



Industrie Service

Certificate No. **VR2 – 1504– 112 EU**

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



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

Type of system:	Active, centralised system with electronic speed controlled pump
Nozzle:	ELAFLEX ZVA Slimline 2 GR
Hose assembly:	ELAFLEX Slimline 21/8
Control board	Vapor TEK
Vapour recovery pump:	Veeder-Root Vapor TEK Pump

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

Maximum volume of the vapour recovery line (VRL) operating in underpressure:	2 l
Minimum diameter of the VRL:	1/4" / DN 10
Maximum no. of simultaneous operating fuelling points under compliance of a vapour recovery rate of 95% – 105 % (both suction VRL must have the same pressure loss):	2
Maximum volumetric fuel-flow rate:	38 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.:	1,10

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 %
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Based on ID: "Efficiency 1401 Slimline 2 GR", "System 1504 - 112 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 14/08/2017
Expiration date 13/08/2019



Test Body for Vapor Recovery Systems

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