SKIPPER Bottom Sea Valves & Tanks

Product Dismantling and Recycling

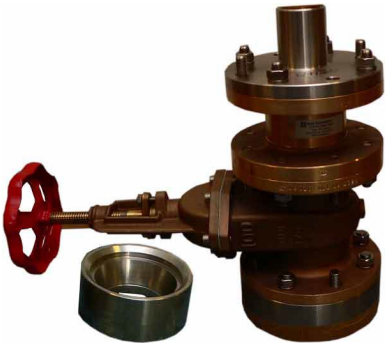
Applicable products

Bottom Sea Valves:

- SKIPPER SB-60-SA
- SKIPPER SB-100-SB
- SKIPPER DB-60-SA
- SKIPPER DB-100-SB
- SKIPPER DB-100-SA
- SKIPPER SB-200-ECHO
- SKIPPER SB-100-SA

SKIPPER SB-60-SA / SB-100-SB / SB-200-ECHO / SB-100-SA:

SKIPPER DB-60-SA / DB-100-SB / DB-100-SA:



Bottom Tanks:

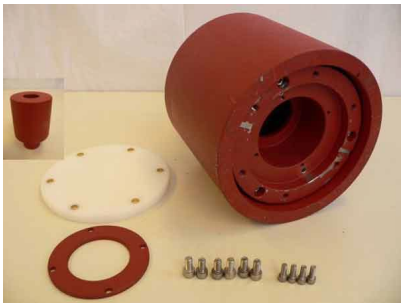
- SKIPPER ETNALC
- SKIPPER ETNSTCI
- SKIPPER ETNST
- SKIPPER ETNSTCLF
- SKIPPER ETNSTCL
- SKIPPER ETNSTCILF

SKIPPER ETNST / ETNSTCLF / ETNSTCL:

SKIPPER ETNALC:

SKIPPER ETNSTCILF:

SKIPPER ETNSTCI:



SKIPPER ETNSTCI and SKIPPER ETNSTCILF require disassembly to separate the ice protection plate from the rest of the housing. The remaining bottom sea valves and bottom tanks listed above consist entirely of metal parts and do not require disassembly.

1) Tools are required to disassemble SKIPPER ETNSTCI and SKIPPER ETNSTCILF.

2) SKIPPER ETNSTCI and SKIPPER ETNSTCILF consist of metal parts and Polyethylene parts.

3) Disassemble SKIPPER ETNSTCI and SKIPPER ETNSTCILF according to the images above and separate the parts as shown.

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MECHANICAL / HOUSING

The housing on the bottom sea valves and the bottom tanks consist of metal. The ice protection plate consists of Polyethylene (PE500).

PROPER PRODUCT RECYCLING

For proper product disposal and recycling, please:

- Consult your local authorities about your country's disposal and recycling rules and regulations.
- Observe the applicable WEEE (Waste from Electrical and Electronic Equipment) rules.

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CRITICAL RAW MATERIAL (CRM) CONTENT PER COMMODITY TYPE

Critical raw materials (CRMs) are of high economic importance and have a high risk of supply chain disruption. In 2023, EU published a fifth list of 34 CRMs in the Annex II of the Regulation proposal COM(2023) based on the Study on the Critical Raw Materials for the EU 2023 – Final Report.

Based on the fifth list from 2023 of critical raw materials for the EU, Jotron has conducted an analysis of CRM content in the company's products. The content is limited to information sourced by responses and documentation from suppliers and manufacturers. The sourcing of documentation was done by questions on email, phone calls, meetings and searching verified online pages. The CRM content is limited to commodity group, not part specific.

The table below lists Jotron's commodity types that may contain critical raw materials (CRMs).

Capacitor	**Connector**	**Diode**	**Fasteners**	**Fuse**
Aluminium (bauxite) Copper	Brass (copper) Nickel	Copper Silicon	NA	Aluminium (bauxite) Copper Nickel
Inductive parts	**Integrated circuit**	**Memory**	**Metal sheet**	**Opto**
Magnesium Titanium dioxide	Aluminium (bauxite) Copper	Aluminium (bauxite) Baron Copper	Aluminium (bauxite) Copper Nickel	Fluorine Possible terbium* in display
Printed circuit boards	**Relay**	**Resistor**	**Switchers**	**Batteries**
Copper	Aluminium (bauxite) Copper Nickel	Aluminium (bauxite) Bismuth Boron Nickel Silicon Titanate (titanium)	Aluminium (bauxite) Copper Manganese Nickel Silicon	Aluminium Cobolt Copper Gallium Lithium Manganese Nickel

*Heavy rare earth element

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