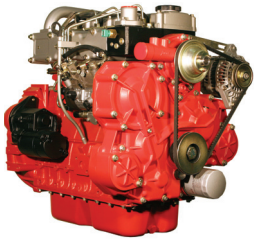
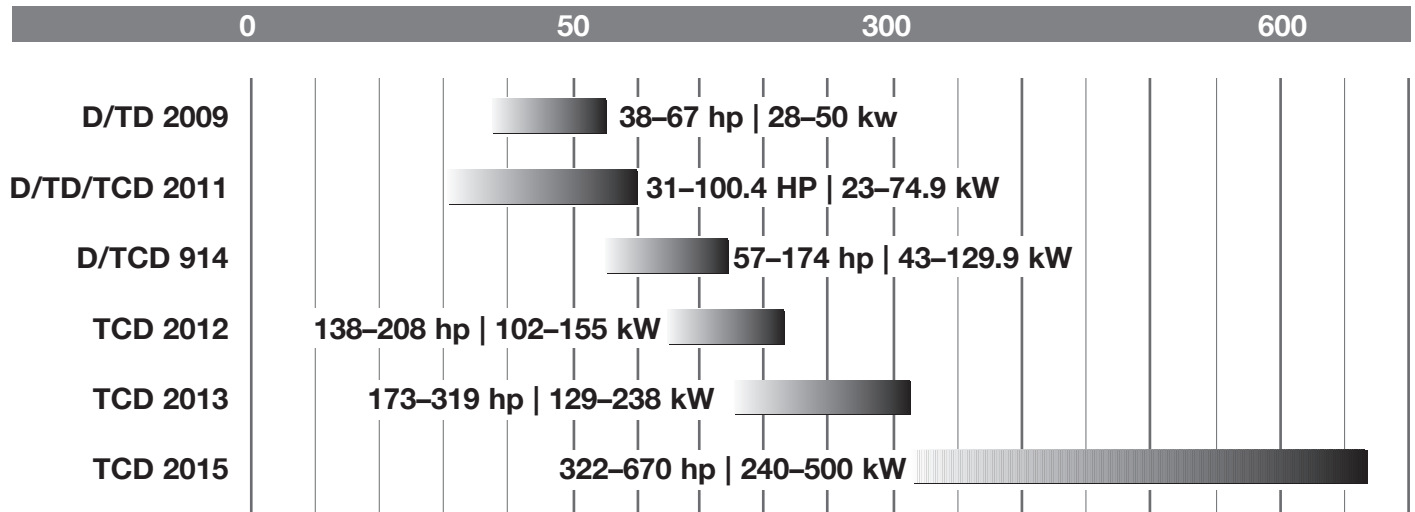


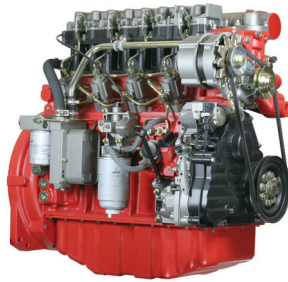
DEUTZ

Diesel Power Solution for TIER 3/4i

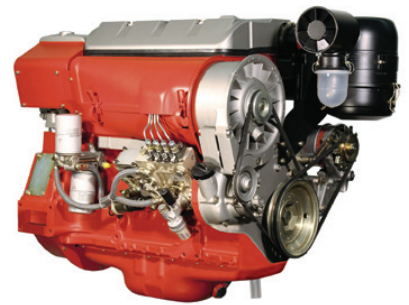
38–670 hp | 28–500 kW



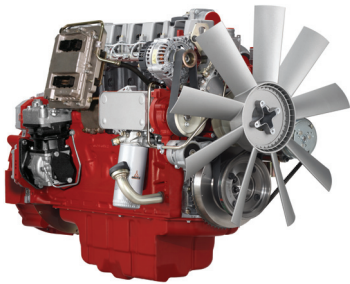
D/TD 2009 (38–67 hp) 1.7–2.3L •
Water-cooled • 3 and 4 cylinders



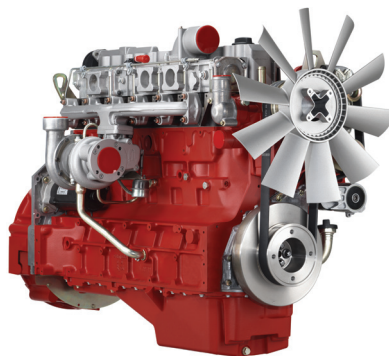
D/TD/TCD 2011 (31–100.4 hp)
1.6–3.6L • Water- and Oil-cooled • 2,
3, and 4 cylinders



D/TCD 914 (58–174 hp) 3.2–6.5L •
Air-cooled • 3, 4, 5 and 6 cylinders



TCD 2012 (138–208 hp) 4.0–6.0L •
Water-cooled • 4 and 6 cylinders



TCD 2013 (173–319 hp) 4.8–7.2L •
Water-cooled • 4 and 6 cylinders



TCD 2015 (322–670 hp) 12.0–16.0L •
Water-cooled • 6 and 8 cylinders

DEUTZ Diesel Power Solution for TIER 3/4i

38–670 hp | 28–500 kW

Meets all U.S. EPA emissions standards for 2009

| Engine Type | Cyl & Config | FIE Control | Cooling Type | Industrial Ratings | Max Torque | Bore/Stroke | Displ | Dimensions ⁽²⁾ | | | Weight ⁽³⁾ |
|---|--------------|-------------|--------------|-------------------------|-------------|-------------|-------|---------------------------|----------|-----------|-----------------------|
| | | | | ISO 3046 ⁽¹⁾ | | | | L | W | H | |
| | | | | hp kW rpm | (ft lb@rpm) | (mm mm) | (L) | in mm | in mm | in mm | lb kg |
| 2009 Series | | | | | | | | | | | |
| D 2009 L3 | 3 IL | Mechanical | Water | 37 28 3000 | 77@1600 | 90 90 | 1.72 | 23.5 597 | 19.3 490 | 24.1 612 | 397 180 |
| D 2009 L4 | 4 IL | Mechanical | Water | 48 36 3000 | 108@1600 | 90 90 | 2.29 | 26.7 680 | 19.3 490 | 24.1 612 | 452 205 |
| TD 2009 L4 | 4 IL | Mechanical | Water | 67 50 2800 | 148@1800 | 90 90 | 2.29 | 27.4 696 | 20.4 518 | 24.9 633 | 463 220 |
| 2011 Series (Integrated Cooling) | | | | | | | | | | | |
| D 2011 L2 I | 2 IL | Mechanical | Oil | 31 23 2800 | 66@1700 | 94 112 | 1.6 | 19.2 487 | 17.8 451 | 26.9 683 | 385 175 |
| D 2011 L3 I | 3 IL | Mechanical | Oil | 49 36 2800 | 101@1700 | 94 112 | 2.3 | 23.6 599 | 17.8 451 | 26.7 678 | 475 216 |
| D 2011 L4 I | 4 IL | Mechanical | Oil | 62 46 2600 | 140@1700 | 96 125 | 3.6 | 28.0 710 | 17.8 451 | 28.1 713 | 595 270 |
| TD 2011 L4 I | 4 IL | Mechanical | Oil | 75 55 2600 | 177@1600 | 96 125 | 3.6 | 28.0 710 | 20.9 530 | 28.1 713 | 589 267 |
| 2011 Series (External Cooling) | | | | | | | | | | | |
| D 2011 L2 | 2 IL | Mechanical | Oil | 32 24 2800 | 69@1700 | 94 112 | 1.6 | 16.1 408 | 17.8 451 | 26.9 683 | 372 169 |
| D 2011 L3 | 3 IL | Mechanical | Oil | 49 37 2800 | 103@1700 | 94 112 | 2.3 | 23.6 599 | 17.8 451 | 26.9 678 | 462 210 |
| D 2011 L4 | 4 IL | Mechanical | Water | 67 50 2600 | 155@1700 | 96 125 | 3.6 | 28.0 710 | 17.8 451 | 28.1 713 | 573 260 |
| TD 2011 L4 | 4 IL | Mechanical | Water | 91 68 2600 | 207@1600 | 96 125 | 3.6 | 28.0 710 | 19.5 495 | 28.1 713 | 571 259 |
| TCD 2011 L4 | 4 IL | Mechanical | Water | 99 74 2600 | 258@1600 | 96 125 | 3.6 | 28.0 710 | 19.5 495 | 28.1 713 | 571 259 |
| 914 Series | | | | | | | | | | | |
| D 914 L3 | 3 IL | Mechanical | Air | 57 43 2300 | 149@1500 | 102 132 | 3.2 | 27.7 703 | 27.4 696 | 31.3 795 | 626 284 |
| D 914 L4 | 4 IL | Mechanical | Air | 78 58 2300 | 199@1500 | 102 132 | 4.3 | 31.9 811 | 27.4 696 | 31.3 795 | 694 315 |
| D 914 L5 | 5 IL | Mechanical | Air | 97 72 2300 | 246@1500 | 102 132 | 5.4 | 37.7 959 | 27.4 696 | 32.8 833 | 860 390 |
| D 914 L6 | 6 IL | Mechanical | Air | 116 87 2300 | 276@1500 | 102 132 | 6.5 | 42.7 1084 | 26.6 676 | 34.8 885 | 970 440 |
| TCD 914 L6 iEGR | 6 IL | Mechanical | Air | 174 129 2300 | 461@1600 | 102 132 | 6.5 | 45.1 1147 | 28.3 719 | 39.9 1015 | 1124 510 |
| TCD 914 L6 ecEGR | 6 IL | Mechanical | Air | 174 129 2300 | 480@1600 | 102 132 | 6.5 | 45.1 1147 | 28.3 719 | 39.9 1015 | 1124 510 |
| 2012 Series | | | | | | | | | | | |
| TCD 2012 L4 M | 4 IL | Mechanical | Water | 118 88 2400 | 310@1600 | 101 126 | 4.0 | 34.0 864 | 27.0 680 | 32.0 822 | 871 395 |
| TCD 2012 L4 | 4 IL | Electronic | Water | 138 103 2400 | 384@1600 | 101 126 | 4.0 | 34.0 864 | 27.0 680 | 32.0 822 | 871 395 |
| TCD 2012 L6 | 6 IL | Electronic | Water | 208 155 2400 | 597@1600 | 101 126 | 6.0 | 44.0 1125 | 29.0 748 | 36.0 905 | 1116 506 |
| 2013 Series | | | | | | | | | | | |
| TCD 2013 L4 2V M | 4 IL | Mechanical | Water | 139 104 2200 | 417@1500 | 108 130 | 4.8 | 37.6 954 | 24.7 628 | 38.9 987 | 1113 505 |
| TCD 2013 L4 2V | 4 IL | Electronic | Water | 173 129 2300 | 494@1600 | 108 130 | 4.8 | 37.6 954 | 24.7 628 | 38.9 987 | 1113 505 |
| TCD 2013 L6 2V | 6 IL | Electronic | Water | 268 200 2300 | 811@1500 | 108 130 | 7.2 | 50.0 1269 | 25.9 657 | 39.9 1013 | 1349 612 |
| TCD 2013 L6 4V | 6 IL | Electronic | Water | 326 243 2100 | 966@1450 | 108 130 | 7.2 | 52.1 1324 | 27.6 700 | 43.0 1091 | 1455 660 |
| 2015 Series | | | | | | | | | | | |
| TCD 2015 V6 | 6 V | Electronic | Water | 483 360 2100 | 1535@1300 | 132 145 | 12.0 | 37.3 857 | 37.0 940 | 44.9 1150 | 2244 1020 |
| TCD 2015 V8 | 8 V | Electronic | Water | 671 500 2100 | 2133@1400 | 132 145 | 16.0 | 46.3 1187 | 36.7 940 | 44.9 1150 | 2739 1245 |

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.

Additional Notes:

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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The engine company. 