



Marine & Offshore

Certificate number: 62896/A0 BV

File number: ACM 135/2802/1

Product code: 2190H

*This certificate is not valid when presented without the full attached schedule composed of 7 sections*

www.veristar.com

## TYPE APPROVAL CERTIFICATE

*This certificate is issued to*

**SAMSON AG**

Frankfurt am Main - GERMANY

*for the type of product*

**MISCELLANEOUS PIPINGS FOR SPECIAL APPLICATIONS**

PNEUMATIC VOLUME BOOSTER Type 3755

**Requirements:**

BUREAU VERITAS Rules for the Classification of Steel Ships

BUREAU VERITAS Rules for the Classification of Offshore Units

*This certificate is issued to attest that Bureau Veritas Marine & Offshore did undertake the relevant approval procedures for the product identified above which was found to comply with the relevant requirements mentioned above.*

**This certificate will expire on: 29 Oct 2025**

**For Bureau Veritas Marine & Offshore,**

At BV HAMBURG, on 29 Oct 2020,

Adama Diene



This certificate remains valid until the date stated above, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with and the product remains satisfactory in service. This certificate will not be valid if the applicant makes any changes or modifications to the approved product, which have not been notified to, and agreed in writing with Bureau Veritas Marine & Offshore. Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/they being placed on board vessels to which the amended regulations or standards apply. This certificate is issued within the scope of the General Conditions of Bureau Veritas Marine & Offshore available on the internet site [www.veristar.com](http://www.veristar.com). Any Person not a party to the contract pursuant to which this document is delivered may not assert a claim against Bureau Veritas Marine & Offshore for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in establishment or issuance of this document, and in connection with any activities for which it may provide.

The electronic version is available at: <http://www.veristarnb.com/veristarnb/jsp/viewPublicPdfTypepec.jsp?id=wssnikcn2e>

BV Mod. Ad.E 530 June 2017

This certificate consists of 3 page(s)

## THE SCHEDULE OF APPROVAL

### 1. PRODUCT DESCRIPTION:

#### **Pneumatic Volume Booster Type 3755**

The Pneumatic Volume Booster is used together with positioners to increase the positioning speed of pneumatic actuators with an effective area  $\geq 1000 \text{ cm}^2$  or a travel volume  $\geq 6 \text{ l}$ .

#### **1.1 Identification and technical data:**

<b>File number</b>	ACM 135/2802/1
<b>Max. Supply air pressure [bar]</b>	10
<b>Temperature range [°C]</b>	-25 to +80

#### **1.2 Material specification:**

<b>Body</b>	Aluminium / Stainless steel
<b>Daiphragm</b>	VMQ
<b>Seat-plug seal</b>	VMQ
<b>Other seals</b>	NBR
<b>Other external parts</b>	Stainless steel

### 2. DOCUMENTS AND DRAWINGS:

According to the following document:

<b>Data Sheet</b>	<b>Edition</b>	<b>Designation</b>
T 8393 EN	November 2017	Type 3755 Pneumatic Volume Booster

### 3. TEST REPORTS:

Not applicable.

### 4. APPLICATION / LIMITATION:

- 4.1 Pneumatic Volume Boosters intended to supply actuators with an air flow output whose pressure corresponds exactly to the signal pressure, except that it has a much higher volume output.
- 4.2 The Pneumatic Volume Boosters will be delivered with the relevant documentation for their maintenance and their operation.
- 4.3 The Pneumatic Volume Boosters are to be mounted between positioners and actuators.
- 4.4 The used materials are to be suitable to the intended services.

### 5. PRODUCTION SURVEY REQUIREMENTS:

- 5.1 The Pneumatic Volume Boosters are to be supplied by **SAMSON AG** in compliance with the type described in this certificate.
- 5.2 This type of product is within the category HBV of BUREAU VERITAS Rule Note NR320 and as such does not require a BUREAU VERITAS product certificate.
- 5.3 **SAMSON AG** has to make the necessary arrangements to have its works recognized by BUREAU VERITAS in compliance with the requirements of NR320 for HBV products.
- 5.4 For information, **SAMSON AG** has declared to BUREAU VERITAS the following production site:  
**SAMSON AG, Frankfurt / GERMANY**
- 5.5 The Pneumatic Volume Boosters are to be pressure tested according to BUREAU VERITAS Rules.

**6. MARKING OF PRODUCT:**

Each Pneumatic Volume Booster should be marked with:

- Manufacturer's name or logo
- Maximum supply air pressure
- Serial number

**7. OTHERS:**

It is **SAMSON AG**'s responsibility to inform shipbuilders or their sub-contractors of the proper methods of fitting, use and general maintenance of the approved equipment and the conditions of this approval.

**\*\*\* END OF CERTIFICATE \*\*\***