2020 Volvo V90 Specifications

	V90 T4 (190 hp) auf	V90 T5 (250 hp) auf	V90 T6 AWD (310 hp) auf	V90 T8 TwEn (390 hp) auf	V90 D3 (150 hp) manuell	V90 D3 AWD (150 hp) auf	V90 D4 (190 hp) manuell	V90 D4 AWD (190 hp) auf	V90 D5 AWD (235 hp) auf
Engine									
Engines	B4204T51	B4204T26	B4204T26	B4204T34	B4204T47	B4204T47	B4204T44	B4204T44	B4204T44
Type	In-line, 4 cyl. turbocharged	In-line, 4 cyl. turbocharged	In-line, 4 cyl. supercharged and turbocharged	In-line, 4 cyl. supercharged and turbocharged	In-line 4 cyl. turbo diesel	In-line 4 cyl. turbo diesel	In-line 4 cyl. twin turbo diesel	In-line 4 cyl. twin turbo diesel	In-line 4 cyl. twin turbo diesel
Configuration	FWD	FWD	AWD	AWD	FWD	AWD	FWD	AWD	AWD
Displacement	1969 cm³	1969 cm³	1969 cm³	1969 cm³	1969 cm³	1969 cm³	1969 cm³	1969 cm³	1969 cm³
Bore	82.0 mm	82.0 mm	82.0 mm	82.0 mm	82.0 mm	82.0 mm	82.0 mm	82.0 mm	82.0 mm
Stroke	93.2 mm	93.2 mm	93.2 mm	93.2 mm	93.2 mm	93.2 mm	93.2 mm	93.2 mm	93.2 mm
Compression ratio	10.8:1	10.8:1	10.3:1	10.3:1	16.0:1	15.8:1	15.8:1	15.8:1	15.8:1
Valves, no/cyl/dist	4/ea	4/ea	4/ea	4/ea	4/ea	4/ea	4/ea	4/ea	4/ea
DOHC / SOHC	DOHC	DOHC	DOHC	DOHC	DOHC	DOHC	DOHC	DOHC	DOHC
Engine management system	Gasoline direct injection	Gasoline direct injection	Gasoline direct injection	Gasoline direct injection	Urea/Adblue	Urea/Adblue	Urea/Adblue	Urea/Adblue	Urea/Adblue
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	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	825 rpm ± 150	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]	Diesel [1]	Diesel [1]	Diesel [1]
Max engine speed	6000 rpm	6000 rpm	6000 rpm	6000 rpm	4500 rpm	4500 rpm	5000 rpm	5000 rpm	5000 rpm
Max output	145 kW (197 hp) / 5500 rpm	184 kW (250 hp) / 5500 rpm	225 kW (310 hp) / 5700 rpm	223 kW (303 hp) / 5000 rpm	110 kW (150 hp) / 3750 rpm	110 kW (150 hp) / 4250 rpm	140 kW (190 hp) / 4250 rpm	140 kW (190 hp) / 4250 rpm	173 kW (235 hp) / 4000 rpm
Max torque	300 / 27 - 67 Nm / rpm	350 / 30 - 80 Nm / rpm	400 / 37 - 85 Nm / rpm	400 / 37 - 85 Nm / rpm	320 / 20 - 50 Nm / rpm	350 / 25 - 42 Nm / rpm	400 / 25 - 42 Nm / rpm	400 / 25 - 42 Nm / rpm	480 / 29 - 37 Nm / rpm
Battery type	-	-	-	Lithium-ion battery	-	-	-	-	-
Battery content, total amount of energy (kWh)	-	-	-	11,8	-	-	-	-	-
Battery charging time [2] at 16A / 10A / 6A fuse (hours)	-	-	-	3,0 / 4,9 / 9,0	-	-	-	-	-
Battery placement	-	-	-	Centrally in the tunnel of the car	-	-	-	-	-
Electrical motor max power (kW)	-	-	-	65 kW	-	-	-	-	-
Electrical motor max torque (Nm)	-	-	-	240 Nm	-	-	-	-	-
Drivetrain max power (kW)	-	-	-	65 kW + 223 kW** [3]	-	-	-	-	-
Drivetrain max torque (Nm)	-	-	-	240 Nm + 400 Nm** [3]	-	-	-	-	-

* According to DIN80 Maximum Sidehead (Fuel) contains 5%

** = top ex

*** = top ex

Transmissions

Transmissions	AW TG-81SC	AW TG-81SC	-	-	M66F / AW TG-81SC	-	M66F / AW TG-81SC	-	-
First Gear	5,250	5,250	-	-	3,583-1,250	-	3,583-1,250	-	-
Second Gear	3,029	3,029	-	-	2,050 / 3,029	-	2,050 / 3,029	-	-
Third Gear	1,950	1,950	-	-	1,267 / 1,950	-	1,267 / 1,950	-	-
Fourth Gear	1,457	1,457	-	-	0,838 / 1,457	-	0,838 / 1,457	-	-
Fifth Gear	1,221	1,221	-	-	0,617 / 1,221	-	0,617 / 1,221	-	-
Sixth Gear	1,000	1,000	-	-	0,510 / 1,000	-	0,510 / 1,000	-	-
Seventh Gear	0,809	0,809	-	-	– / 0,809	-	– / 0,809	-	-
Eighth Gear	0,673	0,673	-	-	– / 0,673	-	– / 0,673	-	-
Reverse Gear	4,015	4,015	-	-	2,833 / 4,015	-	2,833 / 4,015	-	-
Manual Gearbox/final drive	-	-	-	-	4,000 (gear 1-6) / 4,941 (gear R)	-	4,000 (gear 1-6) / 4,941 (gear R)	-	-
Automatic Gearbox/final drive	3,075	3,075	-	-	3,075	-	2,955	-	-
Transmissions (4WD)	-	-	AW TG-81SC	AW TG-81SD	-	AW TG-81SC	-	AW TG-81SC	AW TG-81SC
First Gear (4WD)	-	-	5,250	5,250	-	5,250	-	5,250	5,250
Second Gear (4WD)	-	-	3,029	3,029	-	3,029	-	3,029	3,029
Third Gear (4WD)	-	-	1,950	1,950	-	1,950	-	1,950	1,950
Fourth Gear (4WD)	-	-	1,457	1,457	-	1,457	-	1,457	1,457
Fifth Gear (4WD)	-	-	1,221	1,221	-	1,221	-	1,221	1,221
Sixth Gear (4WD)	-	-	1,000	1,000	-	1,000	-	1,000	1,000
Seventh Gear (4WD)	-	-	0,809	0,809	-	0,809	-	0,809	0,809
Eighth Gear (4WD)	-	-	0,673	0,673	-	0,673	-	0,673	0,673
Reverse Gear (4WD)	-	-	4,015	4,015	-	4,015	-	4,015	4,015
Automatic Gearbox / final drive (4WD)	-	-	3,200	3,200	-	3,075	-	3,075	3,075

Performance

Performance	Automatic	Automatic	Automatic	Automatic	Manual / Automatic	Automatic	Manual / Automatic	Automatic	Automatic
Gearbox	AW TG-81SC	AW TG-81SC	AW TG-81SC	AW TG-81SD	M66F / AW TG-81SC	AW TG-81SC	M66F / AW TG-81SC	AW TG-81SC	AW TG-81SC
Acceleration, 0-100 km/h	8,9 sec	7,0 sec	6,1 sec	5,3 sec	10,2 sec / 10,2 sec	10,5 sec	8,5 sec / 8,5 sec	8,7 sec	7,2 sec
Top speed	210 km/h	230 km/h	250 km/h	250 km/h	205 km/h / 205 km/h	205 km/h	220 km/h / 220 km/h	220 km/h	235 km/h
Type class B Combined, NEDC*, l/100 km / CO2* g/km	-	-	-	1,9 l/100 km / 44 g/km	-	-	-	-	-
Type class B Combined, NEDC*, l/100 km / CO2* g/km	6,9 l/100 km / 158 g/km	6,8 l/100 km / 157 g/km	7,7 l/100 km / 179 g/km	2,1 l/100 km / 47 g/km	4,9 l/100 km / 128 g/km / 5,0 l/100 km / 131 g/km	5,3 l/100 km / 139 g/km	4,9 l/100 km / 121 g/km / 4,9 l/100 km / 127 g/km	5,3 l/100 km / 139 g/km	5,6 l/100 km / 146 g/km
Type class C Combined, NEDC*, l/100 km / CO2* g/km	6,9 l/100 km / 160 g/km	6,8 l/100 km / 159 g/km	7,8 l/100 km / 181 g/km	2,1 l/100 km / 48 g/km	4,9 l/100 km / 128 g/km / 5,0 l/100 km / 134 g/km	5,4 l/100 km / 142 g/km	4,7 l/100 km / 124 g/km / 4,8 l/100 km / 128 g/km	5,4 l/100 km / 142 g/km	5,6 l/100 km / 148 g/km
WLTP Low l/100 km / CO2* g/km	10,9 – 11,4 / 246 - 259	10,8 – 11,3 / 244 - 260	12,7 - 13,0 / 287 - 294	-	6,8 – 7,3 / 174 - 191 / 7,5 – 8,0 / 195 - 210	8,1 – 8,8 / 211 - 227	6,9 – 7,1 / 174 - 187 / 7,3 – 7,8 / 192 - 207	8,1 – 8,8 / 211 - 227	8,4 – 9,1 / 220 - 237
WLTP Medium l/100 km / CO2* g/km	7,7 – 8,5 / 176 - 193	7,7 – 8,5 / 176 - 193	9,1 - 9,9 / 208 - 224	-	5,5 – 6,1 / 144 - 161 / 5,9 – 6,5 / 156 - 170	6,7 – 7,3 / 176 - 191	5,7 – 6,3 / 144 - 159 / 6,0 – 6,7 / 152 - 175	6,7 – 7,3 / 176 - 191	6,8 – 7,5 / 179 - 198
WLTP Extra high l/100 km / CO2* g/km	6,4 – 7,3 / 144 - 164	6,5 – 7,2 / 147 - 164	7,5 – 8,3 / 170 - 188	-	4,6 – 5,3 / 120 - 144 / 4,8 – 5,8 / 127 - 151	5,7 – 6,2 / 148 - 162	4,9 – 5,5 / 124 - 140 / 5,0 – 5,8 / 129 - 147	5,7 – 6,2 / 148 - 162	5,7 – 6,3 / 149 - 165
WLTP City l/100 km / CO2* g/km	7,2 – 8,4 / 159 - 191	7,1 – 8,3 / 162 - 193	8,1 – 9,1 / 184 - 207	-	5,2 – 6,3 / 137 - 170 / 5,2 – 6,3 / 141 - 175	6,4 – 7,1 / 167 - 186	5,8 – 6,8 / 147 - 180 / 5,5 – 6,7 / 143 - 176	6,4 – 7,1 / 167 - 186	6,2 – 7,1 / 161 - 186
WLTP Combined l/100 km / CO2* g/km	7,5 – 8,5 / 169 - 192	7,5 – 8,5 / 171 - 193	8,7 – 9,5 / 196 - 216	-	5,3 – 6,2 / 138 - 162 / 5,6 – 6,5 / 147 - 171	6,5 – 7,1 / 169 - 185	5,7 – 6,3 / 145 - 170 / 5,8 – 6,5 / 147 - 171	6,5 – 7,1 / 169 - 185	6,5 – 7,2 / 169 - 189

* = WEAC Signals combined from WLTP based testing

Measurements and Volumes

Length	4936 mm	4936 mm	4936 mm	4936 mm	4936 mm	4936 mm	4936 mm	4936 mm	4936 mm
Width (body width)	1879 mm	1879 mm	1879 mm	1879 mm	1879 mm	1879 mm	1879 mm	1879 mm	1879 mm
Width (door mouldings)	1860 mm	1860 mm	1860 mm	1860 mm	1860 mm	1860 mm	1860 mm	1860 mm	1860 mm
Width (incl mirrors, folded)	1895 mm	1895 mm	1895 mm	1895 mm	1895 mm	1895 mm	1895 mm	1895 mm	1895 mm
Height (including shark fin antenna)	2019 mm	2019 mm	2019 mm	2019 mm	2019 mm	2019 mm	2019 mm	2019 mm	2019 mm
Height (including rooms, sulak edge)	1475 mm	1475 mm	1475 mm	1475 mm	1475 mm	1475 mm	1475 mm	1475 mm	1475 mm
Wheelbase	2941 mm	2941 mm	2941 mm	2941 mm	2941 mm	2941 mm	2941 mm	2941 mm	2941 mm
Track, front (Rim size 17"x8" - 17"x9")	1628 mm / 1618 mm / 1610 mm /1624 mm	1628 mm / 1618 mm / 1610 mm /1624 mm	1628 mm / 1618 mm / 1610 mm /1624 mm	1628 mm / 1618 mm / 1610 mm /1624 mm	1628 mm / 1618 mm / 1610 mm /1624 mm	1628 mm / 1618 mm / 1610 mm /1624 mm	1628 mm / 1618 mm / 1610 mm /1624 mm	1628 mm / 1618 mm / 1610 mm /1624 mm	1628 mm / 1618 mm / 1610 mm /1624 mm
Track, rear (Rim size 17"x8" - 19"x9")	1629 mm / 1619 mm / 1610 mm /1624 mm	1629 mm / 1619 mm / 1610 mm /1624 mm	1629 mm / 1619 mm / 1610 mm /1624 mm	1629 mm / 1619 mm / 1610 mm /1624 mm	1629 mm / 1619 mm / 1610 mm /1624 mm	1629 mm / 1619 mm / 1610 mm /1624 mm	1629 mm / 1619 mm / 1610 mm /1624 mm	1629 mm / 1619 mm / 1610 mm /1624 mm	1629 mm / 1619 mm / 1610 mm /1624 mm
Ground clearance (at curb weight + 1 person)	153 mm	153 mm	153 mm	153 mm	153 mm	153 mm	153 mm	153 mm	153 mm
Wading capability (Max water depth at curb weight + 1 person)	250 mm	250 mm	250 mm	Up to a depth approximately level with the floor at walking speed	250 mm	250 mm	250 mm	250 mm	250 mm
Turning circle (between curbs at 1 person)	1710 kg - 2050 kg	1710 kg - 2050 kg	1710 kg - 2050 kg	1710 kg - 2050 kg	1710 kg - 2050 kg	1710 kg - 2050 kg	1710 kg - 2050 kg	1710 kg - 2050 kg	1710 kg - 2050 kg

Weight/Miscellaneous

Total Weight (Depending on type of engine, gearbox and fuel)	2290 kg - 2620 kg	2290 kg - 2620 kg	2290 kg - 2620 kg	2290 kg - 2620 kg	2290 kg - 2620 kg	2290 kg - 2620 kg	2290 kg - 2620 kg	2290 kg - 2620 kg	2290 kg - 2620 kg
Max trailer weight, Unbraked (Max)	750 kg	750 kg	750 kg	750 kg	750 kg	750 kg	750 kg	750 kg	750 kg
Max trailer weight, Braked (Max)	1800 kg	1800 kg	2200 kg [1]	2100 kg	1800 kg / 1800 kg	2200 kg	1800 kg / 1800 kg	2200 kg	2200 kg
Fuel tank, Petrol	60 l	60 l	60 l	60 l	-	-	-	-	-
Fuel tank, Diesel	-	-	-	-	55 l	60 l	55 l	60 l	60 l
Aerodynamics, (Cd)	0,30 – 0,33	0,30 – 0,33	0,30 – 0,33	0,30 – 0,33	0,30 – 0,33	0,30 – 0,33	0,30 – 0,33	0,30 – 0,33	0,30 – 0,33
Aerodynamics, (Frontal area)	2,30 m²	2,30 m²	2,30 m²	2,30 m²	2,30 m²	2,30 m²	2,30 m²	2,30 m²	2,30 m²
Max roof load	100 kg	100 kg	100 kg	100 kg	100 kg	100 kg	100 kg	100 kg	100 kg
SCR tank [2]	-	-	-	-	11,5	11,5	11,5	11,5	11,5

* = WLTP - TORQUE equated, otherwise NEDC

** = Harbor units: DNOA75 10, 14, 16, 20, 26, 40 / DNOA75 10, 14, 16, 20, 26, 40, 80 / DNOA75 10, 14, 16, 20, 26, 40 / DNOA75 10, 14, 16, 20, 26, 40

Interior Measurements

Headroom with panoramic sunroof (Front)	959 mm / 957 mm	959 mm / 957 mm	959 mm / 957 mm	959 mm / 957 mm	959 mm / 957 mm	959 mm / 957 mm	959 mm / 957 mm	959 mm / 957 mm	959 mm / 957 mm
Headroom without panoramic sunroof (Rontgen)	983 mm / 966 mm	983 mm / 966 mm	983 mm / 966 mm	983 mm / 966 mm	983 mm / 966 mm	982 mm / 966 mm	983 mm / 966 mm	982 mm / 966 mm	983 mm / 966 mm
Headroom maximum, with panoramic sunroof (front)	1006 mm	1006 mm	1006 mm	1006 mm	1006 mm	1006 mm	1006 mm	1006 mm	1006 mm
Headroom maximum, without panoramic sunroof (front)	1026 mm	1026 mm	1026 mm	1026 mm	1026 mm	1026 mm	1026 mm	1026 mm	1026 mm
Passenger compartment width at shoulder height	1460 mm / 1420 mm	1460 mm / 1420 mm	1460 mm / 1420 mm	1460 mm / 1420 mm	1460 mm / 1420 mm	1460 mm / 1420 mm	1460 mm / 1420 mm	1460 mm / 1420 mm	1460 mm / 1420 mm
Leg room (front/rear)	1071 mm / 911 mm	1071 mm / 911 mm	1071 mm / 911 mm	1071 mm / 911 mm	1071 mm / 911 mm	1071 mm / 911 mm	1071 mm / 911 mm	1071 mm / 911 mm	1071 mm / 911 mm
Hip room (front/rear)	1422 mm / 1416 mm	1422 mm / 1416 mm	1422 mm / 1416 mm	1422 mm / 1416 mm	1422 mm / 1416 mm	1422 mm / 1416 mm	1422 mm / 1416 mm	1422 mm / 1416 mm	1422 mm / 1416 mm
Cargo length from the first seatback to the tailgate measured at the top of the first seatback	1812 mm	1812 mm	1812 mm	1812 mm	1812 mm	1812 mm	1812 mm	1812 mm	1812 mm
Cargo length from the first seatback to the tailgate measured at the height of the floor covering	1988 mm	1988 mm	1988 mm	1988 mm	1988 mm	1988 mm	1988 mm	1988 mm	1988 mm
Cargo length from the second seatback to the tailgate measured at the top of the second seatback	890 mm	890 mm	890 mm	890 mm	890 mm	890 mm	890 mm	890 mm	890 mm
Cargo length from the second seatback to the tailgate measured at the height of the floor covering	1153 mm	1153 mm	1153 mm	1153 mm	1153 mm	1153 mm	1153 mm	1153 mm	1153 mm
Rear opening height (H2O2)	704 mm	704 mm	704 mm	704 mm	704 mm	704 mm	704 mm	704 mm	704 mm
Luggage floor, height to ground (H2O2)	610 mm	610 mm	610 mm	610 mm	610 mm	610 mm	610 mm	610 mm	610 mm
Cargo floor width, (H2O2) (between wheel housings)	1100 mm	1100 mm	1100 mm	1100 mm	1100 mm	1100 mm	1100 mm	1100 mm	1100 mm
Rear opening width at floor, min (H2O2)	1030 mm	1030 mm	1030 mm	1030 mm	1030 mm	1030 mm	1030 mm	1030 mm	1030 mm
Cargo volume maximum (VDA)	1192 mm	1192 mm	1192 mm	1192 mm	1192 mm	1192 mm	1192 mm	1192 mm	1192 mm
Largest Luggage Compartment - Fold (Largest volume, Load height limited by the head lining. Front limited by vertical plane tangential to the rear side of the front seatback)	1526 l	1526 l	1526 l	1526 l	1526 l	1526 l	1526 l	1526 l	1526 l
Total, including under floor volume	771 l	771 l	771 l	771 l	771 l	771 l	771 l	771 l	771 l
Under floor volume, V200	771 l	771 l	771 l	771 l	771 l	771 l	771 l	771 l	771 l
Largest Luggage Compartment - Seat (Second seat folded, Load height limited by the head lining. Front limited by vertical plane tangential to the rear side of the front seatback)	1723 l	1723 l	1723 l	1723 l	1723 l	1723 l	1723 l	1723 l	1723 l
Total, including under floor volume	913 l	913 l	913 l	913 l	913 l	913 l	913 l	913 l	913 l
Under floor volume, V200	771 l	771 l	771 l	771 l	771 l	771 l	771 l	771 l	771 l
Open Luggage Compartment - Seat (Second seat folded, Load height limited by the upper edge of the second seatback or second window)	1526 l	1526 l	1526 l	1526 l	1526 l	1526 l	1526 l	1526 l	1526 l
Total, including under floor volume	560 l	560 l	560 l	560 l	560 l	560 l	560 l	560 l	560 l
Under floor volume, V200	771 l	771 l	771 l	771 l	771 l	771 l	771 l	771 l	771 l

Chassis

Suspension front	Double Wishbone Suspension, Coil Springs, Hydraulic Damper, Stabilizer and Electronic Brake Assistance (EBA)	Double Wishbone Suspension, Coil Springs, Hydraulic Damper, Stabilizer and Electronic Brake Assistance (EBA)	Double Wishbone Suspension, Coil Springs, Hydraulic Damper, Shock Absorbers, Stabilizer Bar and Electronic Brake Assistance (EBA)	Double Wishbone Suspension, Coil Springs, Hydraulic Damper, Shock Absorbers, Stabilizer Bar and Electronic Brake Assistance (EBA)	Double Wishbone Suspension, Coil Springs, Hydraulic Damper, Shock Absorbers, Stabilizer Bar and Electronic Brake Assistance (EBA)	Double Wishbone Suspension, Coil Springs, Hydraulic Damper, Shock Absorbers, Stabilizer Bar and Electronic Brake Assistance (EBA)	Double Wishbone Suspension, Coil Springs, Hydraulic Damper, Shock Absorbers, Stabilizer Bar and Electronic Brake Assistance (EBA)	Double Wishbone Suspension, Coil Springs, Hydraulic Damper, Shock Absorbers, Stabilizer Bar and Electronic Brake Assistance (EBA)	Double Wishbone Suspension, Coil Springs, Hydraulic Damper, Shock Absorbers, Stabilizer Bar and Electronic Brake Assistance (EBA)
Suspension rear (Rontgen)	Integral Axle with Transverse Composite Leaf Spring, Hydraulic Shock Absorbers, Stabilizer Bar, Optional Air Suspension	Integral Axle with Transverse Composite Leaf Spring, Hydraulic Shock Absorbers, Stabilizer Bar, Optional Air Suspension	Integral Axle with Transverse Composite Leaf Spring, Hydraulic Shock Absorbers, Stabilizer Bar, Optional Air Suspension	Integral Axle with Transverse Composite Leaf Spring, Hydraulic Shock Absorbers, Stabilizer Bar, Optional Air Suspension	Integral Axle with Transverse Composite Leaf Spring, Hydraulic Shock Absorbers, Stabilizer Bar, Optional Air Suspension	Integral Axle with Transverse Composite Leaf Spring, Hydraulic Shock Absorbers, Stabilizer Bar, Optional Air Suspension	Integral Axle with Transverse Composite Leaf Spring, Hydraulic Shock Absorbers, Stabilizer Bar, Optional Air Suspension	Integral Axle with Transverse Composite Leaf Spring, Hydraulic Shock Absorbers, Stabilizer Bar, Optional Air Suspension	Integral Axle with Transverse Composite Leaf Spring, Hydraulic Shock Absorbers, Stabilizer Bar, Optional Air Suspension
Steering	Electric Power Assisted Rack and Pinion Steering	Electric Power Assisted Rack and Pinion Steering	Electric Power Assisted Rack and Pinion Steering	Electric Power Assisted Rack and Pinion Steering	Electric Power Assisted Rack and Pinion Steering	Electric Power Assisted Rack and Pinion Steering	Electric Power Assisted Rack and Pinion Steering	Electric Power Assisted Rack and Pinion Steering	Electric Power Assisted Rack and Pinion Steering
Steering ratio (angle/angle)	16,3	16,3	16,3	16,3	16,3	16,3	16,3	16,3	16,3
Turning circle (Curb to curb)	11,4 m / 11,8 m	11,4 m / 11,8 m	11,4 m / 11,8 m	11,4 m / 11,8 m	11,4 m / 11,8 m	11,4 m / 11,8 m	11,4 m / 11,8 m	11,4 m / 11,8 m	11,4 m / 11,8 m
Turning circle (Wall to wall)	11,8 m / 12,2 m	11,8 m / 12,2 m	11,8 m / 12,2 m	11,8 m / 12,2 m	11,8 m / 12,2 m	11,8 m / 12,2 m	11,8 m / 12,2 m	11,8 m / 12,2 m	11,8 m / 12,2 m
Turns of steering wheel end-to-end	2,9 / 3,0	2,9 / 3,0	2,9 / 3,0	2,9 / 3,0	2,9 / 3,0	2,9 / 3,0	2,9 / 3,0	2,9 / 3,0	2,9 / 3,0
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)	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) (Ø 13" / 17" / 18")	296 mm / 322 mm / 345 mm	296 mm / 322 mm / 345 mm	296 mm / 322 mm / 345 mm	296 mm / 322 mm / 345 mm	296 mm / 322 mm / 345 mm	296 mm / 322 mm / 345 mm	296 mm / 322 mm / 345 mm	296 mm / 322 mm / 345 mm	296 mm / 322 mm / 345 mm
Brake disc diameter (rear) (Ø 17")	302 mm / 320 mm	302 mm / 320 mm	302 mm / 320 mm	302 mm / 320 mm	302 mm / 320 mm	302 mm / 320 mm	302 mm / 320 mm	302 mm / 320 mm	302 mm / 320 mm
Brake disc thickness (front) (13" / 17" / 18")	28 mm / 30 mm	28 mm / 30 mm	28 mm / 30 mm	28 mm / 30 mm	28 mm / 30 mm	28 mm / 30 mm	28 mm / 30 mm	28 mm / 30 mm	28 mm / 30 mm
Brake disc thickness (rear) (17")	12 mm / 20 mm	12 mm / 20 mm	12 mm / 20 mm	12 mm / 20 mm	12 mm / 20 mm	12 mm / 20 mm	12 mm / 20 mm	12 mm / 20 mm	12 mm / 20 mm
Braking distance 70-0 km/h	35 m	35 m	35 m	35 m	35 m	35 m	35 m	35 m	35 m