

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 2 GR**
- Hose assembly: **ELAFLEX Slimline 21/8 Coax**
- Proportional valve: **ASCO EMXX**
- Control board: **TST - VC Plus** coaction with TST Flow Sensor VFS
- Vapour recovery pump: **Gardner Denver Thomas 8014-5.0, 8014-6.0**

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

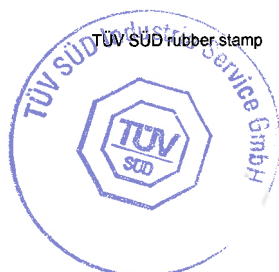
Maximum volumetric fuel-flow rate:		45 l/min
Maximum back pressure in petrol vapour pump outlet line with maximum vapour flow:		50 mbar
Correction factor for system settings with simulated petrol-flow of 38 l/min.:	k	Not necessary
Remark: self-calibrating system		
Measured efficiency;		89 %
<i>Required efficiency by Directive 2009/126/EC:</i>		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, 14/02/2017

Expiration date 13/02/2019



Test Body for Vapor Recovery Systems

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