

Navigation echo sounder transducers

Illustrated parts list



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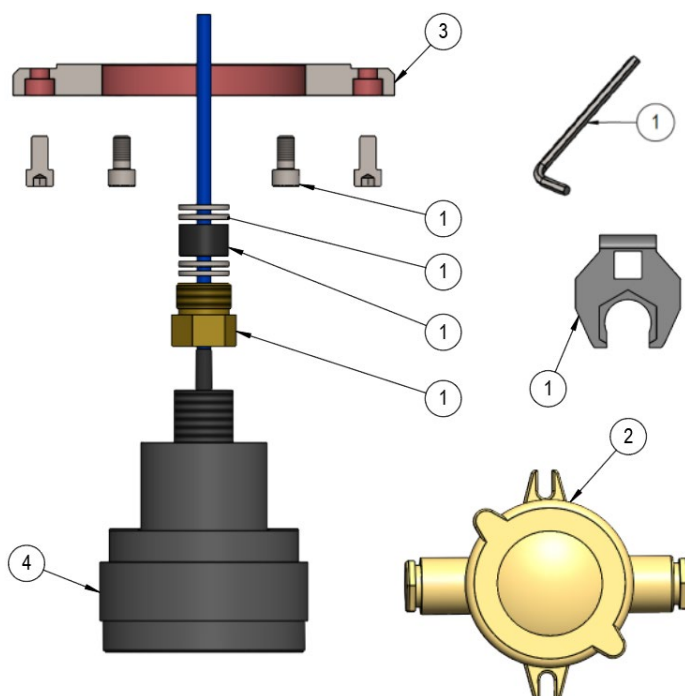
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1 Transducers for standard tank ETNST, Combo ETNSTC and alu tank ETNAL

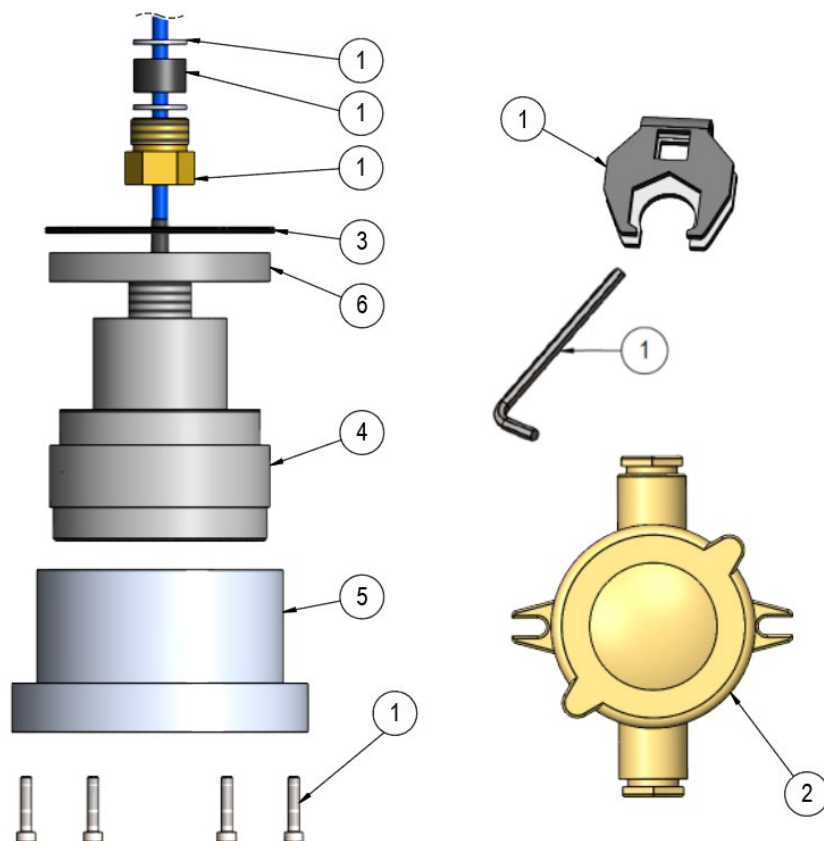
- ETS50200XT-SA, Transducer 50/200 kHz with adapter to ETNST, 50 m cable
- ETS50200XTA-SA, Transducer 50/200 kHz with adapter to ETNALC, 50 m cable
- ETS50200XTL-SA, Transducer 50/200 kHz for ELAC LSE297/313 tank, 50 m cable

1.1 ETS50200XT-SA



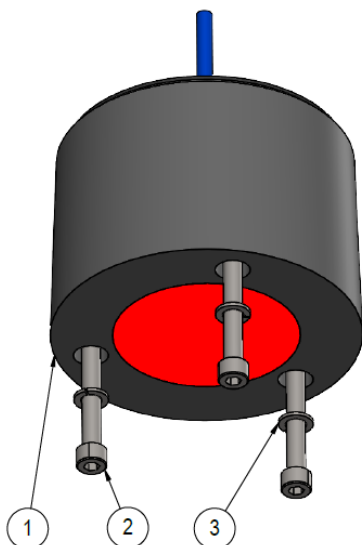
Item no.	Part number	Description	Qty.	Info
1	INSTKITTANK-7MM	Installation kit for 7mm cable standard/combo tank	1	See page 6
2	ZZL-01019	Junction box 1151/ZWR for Echo Sounder Transducers	1	
3	ETS50200SR	Mounting ring ETS50200 for tank, S355J2G3C/Red primer	1	
4	ETS50200X-SA	Transducer 50/200 kHz 50m cable no adaptors (Only for ESN100 and ESN200)	1	

1.2 ETS50200XTA-SA



Item no.	Part number	Description	Qty.	Info
1	INSTKITALUC-7MM-SA	Installation kit for Alu combo tank. 7mm cable	1	See page 7
2	ZZL-01019	Junction box 1151/ZWR for Echo Sounder Transducers	1	
3	ZOA-01049	Retaining ring, DNH-100-S16, 316 steel	1	
4	ETS50200X-SA	Transducer 50/200 kHz 50m cable no adaptors (Only for ESN100 and ESN200)	1	
5	TCA-2051	Adaptor Housing ETS50200 in alu tank	1	
6	TCA-2052	Adaptor press element ETS50200 in alu tank	1	

1.3 ETS50200XTL-SA



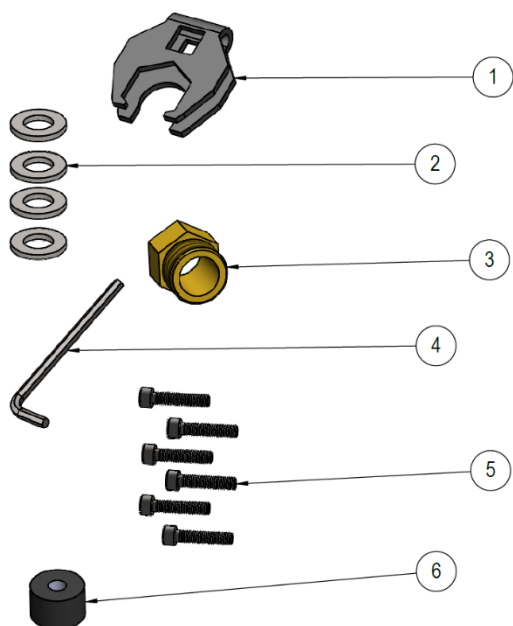
Item no.	Part number	Description	Qty.
1	ETS50200XTL-SA	Transd. 50/200 kHz LSE297/313 tank, 50m	1
2	ZOA-01059	Hex. socket head, M8x95 DIN 912 A4	3
3	ZOA-01070	Split washer M8 DIN127 A4	3

1.4 INSTKITTANK-7MM, Installation kit for 7mm standard/combo tank



Item no.	Part number	Description	Qty.
1	ZOA-01005	Special wrench/tool TC-2012	1
2	ZOA-01003	Allen key 911/M6	1
3	ZOA-01016	Allen screw M8X100 A4 70 DIN912	6
4	ZOA-01009	Washer stainless DIN125/A-13/A2 M12	4
5	ZOA-01017	Bronze nut PG-Nipple TC-2013	1
6	DB-2018	Gasket Ø23,5 x 8 x 15mm for ETS50200 in Tank	1

1.5 INSTKITALUC-7MM-SA, Installation kit for Alu combo tank, 7mm cable



Item no.	Part number	Description	Qty.
1	ZOA-01005	Special wrench/tool TC-2012	1
2	ZOA-01057	Allen key 911/M5, Zincplated NV4	1
3	ZOA-01082	Screw M5x25 mm DIN912 A4	6
4	ZOA-01009	Washer stainless DIN125/A-13/A2 M12	4
5	ZOA-01017	Bronze nut PG-Nipple TC-2013	1
6	DB-2018	Gasket Ø23,5 ø8 x 15mm for ETS50200 in Tank	1

- ETN050T, TRANSDUCER TGM 60-50-25L, 25 m cable with acc. for tank
- ETN050XT, TRANSDUCER TGM 60-50-40L, 40 m cable, with acc. for tank



1.6 ETN050T

Item no.	Part number	Description	Qty.	Info
1	INSTKITTANK-SA	Installation kit for 50/200 kHz standard/combo tank	1	See page 11
2	ZZL-01019	Junction box 1151/ZWR for Echo Sounder Transducers	1	
3	ETN050SR	Transducer mounting ring for ETN050(X)T in ETNST tank	1	
4	ETN050BEL	Transducer TGM 60-50-25L, 25 m cable, No Acc. For ETNSLJB	1	

1.7 ETN050XT

Item no.	Part number	Description	Qty.	Info
1	INSTKITTANK-SA	Installation kit for 50/200 kHz standard/combo tank	1	See page 11
2	ZZL-01019	Junction box 1151/ZWR for Echo Sounder Transducers	1	
3	ETN050SR	Transducer mounting ring for ETN050(X)T in ETNST tank	1	
4	ETN050BELX	Transducer TGM 60-50-40L, 40 m cable, No Acc, For ETNSLJB	1	

- ETN200T, TRANSDUCER NGM 100-200-25L, 25 m cable, with acc. for tank
- ETN200XT, TRANSDUCER NGM 100-200-40L, 40 m cable, with acc. for tank



1.8 ETN200T

Item no.	Part number	Description	Qty.	Info
1	INSTKITTANK-SA	Installation kit for 50/200 kHz standard/combo tank	1	See page 11
2	ZZL-01019	Junction box 1151/ZWR for Echo Sounder Transducers	1	
3	ETN200SR	Transducer mounting ring steel for ETN200(X)T in ETNST tank	1	
4	ETN200F	Transducer NGM-100-200-25L, 25 m cable, No accessories	1	

1.9 ETN200XT

Item no.	Part number	Description	Qty.	Info
1	INSTKITTANK-SA	Installation kit for 50/200 kHz standard/combo tank	1	See page 11
2	ZZL-01019	Junction box 1151/ZWR for Echo Sounder Transducers	1	
3	ETN200SR	Transducer mounting ring steel for ETN200(X)T in ETNST tank	1	
4	ETN200FX	Transducer NGM-100-200-40L, 40 m cable, No accessories	1	

- ETN200ST, TRANSDUCER 200 kHz, small. TGM 50-200-25L, 25 m. For tank
- ETN200SXT, TRANSDUCER TGM-50-200-40L, 40 m cable, with acc. for tank



1.10 ETN200ST

Item no.	Part number	Description	Qty.	Info
1	INSTKITTANK-SA	Installation kit for 50/200 kHz standard/combo tank	1	See page 11
2	ZZL-01019	Junction box 1151/ZWR for Echo Sounder Transducers	1	
3	ETN050SR	Transducer mounting ring for ETN050(X)T in ETNST tank	1	
4	ETN200FS	Transducer TGM-50-200-25L, 25 m cable No acc. No adapter	1	

1.11 ETN200SXT

Item no.	Part number	Description	Qty.	Info
1	INSTKITTANK-SA	Installation kit FOR 50/200 kHz standard/combo tank	1	See page 11
2	ZZL-01019	Junction box 1151/ZWR for Echo Sounder Transducers	1	
3	ETN050SR	Transducer mounting ring for ETN050(X)T in ETNST tank	1	
4	ETN200FSX	Transducer TGM-50-200-40L, 40 m cable, No acc. No adapter.	1	

1.12 INSTKITANK-SA, Installation kit for 50/200 kHz standard/combo tank



Item no.	Part number	Description	Qty.
1	ZOA-01005	Special wrench/tool	1
2	ZOA-01003	Allen key 911/M6	1
3	ZOA-01016	Allen screw M8X100 A4 70 DIN912	6
4	ZOA-01009	Washer M12 DIN125A A4	4
5	ZOA-01017	Bronze nut PG-Nipple	1
6	ZOA-01008	Rubber gasket Ø23,5/12,5x15 mm SB-6029	1

2 Transducers for combo tank ETNSTCLF

- ETN024T, TRANSDUCER M181-24-40L, 40 m cable, with acc. for tank
- ETN038T, TRANSDUCER M181-38-40L, 40 m cable, for tank



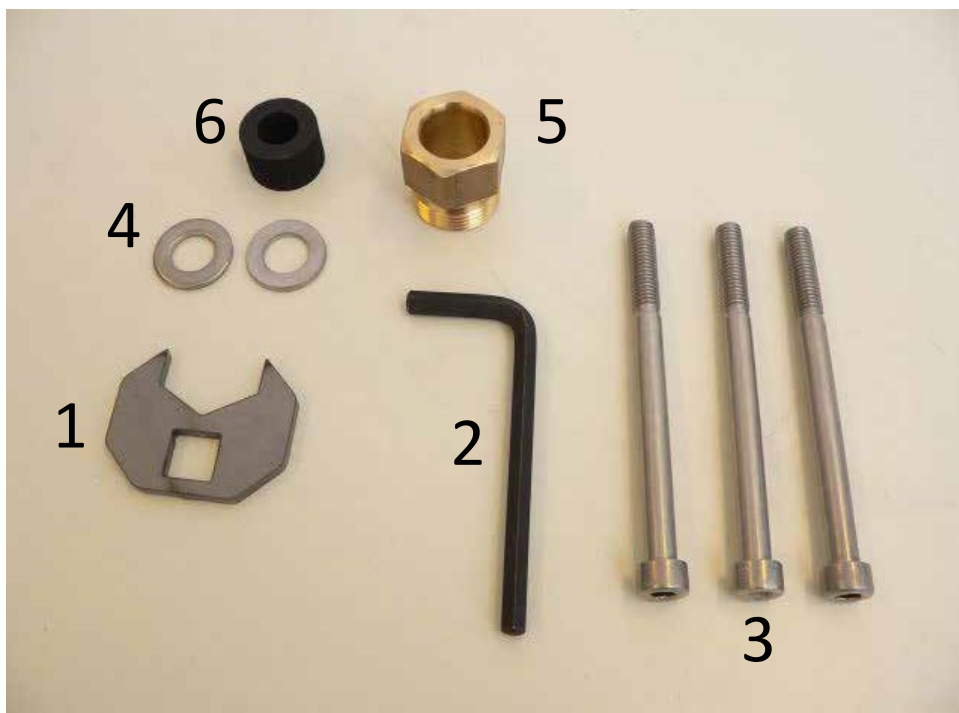
2.1 ETN024T

Item no.	Part number	Description	Qty.	Info
1	ZZL-01019	Junction box 1151/ZWR for Echo Sounder Transducers	1	
2		Installation kit	1	See page 13
3	ETN24M	Transducer 24 kHz, 40 m cable, No accessories	1	

2.2 ETN038T

Item no.	Part number	Description	Qty.	Info
1	ZZL-01019	Junction box 1151/ZWR for Echo Sounder Transducers	1	
2		Installation kit	1	See page 13
3	ETN38M	Transducer 38 kHz, 40 m cable, No accessories	1	

2.3 Installation kit for 24/38 kHz transducer combo tank



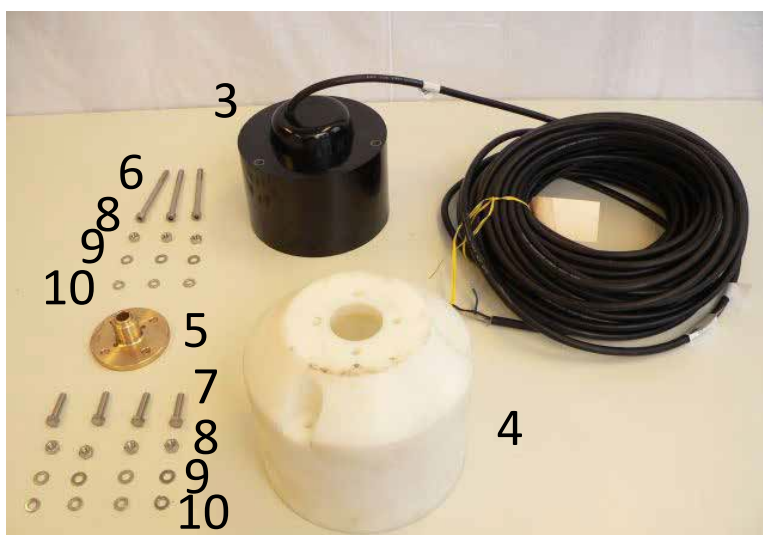
Item no.	Part number	Description	Qty.
1	ZOA-01005	Special wrench/tool	1
2	ZOA-01003	Allen key 911/M6	1
3	ZOA-01053	Allen screw M8X100 A4 70 DIN912	3
4	ZOA-01009	Washer M12 DIN125A A4	4
5	ZOA-01017	Bronze nut PG-Nipple	1
6	ZOA-01008	Rubber gasket Ø23,5/12,5x15 mm SB-6029	1

3 Transducers for 200 mm gate valve SB-200-ECHO

- ETN024G, TRANSDUCER M181-24-40L, 40 m cable, with acc. for GV



Item no.	Part number	Description	Qty.	Info
1	See below	Transducer 24 kHz for 200 mm gate valve	1	Factory mounted
2	ZZL-01019	Junction box 1151/ZWR for Echo Sounder Transducers	1	

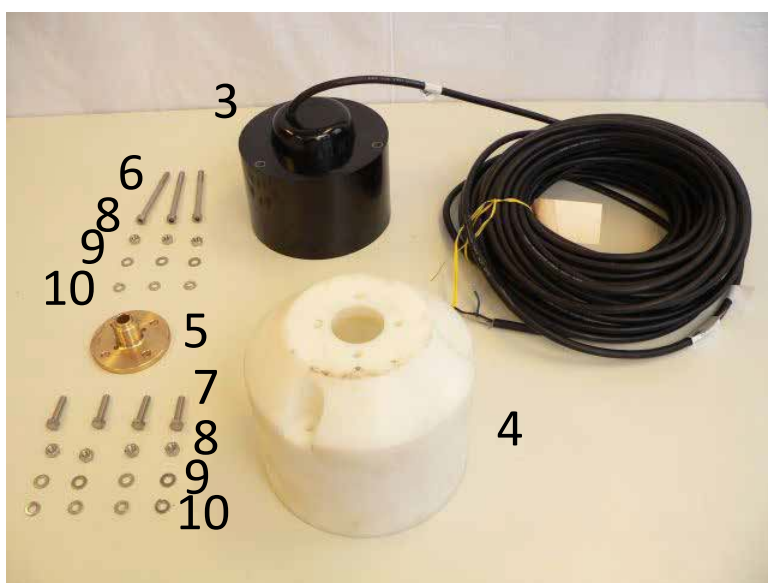


Item no.	Part number	Description	Qty.
3	ETN24M	Transducer 24 kHz, 40 m cable, No accessories	1
4	SB-4002	Transducer housing polyethylen for SB-200-xx	1
5	DB-2023	Sea Valve, Cover Brass for DL270 Sensor, ETNxxx Sensor	1
6	ZOA-01053	Allen screw M8X100 A4 70 DIN912	3
7	ZOA-01154	Bolt M8x35 mm DIN933 A4 80	4
8	ZOA-01072	Nut M8 DIN934 A4	7
9	ZOA-01084	Washer 8,4x16x1,6 mm DIN125 A4	7
10	ZOA-01070	Split washer M8 DIN127 A4	7

- ETN038G, TRANSDUCER M181-38-40L, 40 m cable, with acc. for GV



Item no.	Part number	Description	Qty.	Info
1	See below	Transducer 38 kHz for 200 mm gate valve	1	Factory mounted
2	ZZL-01019	Junction box 1151/ZWR for Echo Sounder Transducers	1	

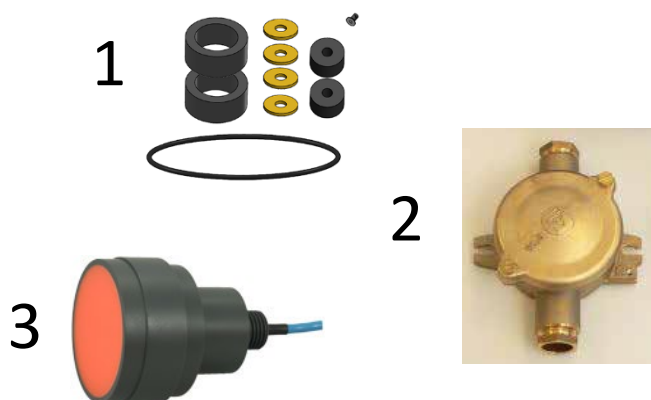


Item no.	Part number	Description	Qty.
3	ETN38M	Transducer 38 kHz, 40 m cable, No accessories	1
4	SB-4002	Transducer housing polyethylen for SB-200-xx	1
5	DB-2023	Sea Valve, Cover Brass for DL270 Sensor, ETNxxx Sensor	1
6	ZOA-01053	Allen screw M8X100 A4 70 DIN912	3
7	ZOA-01154	Bolt M8x35 mm DIN933 A4 80	4
8	ZOA-01072	Nut M8 DIN934 A4	7
9	ZOA-01084	Washer 8,4x16x1,6 mm DIN125 A4	7
10	ZOA-01070	Split washer M8 DIN127 A4	7

4 Transducers for gate valve SB-100-XX / DB-100-XX

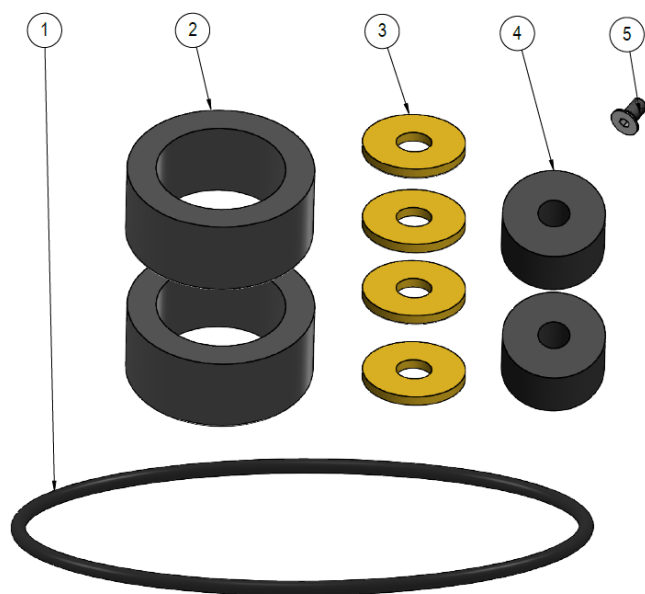
- ETS50200XG-SA, Transducer 50/200 kHz with adapter to 100 m sea valve, 50 m cable
- ETN050G, Transducer 50kHz TGM 60-50-25L, 25 m cable, for Sea Valve
- ETN050XG, Transducer 50kHz TGM 60-50-40L, 40 m cable, for Sea Valve
- ETN200SG, Transducer 200kHz TGM-50-200-25L, 25 m cable, for Sea Valve
- ETN200SXG, Transducer 200kHz TGM-50-200-40L, 40 m cable, for Sea Valve

4.1 ETS50200XG-SA



Item no.	Part number	Description	Qty.	Info
1	INSTKITVALVE100-7MM	Installation kit ETS50200. Ø7mm cable, SB/DB-100	1	See page 17
2	ZZL-01019	Junction box 1151/ZWR for Echo Sounder Transducers	1	
3	ETS50200X-SA	Transducer 50/200 kHz, 50m cable, no adaptors (Only for ESN100 and ESN200)	1	Factory mounted

4.2 INSTKITVALVE100-7MM, Installation kit for ETS50200, SB/DB-100

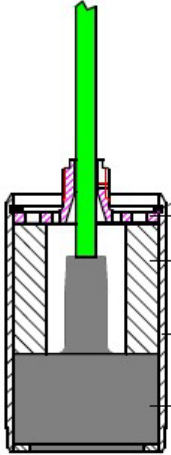


Item no.	Part number	Description	Qty.
1	ZOA-01024	Nitril O-Ring Ø139,30 x 3,53mm	1
2	DB-2035	Gasket Ø47/32,5 X 20mm for XB-60/100/200-XX	2
3	DB-2019	Washer Brass Ø25,9 ø9 x2,5mm for ETS50200 in Sea valve	4
4	DB-2020	Gasket Ø25,9 ø8 x15mm for ETS50200 in Sea valve	2
5	ZOA-01069	Allen screw M4x8 mm ISO 10642 / DIN7991 A4	1

4.3 ETN050G/ETN050XG/ETN200SG/ETN200SXG

Transducer for echo sounder

ETN050G	50 kHz 25 m cable
ETN050XG	50 kHz 40 m cable
ETN200SG	200 kHz 25 m cable
ETN200SXG	200 kHz 40 m cable



Ring DNH-90-S16 ZOA-01248

Cover DB-2023-Rev-02

Press Element DB-2041-Rev-02

Housing DB-2022-Rev-00

ETN050BEL	50 kHz 25 m cable
ETN050BELX	50 kHz 40 m cable
ETN200FS	200 kHz 25 m cable
ETN200FSX	200 kHz 40 m cable



Item no.	Part number	Description	Qty.	Info
1	ETN050G/ETN050XG/ ETN200SG/ETN200SXG	Transducer 50 or 200 kHz for 100 mm gate valve	1	Factory mounted
2	ZZL-01019	Junction box 1151/ZWR for Echo Sounder Transducers	1	

5 Transducers for sea valve ETNSLJB

- ETN050BEL, Transducer 50kHz TGM 60-50-25L, 25m cable, without adaptor
- ETN050BELX, Transducer 50kHz TGM 60-50-40L, 40m cable, without adaptor
- ETN200FS, Transducer 200kHz TGM-50-200-25L, 25m cable, no adaptor
- ETN200FSX, Transducer 200kHz TGM-50-200-40L, 40m cable, no adaptor



5.1 ETN050BEL/ETN050BELX/ETN200FS/ETN200FSX

Item no.	Part number	Description	Qty.
1	ETN050BEL	Transducer 50kHz TGM 60-50-25L, 25m cable, without adaptor	1
1	ETN050BELX	Transducer 50kHz TGM 60-50-40L, 40 m cable, without adaptor	1
1	ETN200FS	Transducer 200kHz TGM-50-200-25L, 25m cable, no adaptor	1
1	ETN200FSX	Transducer 200kHz TGM-50-200-40L, 40m cable, no adaptor	1

6 Transducers for tank, aluminium, combo

- ETN050TA, TRANSDUCER 50 kHz, 25 m, w/a for ETNALC. TGM 60-50-25L
- ETN050XTA, TRANSDUCER 50 kHz, 40 m, w/a for ETNALC. TGM 60-50-40L
- ETN200STA, TRANSDUCER 200 kHz, 25 m, w/acc. for ETNALC. TGM 50-200-25L
- ETN200SXTA, TRANSDUCER 200 kHz, 40 m, w/acc. for ETNALC. TGM 50-200-40L



6.1 ETN050TA, 50 kHz, 25 m

Item no.	Part number	Description	Qty.	Info
1	INSTKITALUC-SA	Installation kit for Alu combo tank	1	See page 22
2	ZZL-01019	Junction box 1151/ZWR for Echo Sounder Transducers	1	
3	TCA-2043	Tank Combo Aluminium, Ring for ES transducer	1	
4	ETN050BEL	Transducer 50kHz TGM 60-50-25L, 25m cable, without adaptor	1	
5	TCA-2044	Tank Combo Aluminium Press element for ES transducer	1	

6.2 ETN050XTA, 50 kHz, 40 m

Item no.	Part number	Description	Qty.	Info
1	INSTKITALUC-SA	Installation kit for Alu combo tank	1	See page 22
2	ZZL-01019	Junction box 1151/ZWR for Echo Sounder Transducers	1	
3	TCA-2043	Tank Combo Aluminium, Ring for ES transducer	1	
4	ETN050BELX	Transducer 50kHz TGM 60-50-40L, 40 m cable, without adaptor	1	
5	TCA-2044	Tank Combo Aluminium Press element for ES transducer	1	



6.3 ETN200STA, 200 kHz, 25 m

Item no.	Part number	Description	Qty.	Info
1	INSTKITALUC-SA	Installation kit for Alu combo tank	1	See page 22
2	ZZL-01019	Junction box 1151/ZWR for Echo Sounder Transducers	1	
3	TCA-2043	Tank Combo Aluminium, Ring for ES transducer	1	
4	ETN200FS	Transducer 200kHz TGM-50-200-25L, 25m cable, no adaptor	1	
5	TCA-2044	Tank Combo Aluminium Press element for ES transducer	1	

6.4 ETN050XTA, 50 kHz, 40 m

Item no.	Part number	Description	Qty.	Info
1	INSTKITALUC-SA	Installation kit for Alu combo tank	1	See page 22
2	ZZL-01019	Junction box 1151/ZWR for Echo Sounder Transducers	1	
3	TCA-2043	Tank Combo Aluminium, Ring for ES transducer	1	
4	ETN200FSX	Transducer 200kHz TGM-50-200-40L, 40m cable, no adaptor	1	
5	TCA-2044	Tank Combo Aluminium Press element for ES transducer	1	

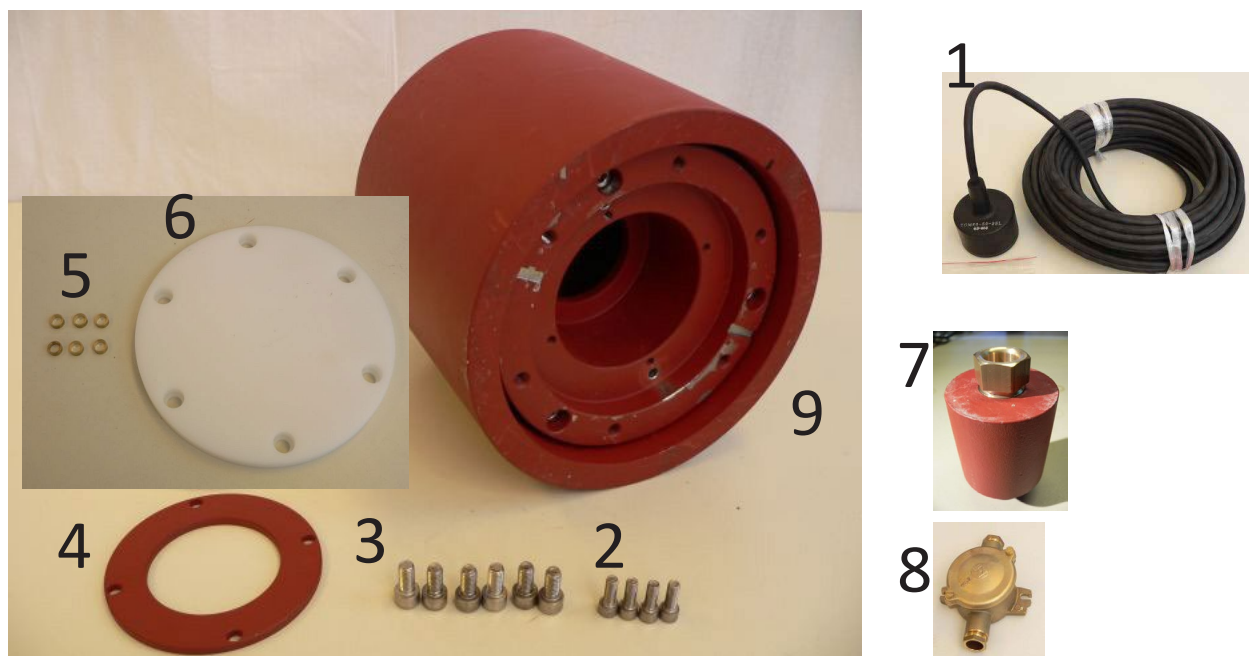
6.5 INSTKITALUC-SA, 50/200 kHz installation kit for aluminium Combo tank



Item no.	Part number	Description	Qty.
1	ZOA-01005	Special wrench/tool	1
2	ZOA-01057	Allen key 911/M5	1
3	ZOA-01082	Screw M5 x 25 mm DIN912 A4	3
4	ZOA-01009	Washer M12 DIN125A A4	2
5	ZOA-01017	Bronze nut PG-Nipple	1
6	ZOA-01008	Rubber gasket Ø23,5/12,5x15 mm SB-6029	1

7 Transducers for tanks with ice protection

- ETN050T-ICE: Transducer 50kHz TGM 60-50-25L, 25 m cable for Tank with ice protection
- ETN050XT-ICE: Transducer 50kHz TGM 60-50-40L, 40 m cable, for Tank with ice protection
- ETN200ST-ICE: Transducer 200kHz, TGM 50-200-25L, 25 m cable for Tank with ice protection
- ETN200SXT-ICE: Transducer 200kHz TGM-50-200-40L, 40 m cable, for Tank with ice protection



7.1 ETN050(X)T-ICE / ETN200S(X)T-ICE

Item no.	Part number	Description	Qty.
1	ETN050BEL / ETN050BELX / ETN200FS / ETN200FSX	ETN050BEL: Transducer 50kHz TGM 60-50-25L, 25m cable, without adaptor ETN050BELX: Transducer 50kHz TGM 60-50-40L, 40 m cable, without adaptor ETN200FS: Transducer 200kHz TGM-50-200-25L, 25m cable, without adaptor ETN200FSX: Transducer 200kHz TGM-50-200-40L, 40m cable, without adaptor	1
2	ZOA-1052	Allen screw M6X14 A4-80 MC6S DIN 912	4
3	ZOA-1016	Allen screw M8X16/912/A4 6knt	6
4	ZOA-1021	Inner mounting ring for icetank	1
5	ZOA-1051	Insert for ice plate to ETNSTCI, Ø10-h4	6
6	ETNARCPL	Tank, ice protection plate for ETNSTCI (Arctic tank)	1
7	ZZL-01011	Cable Gland. Steel 6" W/PG-Nipple, gasket and washers	1
8	ZZL-01019	Junction box 1151/ZWR for Echo Sounder Transducers	1
9	ETNSTCI*	Tank with adaptor for ice protection *Not included with the transducer.	1

- ETN024T-ICE
- ETN038T-ICE



7.2 ETN024T-ICE

Item no.	Part number	Description	Qty.
1	ETN24M	Transducer 24kHz, 40 m cable, No accessories	1
2	ZZL-01019	Junction box 1151/ZWR for Echo Sounder Transducers	1

7.3 ETN038T-ICE

Item no.	Part number	Description	Qty.
1	ETN38M	Transducer 38kHz, 40 m cable, No accessories	1
2	ZZL-01019	Junction box 1151/ZWR for Echo Sounder Transducers	1

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