

| 2019 Volvo V40 Specifications | | | | | | |
|--|--|--|--|--|--|--|
| | V40 T2 (122 hp) man | V40 T2 (122 hp) aut | V40 T3 (152 hp) man | V40 T3 (152 hp) aut | V40 D2 (120 hp) man/aut | V40 D3 (150 hp) man/aut |
| Engine | | | | | | |
| Engines | B4204T17 | B4154T3 | B4204T33 | B4154T2 | D4204T13 | D4204T16 |
| Type | In-line, 4 cyl. turbocharged | In-line, 4 cyl. turbocharged | In-line, 4 cyl. turbocharged | In-line, 4 cyl. turbocharged | In-line 4 cyl. turbo diesel | In-line 4 cyl. turbo diesel |
| Configuration | FWD | FWD | FWD | FWD | FWD | FWD |
| Displacement | 1969 cm³ | 1498 cm³ | 1969 cm³ | 1498 cm³ | 1969 cm³ | 1969 cm³ |
| Bore | 82,0 mm | 82,0 mm | 82,0 mm | 82,0 mm | 82,0 mm | 82,0 mm |
| Stroke | 93,2 mm | 70,9 mm | 93,2 mm | 70,9 mm | 93,2 mm | 93,2 mm |
| Compression ratio | 11,3:1 | 10,5:1 | 11,3:1 | 10,5:1 | 16,0:1 | 16,0:1 |
| Valves, no/cylinder | 4 ea. | 4 ea. | 4 ea. | 4 ea. | 4 ea. | 4 ea. |
| DOHC / SOHC | DOHC | DOHC | DOHC | DOHC | DOHC | DOHC |
| Engine management system | Gasoline direct injection | Gasoline direct injection | Gasoline direct injection | Gasoline direct injection | Electronically controlled common rail direct injection | Electronically controlled common rail direct injection |
| Ignition sequence | 1 - 3 - 4 - 2 | 1 - 3 - 4 - 2 | 1 - 3 - 4 - 2 | 1 - 3 - 4 - 2 | 1 - 3 - 4 - 2 | 1 - 3 - 4 - 2 |
| Engine idling speed | 875 rpm ± 50 | 875 rpm ± 50 | 875 rpm ± 50 | 875 rpm ± 50 | 825 rpm ± 150 | 825 rpm ± 150 |
| Fuel, rec. Octane | 95 - 98 RON | 95 - 98 RON | 95 - 98 RON | 95 - 98 RON | Diesel ¹ | Diesel ¹ |
| Max engine speed | 6000 rpm | 6000 rpm | 6000 rpm | 6000 rpm | 4500 rpm | 4500 rpm |
| Max output | 90 kW (122 hp) / 5000 rpm | 90 kW (122 hp) / 5000 rpm | 112 kW (152 hp) / 5000 rpm | 112 kW (152 hp) / 5000 rpm | 88 kW (120 hp) / 3750 rpm | 110 kW (150 hp) / 3750 rpm |
| Max torque | 220 / 20-58 Nm / rps | 220 / 30-58 Nm / rps | 250 / 22-67 Nm / rps | 250 / 30-67 Nm / rps | 280 / 25-38 Nm / rps | 320 / 29-50 Nm / rps |
| ¹ According to EN590 Maximum biodiesel (FAME) content 7% | | | | | | |
| Transmissions | | | | | | |
| Transmissions | M76 R6.2 | AW TF-71SC | M76 R6.2 | AW TF-71SC | M76 R7.0 / AW TF-71SC | M76 R7.0 / AW TF-71SC |
| First Gear | 3,583 | 4,044 | 3,583 | 4,044 | 3,583 / 4,044 | 3,583 / 4,044 |
| Second Gear | 2,048 | 2,371 | 2,048 | 2,371 | 2,048 / 2,371 | 2,048 / 2,371 |
| Third Gear | 1,310 | 1,556 | 1,310 | 1,556 | 1,290 / 1,556 | 1,290 / 1,556 |
| Fourth Gear | 0,919 | 1,159 | 0,919 | 1,159 | 0,886 / 1,159 | 0,886 / 1,159 |
| Fifth Gear | 0,690 | 0,852 | 0,690 | 0,852 | 0,651 / 0,852 | 0,651 / 0,852 |
| Sixth Gear | 0,578 | 0,672 | 0,578 | 0,672 | 0,511 / 0,672 | 0,511 / 0,672 |
| Reverse Gear | 3,333 | 3,193 | 3,333 | 3,193 | 3,333 / 3,193 | 3,333 / 3,193 |
| Manual Gearbox/final drive | 3,833 (gear 1-6) - 4,313 (gear R) | - | 3,833 (gear 1-6) - 4,313 (gear R) | - | 3,833 (gear 1-6) - 4,313 (gear R) | 3,833 (gear 1-6) - 4,313 (gear R) |
| Automatic Gearbox/final drive | - | 3,234 | - | 3,234 | 3,234 | 3,234 |
| Performance | | | | | | |
| Performance | Manual | Automatic | Manual | Automatic | Manual / Automatic | Manual / Automatic |
| Gearbox | M76 R6.2 | AW TF-71SC | M76 R6.2 | AW TF-71SC | M76 R7.0 / AW TF-71SC | M76 R7.0 / AW TF-71SC |
| Acceleration, 0-100 km/h | 10,4 sec | 9,8 sec | 8,9 sec | 8,3 sec | 10,6 sec / 10,5 sec | 8,6 sec / 8,5 sec |
| Top speed, km/h | 190 km/h | 190 km/h | 210 km/h | 210 km/h | 190 km/h / 190 km/h | 205 km/h / 205 km/h |
| Tyre class A Combined, NEDC ¹ , l/100 km / CO ² g/km ¹ | 5,9 l/100 km / 137 g/km / - | - / 5,6 l/100 km / 129 g/km | 6,0 l/100 km / 139 g/km / - | - / 5,7 l/100 km / 132 g/km | 4,6 l/100 km / 122 g/km / 4,5 l/100 km / 118 g/km | 4,6 l/100 km / 121 g/km / 4,5 l/100 km / 118 g/km |
| Tyre class B Combined, NEDC ¹ , l/100 km / CO ² g/km ¹ | 6,0 l/100 km / 139 g/km / - | - / 5,6 l/100 km / 131 g/km | 6,1 l/100 km / 141 g/km / - | - / 5,8 l/100 km / 134 g/km | 4,7 l/100 km / 124 g/km / 4,6 l/100 km / 121 g/km | 4,7 l/100 km / 123 g/km / 4,5 l/100 km / 121 g/km |
| Tyre class C Combined, NEDC ¹ , l/100 km / CO ² g/km ¹ | 6,1 l/100 km / 142 g/km / - | - / 5,7 l/100 km / 133 g/km | 6,1 l/100 km / 143 g/km / - | - / 5,9 l/100 km / 136 g/km | 4,8 l/100 km / 126 g/km / 4,7 l/100 km / 124 g/km | 4,8 l/100 km / 125 g/km / 4,7 l/100 km / 124 g/km |
| Tyre class E Combined, NEDC ¹ , l/100 km / CO ² g/km ¹ | 6,2 l/100 km / 145 g/km / - | - / 5,9 l/100 km / 136 g/km | 6,2 l/100 km / 145 g/km / - | - / 6,0 l/100 km / 138 g/km | 4,8 l/100 km / 128 g/km / 4,9 l/100 km / 128 g/km | 4,8 l/100 km / 127 g/km / 4,9 l/100 km / 128 g/km |
| Combined, WLTP (low-high) | 6,5 - 7,0 / 149 - 161 | 6,7 - 7,3 / 154 - 168 | 6,5 - 7,0 / 149 - 160 | 8,3-9,1 / 189-205 | 5,0 - 5,6 / 131 - 148 // 5,3 - 5,9 / 141 - 155 | 5,0 - 5,6 / 133 - 147 // 5,3 - 5,9 / 141 - 155 |
| ¹ * NEDC figures correlated from WLTP based testing | | | | | | |
| Measurements and Volumes | | | | | | |
| Length | 4370 mm | 4370 mm | 4370 mm | 4370 mm | 4370 mm | 4370 mm |
| Width (Body width) | 1783 mm | 1783 mm | 1783 mm | 1783 mm | 1783 mm | 1783 mm |
| Width (Including mirrors, folded) | 1857 mm | 1857 mm | 1857 mm | 1857 mm | 1857 mm | 1857 mm |
| Width (Including mirrors, outer edge) | 2041 mm | 2041 mm | 2041 mm | 2041 mm | 2041 mm | 2041 mm |
| Height (Including shark fen) | 1439 mm | 1439 mm | 1439 mm | 1439 mm | 1439 mm | 1439 mm |
| Height (Excluding shark fen) | 1420 mm | 1420 mm | 1420 mm | 1420 mm | 1420 mm | 1420 mm |
| Wheelbase (L110) | 2647 mm | 2647 mm | 2647 mm | 2647 mm | 2647 mm | 2647 mm |
| Track, front (46 / 50 / 52,5 mm) | 1559 mm / 1551 mm / 1546 mm | 1559 mm / 1551 mm / 1546 mm | 1559 mm / 1551 mm / 1546 mm | 1559 mm / 1551 mm / 1546 mm | 1559 mm / 1551 mm / 1546 mm | 1559 mm / 1551 mm / 1546 mm |
| Track, rear (46 / 50 / 52,5 mm) | 1546 mm / 1538 mm / 1533 mm | 1546 mm / 1538 mm / 1533 mm | 1546 mm / 1538 mm / 1533 mm | 1546 mm / 1538 mm / 1533 mm | 1546 mm / 1538 mm / 1533 mm | 1546 mm / 1538 mm / 1533 mm |
| Ground clearance (Std / Sport chassis) | 133 mm - 144 mm / 121 mm - 133 mm | 133 mm - 144 mm / 121 mm - 133 mm | 133 mm - 144 mm / 121 mm - 133 mm | 133 mm - 144 mm / 121 mm - 133 mm | 133 mm - 144 mm / 121 mm - 133 mm | 133 mm - 144 mm / 121 mm - 133 mm |
| Weight/Miscellaneous | | | | | | |
| Weight (Depending on type of engine, gearbox etc.) | 1415 kg - 1486 kg | 1415 kg - 1486 kg | 1415 kg - 1486 kg | 1415 kg - 1486 kg | 1415 kg - 1486 kg | 1415 kg - 1486 kg |
| Total Weight (Depending on type of engine, gearbox etc.) | 1965 kg - 1995 kg | 1965 kg - 1995 kg | 1965 kg - 1995 kg | 1965 kg - 1995 kg | 1965 kg - 1995 kg | 1965 kg - 1995 kg |
| Max trailer weight, Unbraked (Max) | 700 kg | 700 kg | 700 kg | 700 kg | 700 kg | 700 kg |
| Max trailer weight, Braked (Max) | 1500 kg | 1500 kg | 1500 kg | 1500 kg | 1500 kg | 1500 kg |
| Fuel tank, Petrol | 62 l | 62 l | 62 l | 62 l | - | - |
| Fuel tank, Diesel | - | - | - | - | 62 l | 62 l |
| Aerodynamics, (Cd) | 0,29 - 0,32 | 0,29 - 0,32 | 0,29 - 0,32 | 0,29 - 0,32 | 0,29 - 0,32 | 0,29 - 0,32 |
| Aerodynamics, (Frontal area) | 2,17 m² | 2,17 m² | 2,17 m² | 2,17 m² | 2,17 m² | 2,17 m² |
| Max roof load | 75 kg | 75 kg | 75 kg | 75 kg | 75 kg | 75 kg |
| SCR tank ¹ | - | - | - | - | 16,5 l | 16,5 l |
| ¹ * Market codes. D4204T13: 10, 14, 15, 19, 26, 48 / D4204T16: 10, 14, 15, 19, 26, 41, 48 | | | | | | |
| Interior Measurements | | | | | | |
| Headroom with sunroof (front/rear) | 948 mm / 922 mm | 948 mm / 922 mm | 948 mm / 922 mm | 948 mm / 922 mm | 948 mm / 922 mm | 948 mm / 922 mm |
| Headroom maximum without sunroof (front/rear) | 984 mm / 932 mm | 984 mm / 932 mm | 984 mm / 932 mm | 984 mm / 932 mm | 984 mm / 932 mm | 984 mm / 932 mm |
| Passenger compartment width at shoulder height (front/rear) | 1396 mm / 1349 mm | 1396 mm / 1349 mm | 1396 mm / 1349 mm | 1396 mm / 1349 mm | 1396 mm / 1349 mm | 1396 mm / 1349 mm |
| Leg room (front/rear) | 1073 mm / 847 mm | 1073 mm / 847 mm | 1073 mm / 847 mm | 1073 mm / 847 mm | 1073 mm / 847 mm | 1073 mm / 847 mm |
| Hip room (front/rear) | 1374 mm / 1352 mm | 1374 mm / 1352 mm | 1374 mm / 1352 mm | 1374 mm / 1352 mm | 1374 mm / 1352 mm | 1374 mm / 1352 mm |
| Cargo length from the second seatback to the tailgate measured at the height of the floor covering (std / opt) | 684 mm / 782 mm | 684 mm / 782 mm | 684 mm / 782 mm | 684 mm / 782 mm | 684 mm / 782 mm | 684 mm / 782 mm |
| Cargo length from the first seatback to the tailgate measured at the height of the floor covering (std / opt) | 1508 mm / 1545 mm | 1508 mm / 1545 mm | 1508 mm / 1545 mm | 1508 mm / 1545 mm | 1508 mm / 1545 mm | 1508 mm / 1545 mm |
| Cargo floor height to ground (std / opt) | 522 mm / 624 mm | 522 mm / 624 mm | 522 mm / 624 mm | 522 mm / 624 mm | 522 mm / 624 mm | 522 mm / 624 mm |
| Rear opening height | 532 mm | 532 mm | 532 mm | 532 mm | 532 mm | 532 mm |
| Cargo height (rear wheel center and car center line) (std / opt) | 760 mm / 644 mm | 760 mm / 644 mm | 760 mm / 644 mm | 760 mm / 644 mm | 760 mm / 644 mm | 760 mm / 644 mm |
| Width of luggage compartment between wheelhouses | 960 mm | 960 mm | 960 mm | 960 mm | 960 mm | 960 mm |
| Rear opening width at floor, min. | 916 mm | 916 mm | 916 mm | 916 mm | 916 mm | 916 mm |
| Chassis | | | | | | |
| Suspension front | MacPherson Strut, Coil Springs, Hydraulic Shock Absorbers, Stabilizer Bar | MacPherson Strut, Coil Springs, Hydraulic Shock Absorbers, Stabilizer Bar | MacPherson Strut, Coil Springs, Hydraulic Shock Absorbers, Stabilizer Bar | MacPherson Strut, Coil Springs, Hydraulic Shock Absorbers, Stabilizer Bar | MacPherson Strut, Coil Springs, Hydraulic Shock Absorbers, Stabilizer Bar | MacPherson Strut, Coil Springs, Hydraulic Shock Absorbers, Stabilizer Bar |
| Suspension rear | Independent Suspension with Coil Springs, Hydraulic Monotube Shock Absorbers, Stabilizer Bar | Independent Suspension with Coil Springs, Hydraulic Monotube Shock Absorbers, Stabilizer Bar | Independent Suspension with Coil Springs, Hydraulic Monotube Shock Absorbers, Stabilizer Bar | Independent Suspension with Coil Springs, Hydraulic Monotube Shock Absorbers, Stabilizer Bar | Independent Suspension with Coil Springs, Hydraulic Monotube Shock Absorbers, Stabilizer Bar | Independent Suspension with Coil Springs, Hydraulic Monotube Shock Absorbers, Stabilizer Bar |
| Steering | Electrically Power Assisted Rack and Pinion Steering | Electrically Power Assisted Rack and Pinion Steering | Electrically Power Assisted Rack and Pinion Steering | Electrically Power Assisted Rack and Pinion Steering | Electrically Power Assisted Rack and Pinion Steering | Electrically Power Assisted Rack and Pinion Steering |
| Steering (angle/angle) | 14,7 | 14,7 | 14,7 | 14,7 | 14,7 | 14,7 |
| Turning circle (Curb to curb) (205/225/235) | 10,8 m / 11,1 / 11,7 m | 10,8 m / 11,1 / 11,7 m | 10,8 m / 11,1 / 11,7 m | 10,8 m / 11,1 / 11,7 m | 10,8 m / 11,1 / 11,7 m | 10,8 m / 11,1 / 11,7 m |
| Turning to wall (205/225/235) | 11,2 m / 11,5 / 12,0 m | 11,2 m / 11,5 / 12,0 m | 11,2 m / 11,5 / 12,0 m | 11,2 m / 11,5 / 12,0 m | 11,2 m / 11,5 / 12,0 m | 11,2 m / 11,5 / 12,0 m |
| Turns of steering wheel end to end (205/225/235) | 2,73 / 2,65 / 2,50 | 2,73 / 2,65 / 2,50 | 2,73 / 2,65 / 2,50 | 2,73 / 2,65 / 2,50 | 2,73 / 2,65 / 2,50 | 2,73 / 2,65 / 2,50 |
| Braking system | Antilock Braking System (ABS) with Electronic Brake Distribution (EBD) and Electronic Brake Assistance (EBA) | Antilock Braking System (ABS) with Electronic Brake Distribution (EBD) and Electronic Brake Assistance (EBA) | Antilock Braking System (ABS) with Electronic Brake Distribution (EBD) and Electronic Brake Assistance (EBA) | Antilock Braking System (ABS) with Electronic Brake Distribution (EBD) and Electronic Brake Assistance (EBA) | Antilock Braking System (ABS) with Electronic Brake Distribution (EBD) and Electronic Brake Assistance (EBA) | Antilock Braking System (ABS) with Electronic Brake Distribution (EBD) and Electronic Brake Assistance (EBA) |
| Brake disc diameter (front) | 278 mm / 300 mm / 320 mm | 278 mm / 300 mm / 320 mm | 278 mm / 300 mm / 320 mm | 278 mm / 300 mm / 320 mm | 278 mm / 300 mm / 320 mm | 278 mm / 300 mm / 320 mm |
| Brake disc diameter (rear) | 280 mm | 280 mm | 280 mm | 280 mm | 280 mm | 280 mm |
| Brake disc thickness (front) | 25 mm | 25 mm | 25 mm | 25 mm | 25 mm | 25 mm |
| Brake disc thickness (rear) | 11 mm | 11 mm | 11 mm | 11 mm | 11 mm | 11 mm |
| Braking distance 100-0 km/h | 37 m | 37 m | 37 m | 37 m | 37 m | 37 m |