

EXHAUST EMISSION DECLARATION

The emission data in this declaration are measured according to the test procedures specified below and on one member engine of the engine type. Emission data may vary among production engines.

TECHNICAL SPECIFICATION

Engine type:

TAD1651GE

Rated crankshaft power *):

441 kW

Rated speed:

1500 rpm

*) Prime power without fan acc. to ISO 3046.

TEST INFORMATION

Test conditions

EU 97/68

Test identification

23005724

Test date

October 28, 2009

Test cycle

D2

EXHAUST EMISSIONS (weighted cycle)

CO (g/kWh)	0,77
HC (g/kWh)	0,135
NOx (g/kWh)	3,49
PM (g/kWh)	0,136

EXHAUST EMISSIONS (per cycle mode)

Mode	#	1	2	3	4	5
Power	(kW)	440,2	330,3	220,2	109,9	43,7
NOx	(g/h)	1942	1172	717	334	205
HC	(g/h)	32	27	25	28	37
CO	(g/h)	254	238	159	95	114
CO ₂	(kg/h)	281	218	150	82,7	43
NOx Dry	(ppm)	672	471	388	271	205
HC Wet	(ppm)	30	31	38	64	107
CO Dry	(ppm)	132	143	129	115	170
CO ₂	(%)	9,14	8,25	7,61	6,31	4,03
O ₂	(%)	8,22	9,39	10,26	12,03	15,15

TA-Luft

Test identification

23005724

Test date

October 28, 2009

Mode	#	1	2	3	4
Power	(kW)	440,2	330,3	220,2	109,9
Nox (O ₂)	(mg/Nm ³)	1723	1331	1184	990
HC (O ₂)	(mg/Nm ³)	22	25	32	67
CO (O ₂)	(mg/Nm ³)	206	246	240	257
PM (O ₂)	(mg/Nm ³)	23	30	47	54

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