

Certificate No. **VR2 – 1505– 119 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 / ELAFLEX ZVA 200 GR	
Hose assembly:	ELAFLEX Slimline 21/8 / ELAFLEX Conti Slimline 21/8	
Proportional valve:	ASCO, Typ EMXX	
Control board	TST - VC Plus	coaction with TST Flow Sensor VFS
Vapour recovery pump:	DÜRR MEX 0544 /	MEX 0831-11/600 with speed of rotation 2800 / min.

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: <i>Required efficiency by Directive 2009/126/EC:</i>		89 % 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 1505-119 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, 14/02/2021

Valid for installation until
13/02/2023



Test Body for Vapor Recovery Systems

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