



**TYPE APPROVAL CERTIFICATE**  
No. MAC156623XG/002

**This is to certify that the product identified below satisfies the requirements of the standard quoted under "Reference standard"**

<i>Description</i>	<b>MECHANICAL JOINTS FOR PIPES</b>
<i>Type</i>	<b>Compression Coupling / Press Type</b>
<i>Applicant</i>	<b>Brand Name: Sanpress Inox / Sanpress Inox XL VIEGA GmbH &amp; Co. KG Viega Platz 1 57439 Attendorn GERMANY</b>
<i>Manufacturer</i>	<b>VIEGA GmbH &amp; Co. KG</b>
<i>Place of manufacture</i>	<b>Viega Platz 1 57439 Attendorn GERMANY</b>
<i>Reference standards</i>	<b>Part C, Chapter 1, Section 10 of RINA Rules</b>
<i>Reference documents</i>	<b>RINA Type approval system</b>

Issued in **HAMBURG** on **June 5, 2023**. This Certificate is valid until **June 5, 2028**

*Giuseppe Russo*

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RINA Services S.p.A.  
**Giuseppe Russo**

This certificate consists of this page and 2 enclosures.

**TYPE APPROVAL CERTIFICATE**  
No. **MAC156623XG/002**  
Enclosure - Page 1 of 1  
**Compression Coupling / Press Type**  
**Brand Name: Sanpress Inox / Sanpress Inox XL**

**Reference documents:**

- Catalogue of Sanpress connectors filed for information under RINA dwg no. HMMC-12115
- Test Reports filed for information under RINA dwg. no. HMMC-12315  
Fire Endurance Tests as per ISO 19921:2005,  
Vibration, Pressure Impulse, Burst Pressure, Pull-out and Vacuum Tests as per IACS section P2.11.5.5.

**Technical characteristics:**

This product is a pipe connecting system for pipes made of stainless steel material No. 1.4401 (AISI 316L) (X2CrNiMo 17-12-2)) and No. 1.4521 (AISI 444) (X2CrMoTi 18-2).

Pipe press connectors are made of stainless steel material No. 1.4401 (AISI 316L) (X2CrNiMo 17-12-2)) and No. 1.4521 (AISI 444) (X2CrMoTi 18-2).

Sealing elements are made of EPDM rubber or FKM rubber.

Nominal connector sizes are correlated with an outer pipe diameters in mm as follows:

Standard sizes: 15; 18; 22; 28; 35; 42; 54.

XL sizes: 64,0; 76,1; 88,9; 108,0.

Operating temperature: -10°C up to 110°C for EPDM rubber (14°F up to 230°F)  
-5° C up to 140° C for FKM rubber (23°F up to 284°F)

Maximum working pressure: 1,6 MPa (16 bar)

Pipes Dimensions according to the following table:

Pipe external diameter (mm)	Pipe thickness (mm)
15	1.0
18	1.0
22	1.2
28	1.2
35	1.5
42	1.5
54	1.5
64.0	2.0
76.1	2.0
88.9	2.0
108.0	2.0

**TYPE APPROVAL CERTIFICATE**  
No. **MAC156623XG/002**  
**Enclosure - Page 2 of 2**  
**Compression Coupling / Press Type**  
**Brand Name: Sanpress Inox and Sanpress Inox XL**

***Fields of application:***

This connecting system is intended for use on board ships and other units classed by RINA in the following piping systems:

- fire extinguishing and sprinkler systems
- cold & hot fresh water systems
- compressed air systems
- fresh water cooling systems
- brine systems
- for vacuum lines up to -0,17 bar (-2,46 psi) acc. to the IACS test methods P2.11.5.5.7
- flammable liquids system (flash point > 60°C)

***Acceptance conditions:***

Application of this product and its acceptable use for particular piping systems is indicated in RINA Rules Part C, Chapter 1, Section 10, Table 16 and column referring to compression couplings.

This product is not allowed to be used in class I and II piping systems as indicated in RINA Rules Part C, Chapter 1, Section 10, Table 17.

The acceptance of this product is subject to the satisfactory outcome of testing as per RINA Rules.

The installation on board is to be carried out in accordance with the Manufacturer's assembly instructions.

Special tools for proper mounting are to be supplied by the Manufacturer.

***Remarks:***

This Certificate has replaced the Type Approval Certificate No. MAC285618XG/002.

**HAMBURG June 5, 2023**

*Giuseppe Russo*