

ISO 16890-1:2016 - AIR FILTER TEST RESULT SUMMARY

Testing Organization:	fiatec GmbH, Germany, Burgkunstadterstr. 3, 95336 Mainleus, +49(0)9229 99390
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GENERAL

Report no.:	UAT 180901	Sample no.:	TF2	Date of report:	20.11.2018
Supervisor:	Matthias Eber	Device obtained on:	12.11.2018		
Test requested by:				Device obtained from:	

DEVICE TESTED

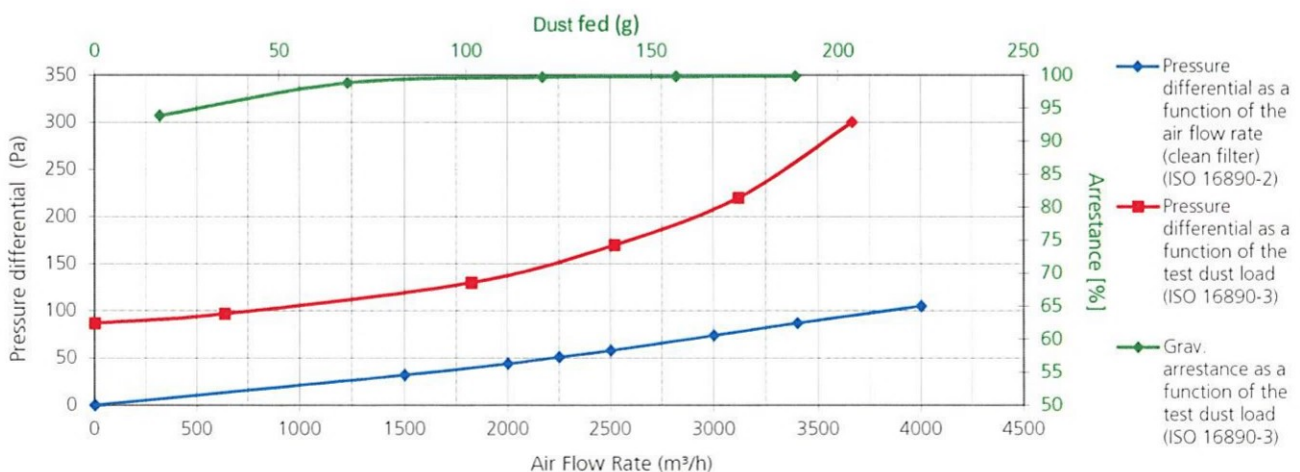
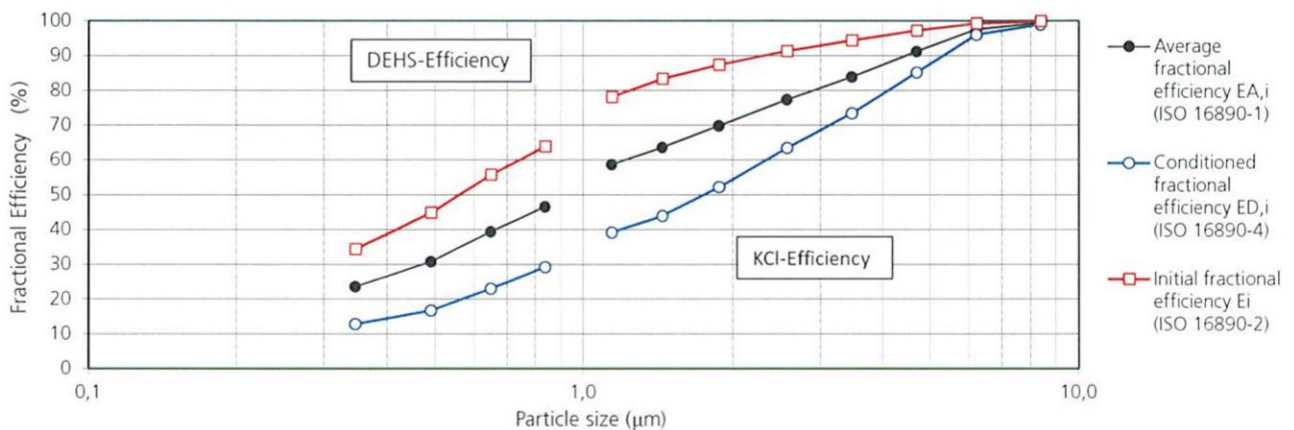
Model:	KIS-M25-592*592*600/6-M5-MAF	Manufacturer:		Construction:	pocketfilter with six pockets in metal frame
Type of media / media ID:	synthetic / M5 MAF	Net effective filtering area [m ²]:	4,7	Filter dimensions (width x height x depth) [mm]:	Customer Data: 592 x 592 x 600 mm Measured Dimension: 592 x 592 x 600 mm

TEST DATA AND ATTACHED TEST REPORTS

Test air flow rate [m ³ /s]:	0,625	Additional information					
Test air flow rate [m ³ /h]:	2250	Test report to ISO 16890-Part 2	Yes	-Part 3	Yes	-Part 4	Yes

RESULTS

Initial pressure differential [Pa]:	51	Initial grav. Arrestance [%]:	93,9	ePM _{1, min} [%]	18,7 ± 2,3	ePM _{2,5, min} [%]	28,9 ± 2,3	ISO rating
Final test pressure diff. [Pa]	300	Average grav. Arrestance [%]	98,4	ePM ₁ [%]	32,6 ± 1,7	ePM _{2,5} [%]	43,9 ± 1,6	ISO ePM 10
Test dust capacity [g]:	200,4	Remarks:	Air flow for dust loading: 3400 m ³ /h					



NOTE: The results of this test relate only to the test device in the condition stated herein. The performance results cannot by themselves be quantitatively applied to predict filtration performance in all "real life" environments.

20.11.2018

V. Gump

Date

Signature