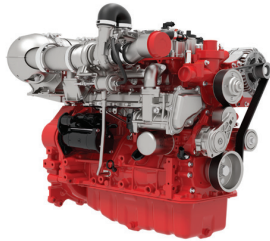


Industrial Diesel Engines

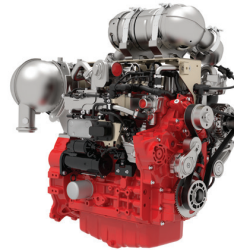
Tier 4 Final Range



D/TD/TCD 2.2 L3
25-75 hp
3 Cylinders
Water-Cooled



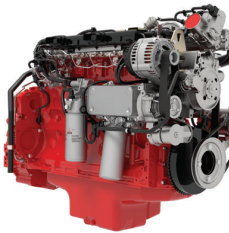
D/TD/TCD 2.9 L4
40-75 hp
4 Cylinders
Water-Cooled



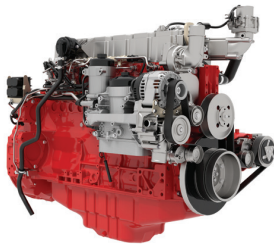
TD/TCD 3.6 L4
74-136 hp
4 Cylinders
Water-Cooled



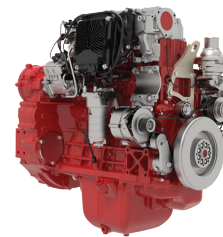
TCD 4.1 L4
108-154 hp
4 Cylinders
Water-Cooled



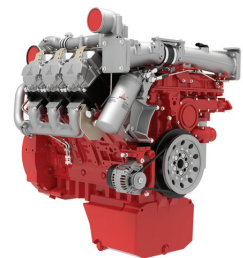
TCD 6.1 L6
160-241 hp
6 Cylinders
Water-Cooled



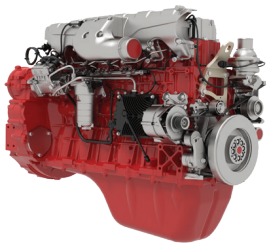
TCD 7.8 L6
214-348 hp
6 Cylinders
Water-Cooled



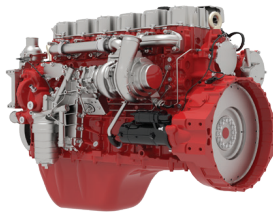
TCD 9.0 L4
269-402 hp
4 Cylinders
Water-Cooled



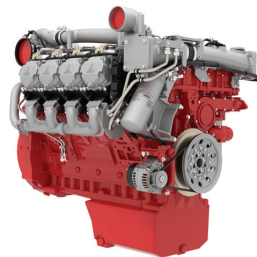
TCD 12.0 V6
322-524 hp
6 Cylinders
Water-Cooled



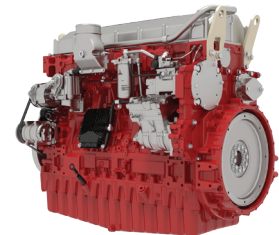
TCD 12.0 L6
375-536 hp
6 Cylinders
Water-Cooled



TCD 13.5 L6
402-603 hp
6 Cylinders
Water-Cooled



TCD 16.0 V8
470-697 hp
8 Cylinders
Water-Cooled



TCD 18.0 L6
758-831 hp
6 Cylinders
Water-Cooled



Industrial Diesel Engines

Tier 4 Final Range

Engine Type	Cyl & Config	FIE Control	Cooling Type	Industrial Ratings ISO 3046 ⁽¹⁾	Max Torque	Bore	Stroke	Displ	Dimensions ⁽²⁾			Weight ⁽³⁾
									L	W	H	
					hp kW rpm	mm in	mm in	(L)	mm in	mm in	mm in	kg lb
D/TD/TCD 2.2												
D 2.2 L3	3 IL	Electronic	Water	25 18 2600	81@1600	92 3.6	110 4.3	2.2	555 21.9	576 22.7	708 27.9	200 441
TD 2.2 L3	3 IL	Electronic	Water	60 44.5 2600	147@1600	92 3.6	110 4.3	2.2	555 21.9	576 22.7	708 27.9	215 474
TCD 2.2 L3	3 IL	Electronic	Water	75 55.4 2600	184@1600	92 3.6	110 4.3	2.2	555 21.9	576 22.7	708 27.9	215 474
D/TD/TCD 2.9												
D 2.9	4 IL	Electronic	Water	50 36 2600	108@1600	92 3.6	110 4.3	2.9	648 26.7	483 19.0	685 27.8	220 485
TD 2.9	4 IL	Electronic	Water	75 55.4 2600	192@1600-1800	92 3.6	110 4.3	2.9	648 26.7	560 22.0	685 27.8	237 522
TCD 2.9	4 IL	Electronic	Water	75 55.4 2600	221@1600	92 3.6	110 4.3	2.9	648 26.7	560 22.0	685 27.8	237 522
TCD 2.9 HT	4 IL	Electronic	Water	75 55.4 2600	277@1600	92 3.6	110 4.3	2.9	648 26.7	560 22.0	685 27.8	237 522
TCD 2.9 HP	4 IL	Electronic	Water	100 75 2300	295@1600	92 3.6	110 4.3	2.9	648 26.7	560 22.0	685 27.8	237 522
TD/TCD 3.6												
TD 3.6	4 IL	Electronic	Water	74 55.4 2300	243@1600	98 3.9	120 4.7	3.6	701 27.6	592 23.3	790 31.1	350 772
TCD 3.6	4 IL	Electronic	Water	136 100 2300	369@1600	98 3.9	120 4.7	3.6	701 27.6	592 23.3	790 31.1	350 772
TCD 3.6 HT	4 IL	Electronic	Water	74 55.4 2300	288@1300	98 3.9	120 4.7	3.6	701 27.6	592 23.3	790 31.1	350 772
TCD 3.6 HP	4 IL	Electronic	Water	141 105 2300	406@1600	98 3.9	120 4.7	3.6	701 27.6	592 23.3	790 31.1	350 772
TCD 4.1 L4 / 6.1 L6												
TCD 4.1 L4	4 IL	Electronic	Water	154 115 2300	450@1600	101 4.0	126 5.0	4.1	851 33.5	617 24.3	884 34.8	400 882
TCD 6.1 L6	6 IL	Electronic	Water	241 180 2300	738@1450	101 4.0	126 5.0	6.1	1082 42.6	678 26.7	946 37.2	620 1367
TCD 7.8 L6												
TCD 7.8 L6	6 IL	Electronic	Water	348 260 2200	1033@1450	110 4.3	136 5.4	7.8	1214 47.8	793 31.2	1046 41.2	725 1598
TCD 9.0 / 12.0 / 13.5												
TCD 9.0 L4	4 IL	Electronic	Water	402 300 1900	1254@1200	135 5.3	157 6.2	9.0	1015 40.0	838 33.0	1116 43.9	750 1653
TCD 12.0 L6	6 IL	Electronic	Water	536 400 1900	1844@1350	130 5.1	150 5.9	12.0	1335 52.6	927 36.5	1156 45.5	1110 2447
TCD 13.5 L6	6 IL	Electronic	Water	603 450 1900	2056@1350	135 5.3	157 6.2	13.5	1335 52.6	927 36.5	1156 45.5	1110 2447
TCD 12.0 V6 / 16.0 V8												
TCD 12.0 V6	6V	Electronic	Water	524 390 2100	1571@1400	132 5.2	145 5.7	11.9	980 38.6	945 37.2	1170 46.1	995 2194
TCD 16.0 V8	8V	Electronic	Water	697 520 2100	2131@1400	132 5.2	145 5.7	15.9	1150 45.3	945 37.2	1170 46.1	1260 2778
TCD 18.0 L6												
TCD 18.0 L6	6 IL	Electronic	Water	831 620 1900	2655@1300	148 5.83	174 6.85	18.0	1546 60.9	985 38.8	1215 47.8	1950 4300

Notes:

1. Power ratings flywheel net, without deduction of fan power consumption. All power ratings refer to the run-in engine (50-100 operating hours). For all indicated ratings, tolerances of +/- 5% apply according to ISO 3046, 88/195/EEC, 89/491 EEC.
2. Dimensions refer to standard applications.
3. Weight of engine ready for operation according to DIN 70020, part 7A, without starter, alternator and lube oil, but for air Cooled engines it includes complete cooling system, for water-Cooled without radiator.

Disclaimer:

Standard reference conditions apply. The data contained herein are not binding and are for guidance purposes only. Please contact DEUTZ Corporation or one of its authorized representatives for detailed information.



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