



Producto distribuido por

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Product Name	SBC-C
Part Number	O
Short Description	Cable Release Type
Description	<p>Used to protect hose assemblies against excessive loads. Special type, recommended in transfer systems with the combination of high operating pressure and weak piping structure.</p> <p>Compared with standard Safety Break Couplings with breaking bolts SBC-C are designed with a clamp system and an external collar with an attached cable.</p> <p>The tensile force (pulling force) is not transmitted via the hose or loading arm, but by an integrated cable which is attached to a fixed point (pipework, rail tanker or road tanker).</p> <p>The length of the cable is adjusted slightly shorter than the maximum length of the loading line.</p> <p>Release forces are almost independent from the internal pressure (working pressure).</p> <p>After the admitted travel limit of the cable is reached (angle up to 90 degrees), only a small pull is sufficient to actuate the separation.</p> <p>If the cable reaches the admitted travel limit and a defined pulling force, the external collar is pulled off and clamps are actuated; the coupling will separate and instantly seal the two open ends. There are no loose components which can get lost. After separation the coupling is checked and can be reconnected without spare parts or special tools.</p>
Sizes	2" (DN 50) up to 6" (DN 150).
Connections	BSP/NPT thread, DIN/ANSI/TW/TTMA flange – others on request.
Pressure	Working pressure: Aluminium PN 16, Stainless steel PN 25, Brass PN 16.
Temperature	-20° C up to +80° C; fulfilment of larger temperature range -50° C up to +200° C is possible - depending on medium, coupling and sealing material.
Material	Body: either stainless steel (1.4401 (AISI 316), 1.4404 (AISI 316L), 1.4408 (CF-8M), 1.4409 (CF-3M)), aluminium or brass – others on request. O-Rings: Viton® (FPM/FKM) – others on request. Flat seal (for female parallel thread connections only): PTFE (stainless steel couplings), PU (aluminium and brass)

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couplings) – others on request.

Breaking bolt types: breaking bolts of stainless steel.

Cable release type: supplied with a stainless steel pull cable attached to the collar of the coupling. The required secondary cable as connection to a fixed point is not supplied.

Approvals / Certificates

SBC-C fulfill the requirements of European Pressure Equipment Directive category 2 (for higher demand on request).

Suitable for the use in potentially explosive atmosphere (ATEX) zone 1.

Approved for the transport of dangerous goods on road (ADR), by rail (RID) and by ship (IMDG).

Lloyd's Register 0038 RET0271208, TDT-UW-21/16, EAC TC No. RU Д-SE.MIO62.B.02151

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