

**TEST AND INSPECTION CERTIFICATE FLOW METER.**

Customer **VAN AARSEN MACHINEFABRIEK**  
Country **THE NETHERLANDS**  
VAF-order number **100101662** Hull number  
Customer order number **123376** Cust.tag nr.  
Remarks.  
Classification by **N.A.**

Meter Type **J5040**  
Serial no **607709**  
K-factor **0,130** % (Meter factor)  
Electrical Output **1** P/L

Connection Type **DN 40 DIN PN 16**  
Housing Rating **16 bar**  
Housing Test pressure (@20°C) **24 bar**

Material Internals **DUCTILE IRON & CARBON**  
Material Housing **DUCTILE IRON** Charge No. **02/10**  
Material Front cover **DUCTILE IRON** Charge No. **16589**  
Material Back cover **DUCTILE IRON** Charge No. **2127**

**Materials tested according to EN 10204-3.1.**

Max. capacity. **250,00** l/min (max 8 H/day).  
Min. capacity **25,00** l/min.  
Cont. capacity **200,00** l/min (during 24 H/day).

**CALIBRATION DATA.**

Calibration Unit **ReferenceMeter 2** Calibration liquid **SHELL FUSES OLIE A**  
Viscosity **3,9 mPa.s**  
Certificaat number **2009/1093** Temperature **20 °C.**

| CAPACITY      | CAPACITY            | DEVIATION*     | SPECIAL |
|---------------|---------------------|----------------|---------|
| <b>75,0</b> % | <b>187,50</b> L/min | <b>0,00</b> %  |         |
| <b>25,0</b> % | <b>62,50</b> L/min  | <b>-0,02</b> % |         |
| %             | L/min               | %              |         |

$$* \text{ Deviation } [\%] = \frac{\text{Indicated volume} - \text{Reference volume}}{\text{Reference volume}} * 100 \%$$

*We certify that the instrument covered by this certificate complies with the VAF Instruments B.V manufacturing standards and has been inspected and tested in accordance with the standard procedures of VAF Instruments B.V.*

Dordrecht, 31-8-2010

H. HOFMAN  
VAF INSTRUMENTS B.V.

