

## Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

<b>Manufacturer</b>	<b>SERTO AG</b>
<b>Address</b>	Langfeldstrasse 117, Frauenfeld, 8500, Switzerland
<b>Type</b>	Compression Fittings
<b>Description</b>	Stainless steel compression ferrule pipe unions  TYPE SERTO 5000 Series
<b>Trade Name</b>	SERTO 5000 Series
<b>Application</b>	Marine, offshore and industrial use as general purpose compression couplings for use in piping systems carrying liquids and gases compatible with the materials of construction, classed or intended for Classification with Lloyd's Register
<b>Specified Standard</b>	Rules and Regulations for the Classification of Ships, July 2021 BS 4368 Part 4: 1984 – Compression Couplings for Tubes – Specification for Type Test Requirements

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<b>Ratings</b>	Pipe outside diameter : (mm)	Nominal working pressure: (bar)
	2 to 5	250
	6 to 8	200
	9,52 to 12	160
	12,7 to 18	100
	21,3 to 22	64
	28	40

**Other Conditions**      Stainless steel couplings are not to be used in oxygen or oxygen enriched systems.

This certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid Certificate.

**Previous Version:**      12/20050(E1)

The Design Appraisal Document ENS 21051-08, Issue No. 3 and its supplementary Type Approval Terms and Conditions form part of this Certificate.