

Tokheim established this certificate based on the test reports and certifications from TÜV Test House, TÜV SUD Industrie Service GmbH, test body for vapor recovery systems under EN 16321-1 Westendstr. 199, D-80686 Munich

Manufacturer: **DOVER FUELING SOLUTIONS/TOKHEIM**

**DOVER FUELING SOLUTIONS UK Ltd.**  
**Unit 3, Baker Road**  
**West Pitkerro Industrial Estate**  
**Dundee, DD5 – 3RT**  
**Scotland**

Type of system: **Active, distributed system with electronic proportional valve**

Calculator: **TQC**



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: **Tokheim, VRC OL or VRC SCG/SCS, Bürkert**

Vapour recovery pump: **Dürr, MEX 0831-10 / MEX 0831-11 / MEX 0544**

Control board model	Test reports and evidence	Monitoring function present	K factor for setting with simulated flow and comment	Global Efficiency (Required efficiency by Directive 2009/126/EC is $\geq 85\%$ )	CECOD VR2 pictogram for external identification (optional)
TOKHEIM VRC OL	TÜV Efficiency report 1501 ELAFLEX SLIMLINE 2 TÜV System report 1501-129 EU	No	K=1,12 at 38 l/min	<b>Average 89%</b>  VW Polo : 88.2 % VW Golf : 88.4 % Renault Megane : 90.9 %	
TOKHEIM VRC SCG/SCS	TÜV Efficiency report 1501 ELAFLEX SLIMLINE 2 TÜV System report 1501-130 EU	Yes  TOKHEIM VFM	K=1 (self calibrating closed loop system)	<b>Average 89%</b>  VW Polo : 88.2 % VW Golf : 88.4 % Renault Megane : 90.9 %	

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

Maximum volumetric fuel-flow rate: **38 l/min**  
Maximum back pressure in petrol vapour pump outlet line with maximum vapour flow: **50 mbar**

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".

Bladel,NL : 02/05/2019

DFS Approvals Services

Expire date : 02/05/2024





Certificate No. **VR2-TOK-01-B-01 Rev. 7**

Tokheim established this certificate based on the test reports and certifications from TÜV Test House, TÜV SUD Industrie Service GmbH, test body for vapor recovery systems under EN 16321-1 Westendstr. 199, D-80686 Munich



**Petrol vapour recovery system according to EN 16321-1**

**Manufacturer : Dover Fueling Solutions UK Ltd.**

**Date of installation : 20/11/2018**

**System : VRC SCG/SCS**

**K-factor : 1.00**

**Certificate no. : VR2-TOK-01-B-01**



**Petrol vapour recovery system according to EN 16321-1**

**Manufacturer : Dover Fueling Solutions UK Ltd.**

**Date of installation : 14/11/2018**

**System : VRC OL**

**K-factor : 1.12**

**Certificate no. : VR2-TOK-01-B-01**