

Specific engine data

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TCD 5.2 L4 Industrie EU Stage II without EAT												
	engine speed	min-1	2300	2200	1900	1800	1400	1300	1200	1100	1000	800
power category I	rated power	kW	170,0	170,0	170,0	170,0						
	torque	Nm	706	738	854	902	950	950	883	817	750	500
	spec. fuel consumption	g/kWh	224	220	210	208	209	206	194	197	197	206
	exhaust gas temperature	°C	529	535	552	567	555	523	474	481	515	491
	combustion air volume flow	m³/h	803	778	693	661	530	502	441	352	247	143
	exhaust gas volume flow	m³/h	2014	1975	1832	1783	1460	1336	1079	900	664	363
	inlet vacuum (min / max)	kPa	-1,5 / -3	-1,5 / -3	-1,5 / -3	-1,5 / -3						
	pressure difference CAC max.	kPa	15	15	15	15						
	exhaust back pressure (min / max)*	kPa	0 / 3	0 / 3	0 / 3	0 / 3						
power category II	rated power	kW	150,0	150,0	150,0	150,0						
	torque	Nm	623	651	754	796	950	950	883	817	750	500
	spec. fuel consumption	g/kWh	224	221	213	212	209	206	194	197	197	206
	exhaust gas temperature	°C	482	484	507	520	555	523	474	481	515	491
	combustion air volume flow	m³/h	781	759	684	653	530	502	441	352	247	143
	exhaust gas volume flow	m³/h	1839	1803	1708	1669	1460	1336	1079	900	664	363
	inlet vacuum (min / max)	kPa	-1,5 / -3	-1,5 / -3	-1,5 / -3	-1,5 / -3						
	pressure difference CAC max.	kPa	15	15	15	15						
	exhaust back pressure (min / max)*	kPa	0 / 3	0 / 3	0 / 3	0 / 3						
power category II	rated power	kW	130,0	130,0	130,0	130,0						
	torque	Nm	540	564	654	690	887	950	883	817	750	500
	spec. fuel consumption	g/kWh	228	223	216	214	204	206	194	197	197	206
	exhaust gas temperature	°C	433	432	454	466	497	523	474	481	515	491
	combustion air volume flow	m³/h	770	747	673	642	528	502	441	352	247	143
	exhaust gas volume flow	m³/h	1695	1651	1559	1522	1349	1336	1079	900	664	363
	inlet vacuum (min / max)	kPa	-1,5 / -3	-1,5 / -3	-1,5 / -3	-1,5 / -3						
	pressure difference CAC max.	kPa	15	15	15	15						
	exhaust back pressure (min / max)*	kPa	0 / 3	0 / 3	0 / 3	0 / 3						
power category III	rated power	kW	115,0	115,0	115,0	115,0						
	torque	Nm	478	499	578	610	785	845	883	817	750	500
	spec. fuel consumption	g/kWh	229	224	215	213	206	202	194	197	197	206
	exhaust gas temperature	°C	390	390	402	415	449	454	474	481	515	491
	combustion air volume flow	m³/h	758	733	666	638	528	494	441	352	247	143
	exhaust gas volume flow	m³/h	1563	1521	1428	1402	1251	1184	1079	900	664	363
	inlet vacuum (min / max)	kPa	-1,5 / -3	-1,5 / -3	-1,5 / -3	-1,5 / -3						
	pressure difference CAC max.	kPa	15	15	15	15						
	exhaust back pressure (min / max)*	kPa	0 / 3	0 / 3	0 / 3	0 / 3						