

Power chart

preliminary

**Gross power for variable speed following ISO 14396
and according to ECE R24 / 80 / 1269 EWG (here without fan power reduction)**

issue: 27.10.2021

TCD 5.2 L4 Industry EU Stage V TC with WG ce EGR + DOC + DPF + SCR		engine speed	min ⁻¹	2300	2200	2100	2000	1900	1800	1400	1300	1200	1100	1000	800
power category I	rated power	kW		170,0	170,0	170,0	170,0	170,0	170,0						
	torque	Nm		706	738	773	811	854	902	950	950	883	817	750	500
	mean effective pressure	kPa		1,7	1,8	1,9	2,0	2,1	2,2	2,3	2,31	2,15	1,99	1,8	1,2
power category II	rated power	kW		150,0	150,0	150,0	150,0	150,0	150,0						
	torque	Nm		623	651	682	716	754	796	950	950	883	817	750	500
	mean effective pressure	kPa		1,5	1,6	1,7	1,7	1,8	1,9	2,3	2,3	2,1	2,0	1,8	1,2
	rated power	kW		130,0	130,0	130,0	130,0	130,0	130,0						
	torque	Nm		540	564	591	621	654	690	887	950	883	817	750	500
	mean effective pressure	kPa		1,3	1,4	1,4	1,5	1,6	1,7	2,2	2,3	2,1	2,0	1823,0	1215,3
power category III	rated power	kW		115,0	115,0	115,0	115,0	115,0	115,0						
	torque	Nm		478	499	523	549	578	610	785	845	883	817	750	500
	mean effective pressure	kPa		1,2	1,2	1,3	1,3	1,4	1,5	1,9	2,1	2,1	2,0	1,8	1,2
	rated power	kW		100,0	100,0	100,0	100,0	100,0	100,0						
	torque	Nm		415	434	455	478	502	531	682	734	795	817	750	500
	mean effective pressure	kPa		1,0	1,1	1,1	1,2	1,2	1,3	1,7	1,8	1,9	2,0	1,8	1,2

All power data refer to ISO 14396 including all auxiliary equipment necessary for engine operation: lube oil pressure pump, engine cooling water pump, fuel supply pump etc. and standard production equipment (unloaded generator etc.)