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# 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.:<br>Remark: self-calibrating system | **Not necessary** |
| Measured efficiency;<br>*Required efficiency by Directive 2009/126//EC:* | **89** %<br>*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

Valid for installation until
05/09/2027

TÜV SÜD Industrie Service GmbH
TÜV SÜD rubber stamp

Test Body for Vapor Recovery Systems

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