

# Type Approval Certificate



[ Flow Meter ]

**Initial Approval** 1 April 2019

**Manufacturer** VAF Instruments B.V.  
Vierlinghstraat 24, 3316 EL Dordrecht, The Netherlands

**Product Description** Type : J5015E J5023E J5025E J5040E J5050E  
J5015PT2 J5023PT2 J5025PT2 J5040PT2 J5050PT2

“ See Appendix 1 ”

**Approval Condition** “ See Appendix 1 ”

**THIS IS TO CERTIFY** that the above-mentioned product has been approved in accordance with the relevant requirement of this Society's Rules and / or of the recognized standards as follows.

Pt. 6, Ch. 2, Art. 301 of the Rules for Classification, Steel Ships.

This Certificate is valid until 31 March 2029

Issued at Busan, Korea on 18 October 2024



This certificate is signed electronically in accordance with IMO FAL.5/Circ.39/Rev.2. Validation and authentication of the certificate can be confirmed from "<http://e-cert.krs.co.kr>" by using the tracking No(ME24050520113) and certificate No.(RTD03790-AE002).



**KOREAN REGISTER**

*General Manager of  
Marine & Ocean Equipment Team*

**Note :**

1. This certificate will be valid subject to complying with the approval conditions described on the certificate and/or on the Rules of this Society.
2. This certificate will be invalid from the expiry date aforementioned unless the extension or renewal has been granted to the applicant or the manufacturer.
3. Any significant modifications or changes in design or construction to the above product without approval from this Society will render this certificate invalid.
4. Should the specified rules, regulations or standards be amended during the validity of this certificate, the product is to be re-approved by this Society in accordance with the requirements as amended.

## Product Description and/or Approval Condition

Date of Issue : 18 October 2024

### A. Product Description

#### 1. Product Specification

Basic Model No.	J5015E J5015PT2	J5023E J5023PT2	J5025E J5025PT2	J5040E J5040PT2	J5050E J5050PT2
Connection size [mm]	15 15	25 25	25 25	40 40	50 50
Capacity [liter/min]	* 37.5 ** 50	37.5 50	120 160	187.5 250	375 500
Temperature [°C]			-10 ~ 125 -10 ~ 150 (Hall)		

\* : Maximum(continuous), \*\* : Maximum(discontinuous, 8 hrs/day)

#### 2. Approved Drawings and Documents

- 1) Drawings  
0801-3202 Rev. F, 0801-3227 Rev. D, 0801-3228 Rev. B, 0801-3229 Rev. -,  
0801-3302 Rev. B, 0801-3304 Rev. A, 0801-3306 Rev. B, 0801-3308 Rev. B,  
0801-3310 Rev. B

#### 3. Test Reports, etc.

- 1) 13C00863RPT01 (2013. 08. 06), 16C00664RPT01 (2016. 06. 15),  
17C01021RPT01 (2017. 10. 02), M17. 001-P17. 001 (2017. 08. 31),  
20230274RPT01 (2023. 06. 26), 20240457RPT01 (2024. 10. 03)

### B. Approval Condition

#### 1. Application & Limitation

- 1) This approval is granted on the basis of the test reports and approved documentation.
- 2) Degree of protection shall be compiled with Rule Pt. 6 Ch. 1 Sec. 2 201. 2. (5).

#### 2. Individual Product Cert. and Drawing Approval Requirement

- 1) Individual Product Certification is not required.

#### 3. Marking

- 1) The product or packing is to be marked with the manufacturer's name and type designation on a suitable position.

#### 4. Others

- 1) Test condition (IACS UR E10 Rev. 8 basis)

Test	Condition	Remark
EMC	All locations including the bridge and deck zone	-
Temperature	+5 ~ +70°C	-
Vibration	Acceleration 0.7g	-

< End of certificate >