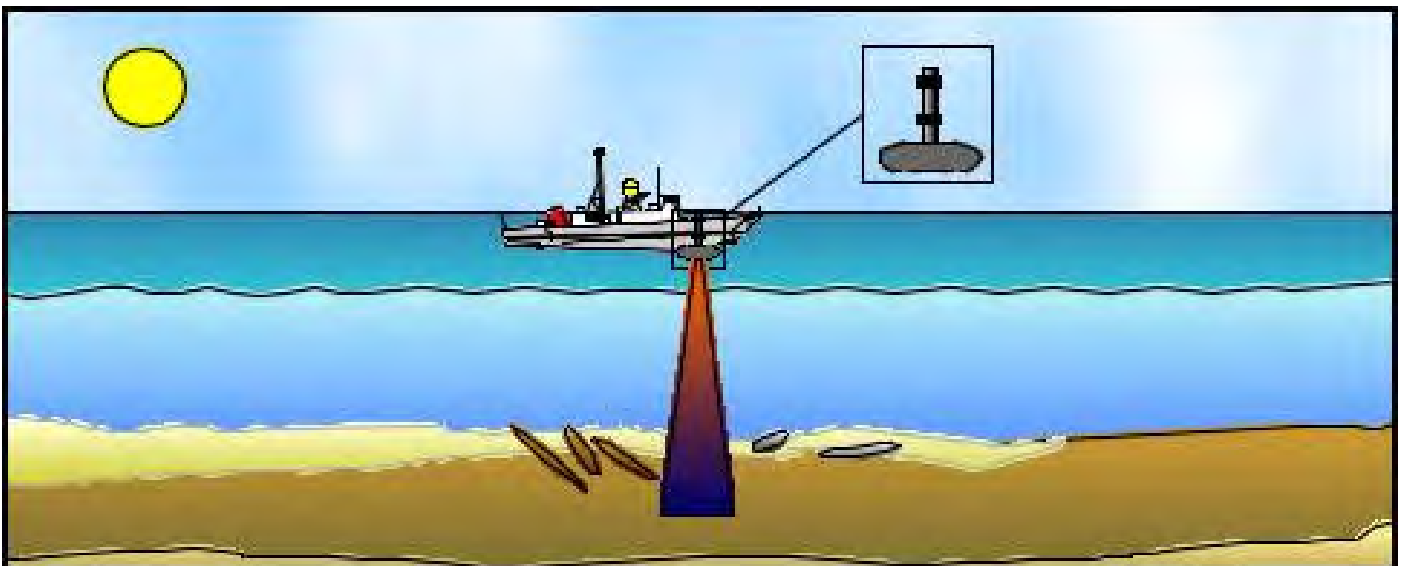


SKIPPER

NAVIGATION ECHO SOUNDER TRANSDUCERS

Illustrated parts list

Edition : 20101210



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TRANSDUCERS FOR STANDARD TANK ETNST, COMBO ETNSTC AND ALU TANK ETNAL

ETN050T / ETN050XT, 50 kHz transducers for standard tank



ETN050T

Item no	Description	Part number	Drawing number/info	Qty
1	Shipping kit	INSTKITTANK-SA	See page 7	1
2	Junction box	ZZL-01019		1
3	Ring 50 kHz	ETN050SR	TC-2010	1
4	Transducer 50 kHz TGM 60-50-25L	ETN050BEL	25 m cable	1

ETN050XT

Item no	Description	Part number	Drawing number/info	Qty
1	Shipping kit	INSTKITTANK-SA	See page 7	1
2	Junction box	ZZL-01019		1
3	Ring 50 kHz	ETN050SR	TC-2010	1
4	Transducer 50 kHz TGM 60-50-40L	ETN050BELX	40 m cable	1

ETN200T / ETN200XT, 200 kHz transducer.



ETN200T

Item no	Description	Part number	Drawing number/info	Qty
1	Shipping kit	INSTKITTANK-SA	See page 7	1
2	Junction box	ZZL-01019		1
3	Ring 200 kHz	ETN200SR	TC-2011	1
4	Transducer 200 kHz TGM 100-200-25L	ETN200F	25 m cable	1

ETN200XT

Item no	Description	Part number	Drawing number/info	Qty
1	Shipping kit	INSTKITTANK-SA	See page 7	1
2	Junction box	ZZL-01019		1
3	Ring 200 kHz	ETN200SR	TC-2011	1
4	Transducer 200 kHz TGM 100-200-40L	ETN200FX	40 m cable	1

ETN200ST / ETN200SXT, 200 kHz TRANSDUCER.



ETN200ST

Item no	Description	Part number	Drawing number/info	Qty
1	Shipping kit	INSTKITTANK-SA	See page 7	1
2	Junction box	ZZL-01019		1
3	Ring 50 kHz	ETN050SR	TC-2010	1
4	Transducer 200 kHz TGM 50-200-25L	ETN200FS	25 m cable	1

ETN200SXT

Item no	Description	Part number	Drawing number/info	Qty
1	Shipping kit	INSTKITTANK-SA	See page 7	1
2	Junction box	ZZL-01019		1
3	Ring 50 kHz	ETN050SR	TC-2010	1
4	Transducer 200 kHz TGM 50-200-40L	ETN200FSX	40 m cable	1

INSTKITTANK-SA, 50/200 kHz TRANSDUCER STANDARD/COMBO TANK



INSTKITTANK-SA

Item no	Description	Part number	Drawing number/info	Qty
1	Special wrench	ZOA-01005		1
2	Allen key 6 mm	ZOA-01003		1
3	Screw M8 x 16	ZOA-01016		6
4	Washer M12	ZOA-01009		4
5	PG Nipple	ZOA-01017	TC-2013	1
6	Gasket	ZOA-01008	SB-6029	1

TRANSDUCERS FOR COMBO TANK ETNSTCL

ETN024T, 24 kHz transducer for Combo tank

ETN038T, 38 kHz transducer for Combo tank



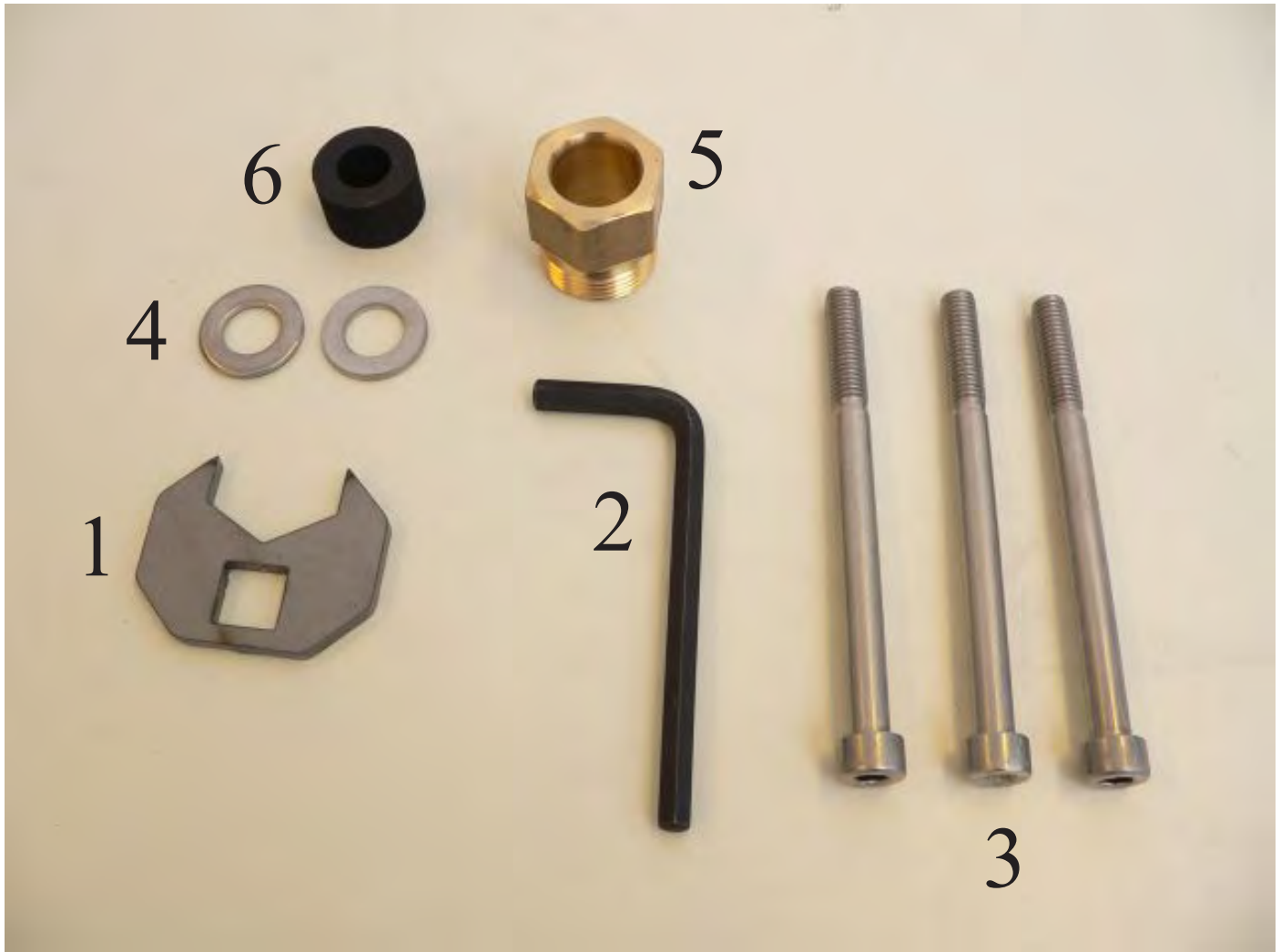
ETN024T

Item no	Description	Part number	Drawing number/info	Qty
1	Junction box	ZZL-01019		1
2	Shipping kit		See page 9	1
3	Transducer 24 kHz. 40 m cable	ETN24M	41-220-1-01	1

ETN038T

Item no	Description	Part number	Drawing number/info	Qty
1	Junction box	ZZL-01019		1
2	Shipping kit		See page 9	1
3	Transducer 38 kHz. 40 m cable	ETN38M	41-221-1-01	1

Shipping kit 24/38 kHz transducer combo tank



SHIPPING KIT

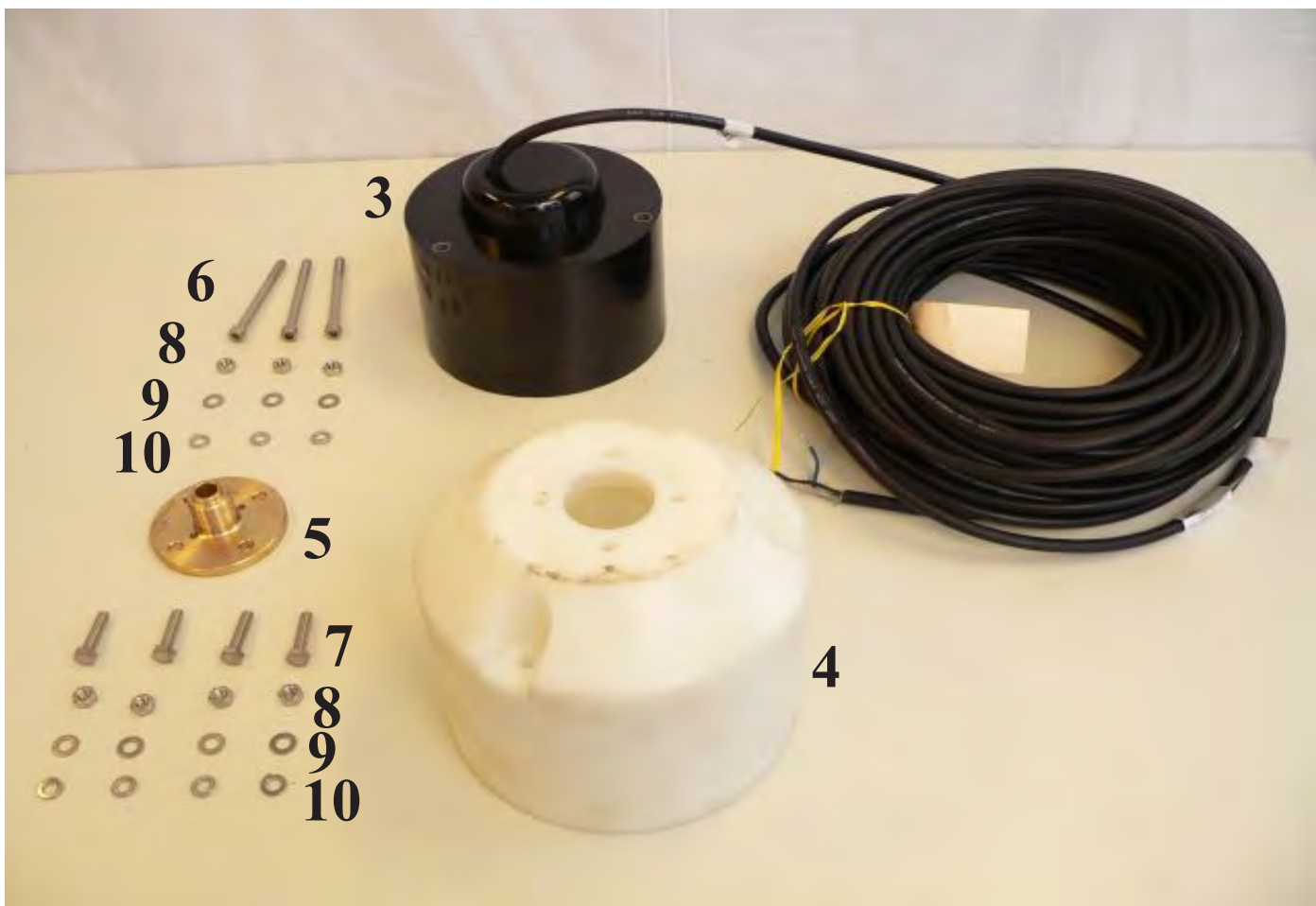
Item no	Description	Part number	Drawing number/info	Qty
1	Special wrench	ZOA-01005		1
2	Allen key 6 mm	ZOA-01003		1
3	Screw M8 x 100	ZOA-01053		3
4	Washer M12	ZOA-01009		2
5	PG Nipple	ZOA-01017	TC-2013	1
6	Gasket	ZOA-01008	SB-6029	1

TRANSDUCERS FOR 200 MM GATE VALVE SB-200

ETN024G, 24 kHz transducer



Item no	Description	Part number	Drawing number/info	Qty
1	Transducer 24 kHz for 200 mm gate valve	See below	Factory mounted	1
2	Junction box	ZZL-01019		1

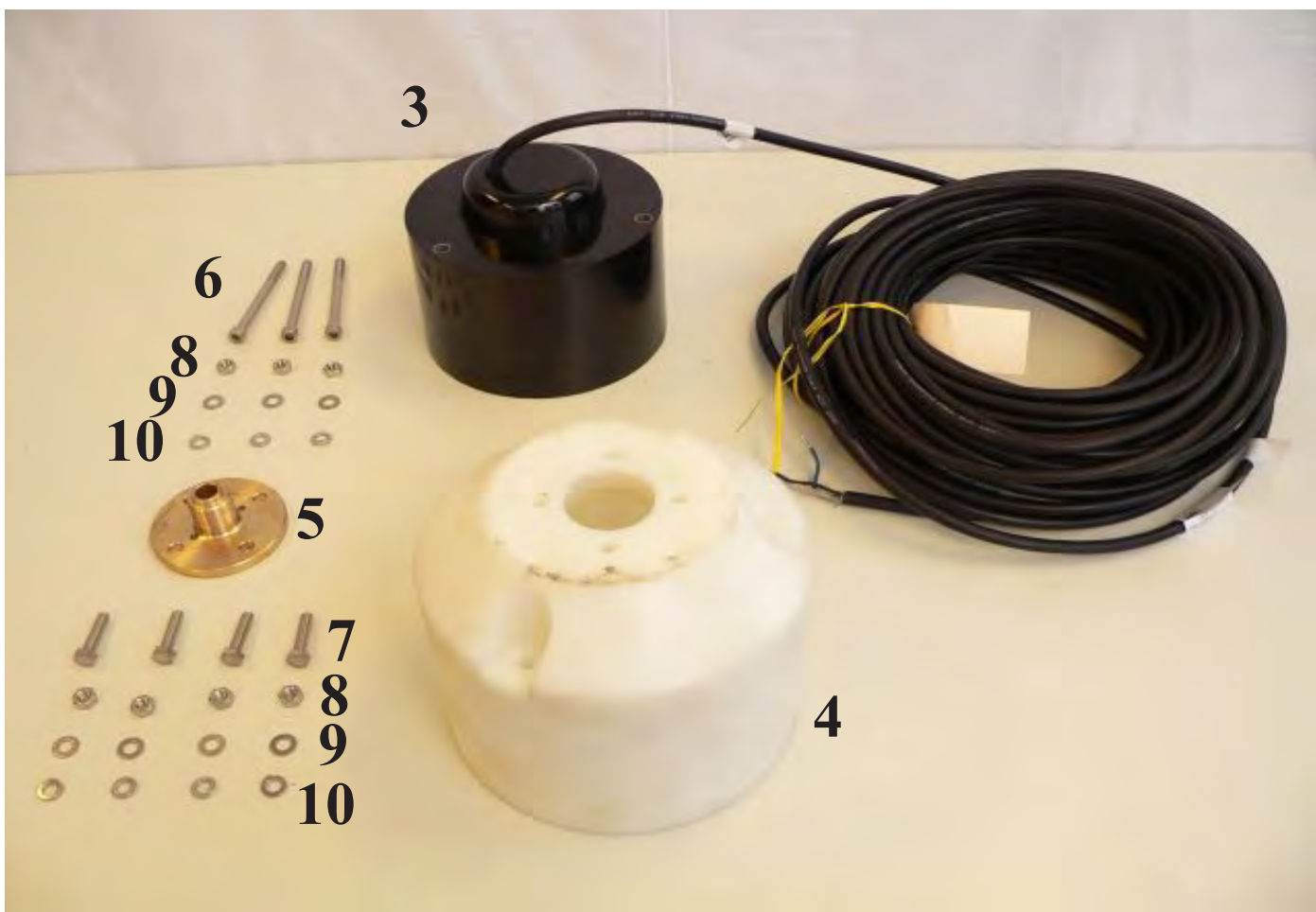


Item no	Description	Part number	Drawing number/info	Qty
3	Transducer 24 kHz. 40 m cable	ETN24M	41-220-1-01	1
4	Cover 24/38 kHz gate valve	SB-4002	SB-4002	1
5	Cover 24/38 kHz gate valve	DB-2023	DB-2023	1
6	Screw M8 x 110	ZOA-01053		3
7	Screw M8 x 35			4
8	Nut M8			7
9	Spring washer M8			7
10	Washer M8			7

ETN038G, 38 kHz transducer



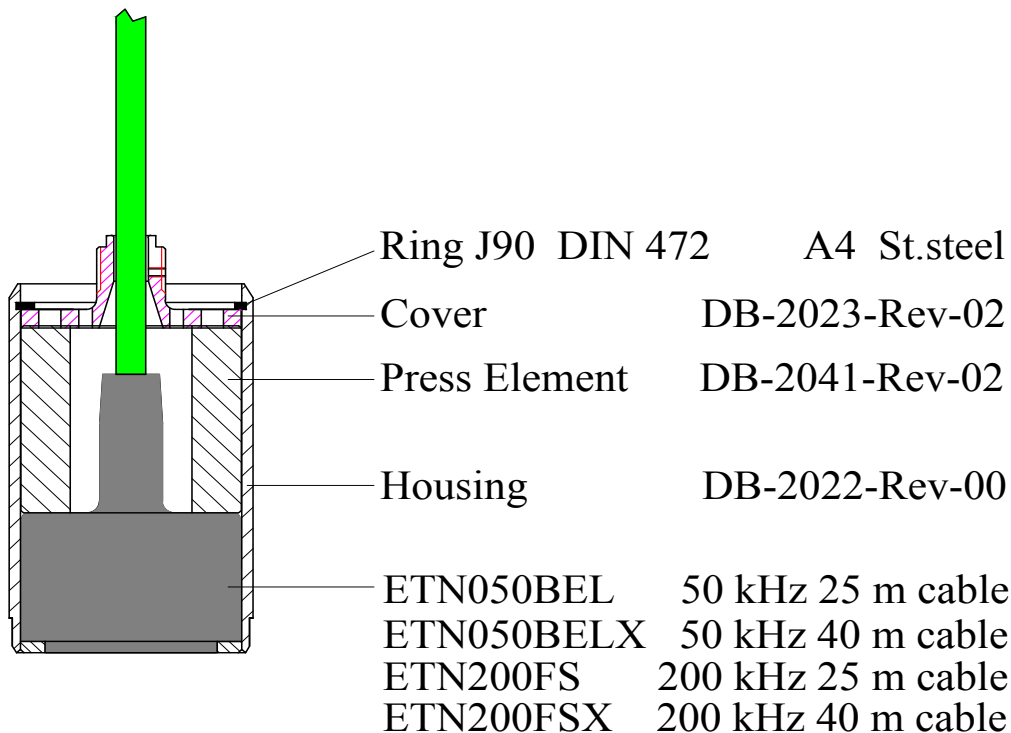
Item no	Description	Part number	Drawing number/info	Qty
1	Transducer 38 kHz for 200 mm gate valve	See below	Factory installed	1
2	Junction box	ZZL-01019		1



Item no	Description	Part number	Drawing number/info	Qty
3	Transducer 38 kHz. 40 m cable	ETN38M	41-221-1-01	1
4	Cover 24/38 kHz gate valve	SB-4002	SB-4002	1
5	Cover 24/38 kHz gate valve	DB-2023	DB-2023	1
6	Screw M8 x 110	ZOA-01053		3
7	Screw M8 x 35			4
8	Nut M8			7
9	Spring washer M8			7
10	Washer M8			7

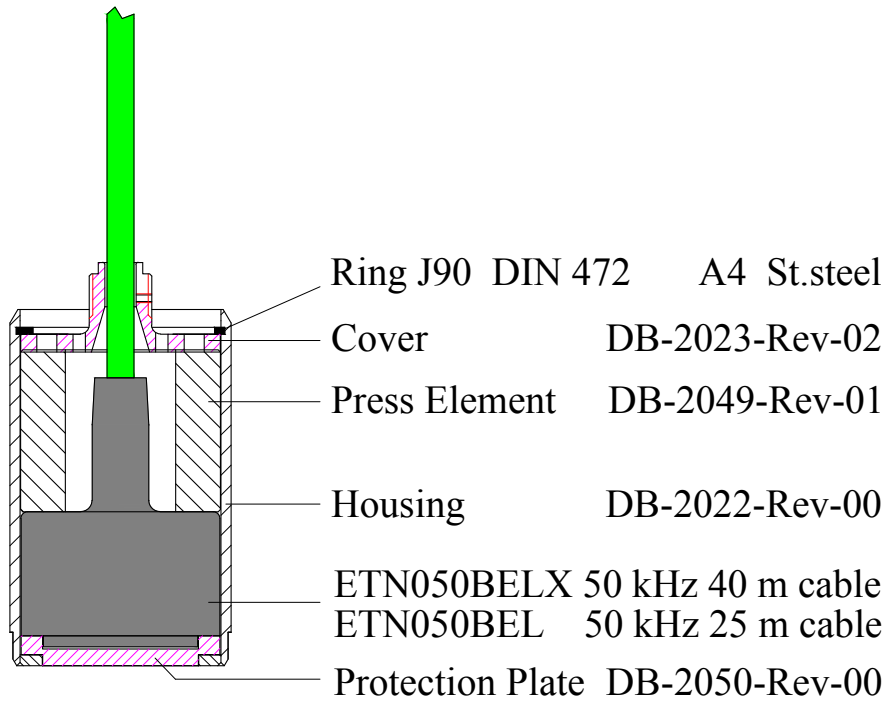
TRANSDUCER FOR GATE VALVE SB-100 / DB-100

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



Item no	Description	Part number	Drawing number/info	Qty
1	Transducer 50 or 200 kHz for 100 mm gate valve		Factory installed	1
2	Junction box	ZZL-01019		1

ETN050GI, 50 kHz, ice protected, 25 m cable
ETN050XGI, 50 kHz, ice protected, 40 m cable



TRANSDUCERS FOR SEA VALVE ETNSLJB**ETN050BEL/ETN050BELX ETN200FS/ETN200FSX transducers without adaptors****ETN050BEL/ETN050BELX/ETN200FS/ETN200FSX**

Item no	Description	Part number	Drawing number/info	Qty
1	TRANSDUCER TGM 60-50-25L, 25 m cable, no accessories, for ETNSLJB	ETN050BEL	50 kHz, 25 m cable	1
1	TRANSDUCER TGM 60-50-40L, 40 m cable, no accessories, for ETNSLJB	ETN050BELX	50 kHz, 40 m cable	1
1	TRANSDUCER TGM-50-200-25L, 25 m cable, no accessories, for ETNSLJB	ETN200FS	200 kHz, 25 m cable	1
1	TRANSDUCER TGM-50-200-40L, 40 m cable, no accessories, for ETNSLJB	ETN200FSX	200 kHz, 40 m cable	1

TRANSDUCERS FOR TANK, ALUMINIUM, COMBO



ETN050TA, 50 kHz, 25 m

Item no	Description	Part number	Drawing number/info	Qty
1	Shipping kit	INSTKITALUC-SA	See page 16	1
2	Junction box	ZZL-01019		1
3	Aluminium ring for ES transducer	TCA-2043		1
4	Transducer 50 kHz TGM 60-50-25L	ETN050BEL	25 m cable	1
5	Press element for ES transducer. Tank Alu.	TCA-2044		1

ETN050XTA, 50 kHz, 40 m

Item no	Description	Part number	Drawing number/info	Qty
1	Shipping kit	INSTKITALUC-SA	See page 16	1
2	Junction box	ZZL-01019		1
3	Aluminium ring for ES transducer	TCA-2043		1
4	Transducer 50 kHz TGM 60-50-40L	ETN050BELX	40 m cable	1
5	Press element for ES transducer. Tank Alu.	TCA-2044		1



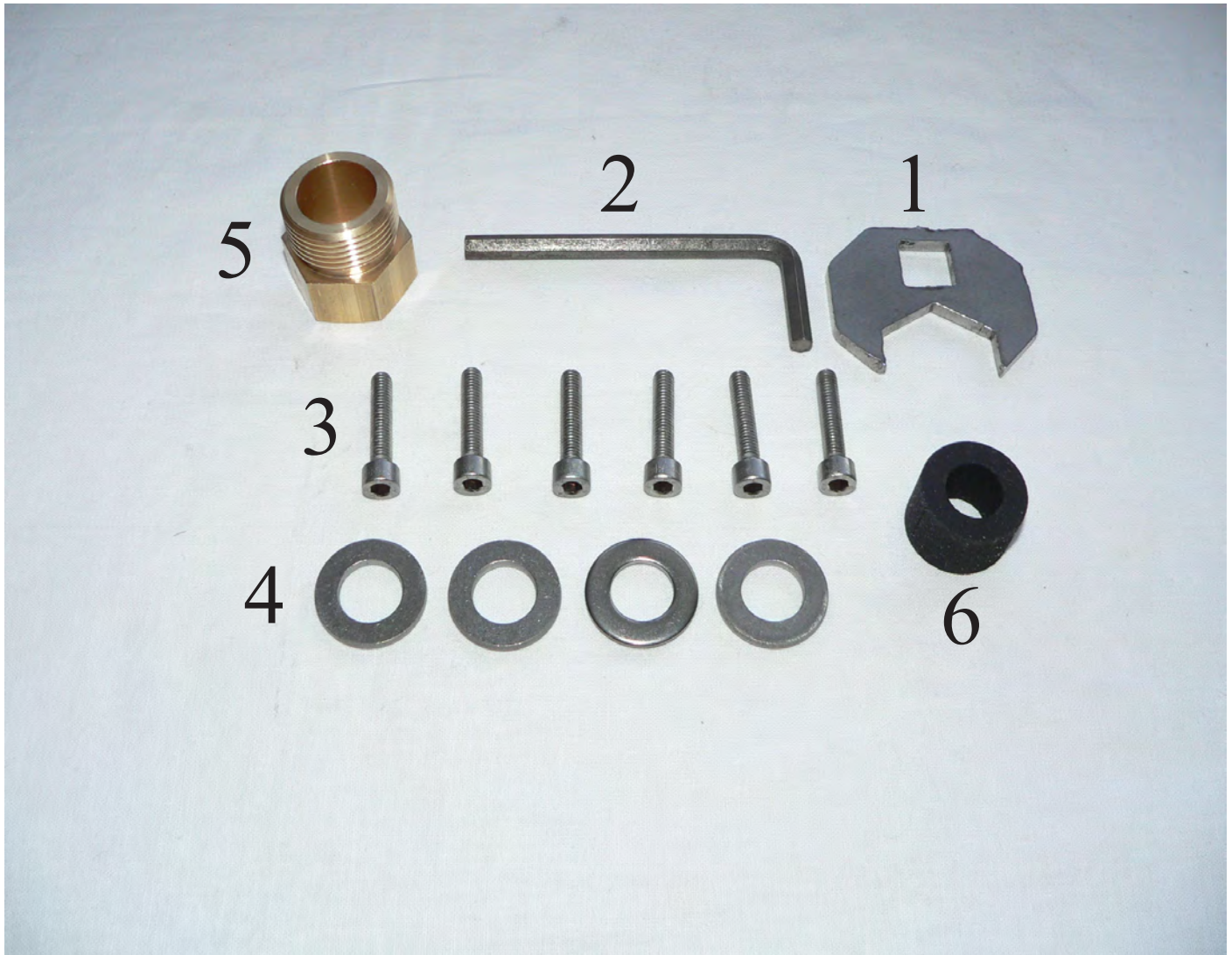
ETN200TA, 200 kHz, 25 m

Item no	Description	Part number	Drawing number/info	Qty
1	Shipping kit	INSTKITALUC-SA	See page 16	1
2	Junction box	ZZL-01019		1
3	Aluminium ring for ES transducer	TCA-2043		1
4	Transducer 200 kHz TGM 50-200-25L	ETN200FS	25 m cable	1
5	Press element for ES transducer. Tank Alu.	TCA-2044		1

ETN200XTA, 200 kHz, 40 m

Item no	Description	Part number	Drawing number/info	Qty
1	Shipping kit	INSTKITALUC-SA	See page 16	1
2	Junction box	ZZL-01019		1
3	Aluminium ring for ES transducer	TCA-2043		1
4	Transducer 200 kHz TGM 50-200-40L	ETN200FSX	40 m cable	1
5	Press element for ES transducer. Tank Alu.	TCA-2044		1

INSTKITALUC-SA, 50/200 kHz INSTALLATION KIT FOR ALUMINIUM COMBO TANK



Item no	Description	Part number	Drawing number/info	Qty
1	Special wrench/tool	ZOA-01005		1
2	Allen key 911/M5	ZOA-01057		1
3	Screw M5 x 25 mm	ZOA-01082		6
4	Washer M12	ZOA-01009		4
5	PG Nipple	ZOA-01017	TC-2013	1
6	Gasket	ZOA-01008	SB-6029	1