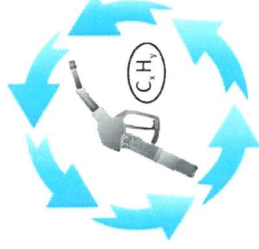


Certificate No. **VR2 – 1505– 116 EU**

The TÜV SÜD Industrie Service GmbH, test body for vapor recovery systems,  
Westendstr. 199, D-80686 Munich,



Industrie Service



certifies having conducted tests according to EN 16321-1  
on the following petrol vapour recovery system:

Type of system:

**Active, distributed system with  
electronic proportional valve and self-calibrating function**

Nozzle:

**ELAFLEX ZVA Slimline 3 GR / Slimline 2 GR / ZVA 200 GR**

Hose assembly:

**ELAFLEX Slimline 21/8 / ELAFLEX Conti Slimline 21/8**

Proportional valve:

**ASCO EMXX**

Control board

**TST - VC Plus** coaction with TST Flow Sensor VFS

Vapour recovery pump:

**Gardner Denver Thomas (previous brand ASF Thomas):  
8014-1 / 8014-5.0 / 8014-6.0**

Conditions for installation and operation:  
*Requirements to ensure system performance in use*

Maximum volumetric fuel-flow rate:

**45 l/min**

Maximum back pressure in petrol vapour pump outlet line with maximum vapour flow:

**50 mbar**

Correction factor for system settings with simulated petrol-flow of 38 l/min.:  
Remark: self-calibrating system

**Not  
necessary**

Measured efficiency:

**89 %**

*Required efficiency by Directive 2009/126/EC:*

**85 %**

Average result of each test tank:

**VW Golf VI: 88,4 %**

**VW Polo V: 88,2 %**

**Renault Megane 3: 90,9 %**

Based on ID: "Efficiency 1401 Slimline 2", "System 1505-116 EU"

The vapour recovery system corresponds to the state of the art as defined in the  
"Directive 2009/126/EC" last amended by Directive 2014/99/EU".

Germany, Munich, 06/09/2022

Test Body for Vapor Recovery Systems

Valid for installation until  
05/09/2027



*Peter Szalata*  
Peter Szalata