129 for Kaeser

***** Item number for V-belt and Air Filter for Kaeser Blower depends on type of Kaeser Blower or Robuschi Blower

Service Box CF4000 - Big

#0105863



Position	Number	Item Name	Quantity	Unit	BOM/LRU
	0105548	Alu. Box 240ltr w/interior 4000 Big	1	pc	LRU
	0100523	CCS ADIO Main Board V1.0	1	pc	LRU
	0100524*	CCS ADIO Doser Board V1.0	1	pc	LRU
	0100525*	CCS ADIO Selector Board V1.0	1	pc	LRU
	0100522**	CCS Unit V1.0	1	pc	LRU
	0102804**	CCS2 Feeding Computer	1	pc	LRU
	0100597***	Cable USB 1.1 RS232, 9 pin	1	pc	LRU
	0103007***	Cable USB 2.0 plug A-B 3m	1	pc	LRU
	60099	Repair Kit Doser Valve 4000	8	sets	LRU
	20185****	Feeder Unit Doser Valve 4000	1	pc	LRU
	0103576****	Feeder Unit Doser Valve 4000 MKII	1	pc	LRU
	0102605	K-Net Lightning protection	3	pc	LRU
	10051	Inductive Sensor E2A S08KS 02WPC 12M	6	pc	LRU
	10203	Silicone Lubricant MS-4, 50gr	2	pc	LRU
	10206	Molycote CU7439 100gr	1	pc	LRU
	10489*****	Oil Loadway EP220 (10L)	1	pc	LRU
	0102129*****	Kaeser Lubricant Oil 1L SB220	4	l	LRU
	*****	V-Belt for Kaeser Blower/Robuschi Blower	4	sets	LRU
	*****	Air Filter for Kaeser Blower/Robuschi Blower	4	pc	LRU

* You can choose either item 0100524 or 0100525

** You can choose either item 0100522 or 0102804

*** Item 0100597 is compatible with CCS1 Feeding computer

*** Item 0103007 is compatible with item CCS2 Feeding computer

**** Item number 20185 is found in Doser Valve 4000 - item 0102901 page 62-64

**** Item number 0103576 is found in Doser Valve 4000 MKII - item PN10000090 page 57-61
or item 0103604 page 68-71

***** You can choose either item 10489 for Robuschi or item 0102129 for Kaeser

***** Item number for V-belt and Air Filter for Kaeser Blower depends on type of Kaeser Blower
or Robuschi Blower

Your Aquaculture Technology and Service Partner

AKVAGROUP™

