

Technical Specifications New LEON SC

DIESEL

ENGINE	1.6l 66 kW	1.6l 77 kW	1.6l 77 kW	1.6l 77 kW	2.0l 110 Kw	2.0l 110 Kw	2.0l 110 Kw	2.0l 110 kW	2.0l 135 kW	2.0l 135 kW
Emission control	EU5+	EU5+	EU5+	EU5+	EU5+	EU5+	EU5+	EU6	EU5+	EU6
ENGINE			Start-Stop	DSG /Start-Stop		Start-Stop	EU6+ Start-Stop DSG	Start-Stop	Start-Stop	Start-Stop
Cylinder/Valve (Total)	4 / 16	4 / 16	4 / 16	4 / 16	4 / 16	4 / 16	4 / 16	4 / 16	4 / 16	4 / 16
Displacement (cc)	1598	1598	1598	1598	1968	1968	1968	1968	1968	1968
Bore and stroke (mm)	79,5 X 80,5	79,5 X 80,5	79,5 X 80,5	79,5 X 80,5	81,0 X 95,5	81,0 X 95,5	81,0 X 95,5	81,0 X 95,5	81,0 X 95,5	81,0 X 95,5
Compression ratio	16.2	16.2	16.2	16.2	16.0	16.0	16.0	16.0	15.8	15.8
Maximum power (kW (PS) /rpm)	66 (90) / 2750-4800	77 (105) / 3000-4000	77 (105) / 3000-4000	77 (105) / 3000-4000	110 (150) / 3500-4000	110 (150) / 3500-4000	110 (150) / 3500-4000	110 (150) / 3500-4000	135 (184) / 4000	135 (184) / 4000
Max. torque (Nm/rpm)	230 / 1400-2750	250 / 1500-2750	250 / 1500-2750	250 / 1500-2750	320 / 1750-3000	320 / 1750-3000	320 / 1750-3000	320 / 1750-3000	380 / 1750-3000	380 / 1750-3000
Fuel supply system	Direct injection: Common Rail									
Ignition	Compressed ignition									
Atmospheric / Supercharged	Turbocharged									
Fuel type	DIESEL	DIESEL	DIESEL	DIESEL	DIESEL	DIESEL	DIESEL	DIESEL	DIESEL	DIESEL
Oil capacity in initial fill (l)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Alternator (A)	110-140	140	140	140	140	140	140	140	140	140
Battery (Ah/A)	61-72 / 330-380	61-72 / 330-380	68 / 380	61-72 / 330-380	61-72 / 330-380	68 / 380	68 / 380	68 / 380	68 / 380	68 / 380
PERFORMANCE										
Max. speed [km/h (gear)]	178 (IV)	191 (V)	192 (V)	191 (VI)	215 (VI)	215 (VI)	211 (VI)	215 (VI)	228 (VI)	228 (VI)
Acceleration 0-100 km/h (s)	12.6	10.7	10.7	10.7	8.4	8.4	8.4	8.4	7.5	7.5
FUEL CONSUMPTION										
Combined (l/100 km)	4.1	4.1	3.8	3.9	4.4	4.1	4.4	4.1	4.2	4.3
MASS EMISSION										
CO2 Combined (g/km)	108	108	99	102	115	106	117	106	109	112
TRANSMISSION										
Gearbox type :	Manual 5-speed	Manual 5-speed	Manual 5-speed	DSG 7-speed	Manual 6-speed	Manual 6-speed	DSG 6-speed	Manual 6-speed	Manual 6-speed	Manual 6-speed
Ratios	I 3.778	3.778	3.778	3.500	3.769	3.769	3.462	3.769	3.769	3.769
	II 1.944	1.944	1.944	2.087	1.958	1.958	2.050	1.958	2.087	2.087
	III 1.185	1.185	1.185	1.343	1.257	1.257	1.300	1.257	1.324	1.324
	IV 0.816	0.816	0.816	0.933	0.870	0.870	0.902	0.870	0.919	0.919
	V 0.625	0.625	0.625	0.974	0.857	0.857	0.914	0.857	0.902	0.902
	VI -	-	-	0.778	0.717	0.717	0.756	0.717	0.757	0.757
	VII -	-	-	0.653	-	-	-	-	-	-
	R 3.600	3.600	3.600	3.722	4.549	4.549	3.989	4.549	4.549	4.549
Group 1 ratio	3.647	3.647	3.647	4.800	3.450	3.450	4.118	3.450	3.450	3.450
Group 2 ratio	-	-	-	3.429	2.760	2.760	3.043	2.760	2.760	2.760
Group 3 ratio	-	-	-	4.500	-	-	-	-	-	-
Speed 1000 rpm in IV/V/VI/VII (km/h)	39,2/51,2/--/--	39,1/51,0/--/--	39,1/51,0/--/--	25,9/34,8/43,6/51,9	38,6/48,9/58,4/--	38,6/48,9/58,4/--	31,1/41,6/50,3/--	38,6/48,9/58,4/--	36,6/46,6/55,6/--	36,6/46,6/55,6/--
CHASIS										
Front suspension	Independent type McPherson - coil springs - hydraulic shock absorber									
Rear suspension	Semirigid axle, coil springs and hydraulic shock absorber								Multilink axle, coil springs and hydraulic shock absorber	
Steering system	R-EPS (Rack Electric Power System)									
Turning diameter (m)	10.1									
Brake system	Dual hydraulic circuit and brake system diagonal split with brake booster									
Front/Rear brake type	Front ventilated disc brakes and rear solid disc brakes									
Front brakes (mm)	288x25								312x25	
Rear brakes (mm)	253x10								272x10	
WHEELS										
Rims	6Jx15 ET43 - 6.5Jx16 ET46	6Jx15 ET43 - 6.5Jx16 ET46 - 7Jx17 ET49				6.5Jx16 ET46 - 7Jx17 ET49 - 7.5Jx17 ET51 - 7.5Jx18 ET51				7.5Jx17 ET51-7.5Jx18 ET51
Tyres	195/65 R15 91H - 205/55 R16 91V	195/65 R15 91H - 205/55 R16 91V - 225/45 R17 91W				205/55 R16 91V - 225/45 R17 91W- 225/40 R18 92Y				225/45 R17 91W-225/40 R18 92Y
PACKAGE (In running order w/o driver)										
Body Type	3 D									
Length/ width / height (mm)	Reference and Style: 4228 / 1810 / 1446, FR:4236 / 1810 / 1431									
Wheelbase (mm)	Reference and Style: 2601, FR: 2599 (FR 2.0l 135 kW: 2596)									
Front/Rear track (mm)	Rims w. ET 43 1549/1520, ET46 1544/1514, ET49 1538/1508, ET51 1534/1504 (FR: 17" ET51 1534/1508, 18" ET51 1534/1511)									
Boot capacity (l)	380									
Fuel tank capacity (l)	50									
WEIGHTS										
In running order with driver (kg)	1261	1261	1266	1281	1281	1285	1302	1285	1350	1350
In running order with driver (kg) Front / Rear	804 / 457	804 / 457	809 / 457	826 / 455	819 / 462	825 / 460	842 / 460	825 / 460	853 / 497	853 / 497
Max. weight allowed (kg)	1780	1770	1780	1780	1790	1800	1810	1800	1820	1820
Max. towing weight without brake (kg)	630	630	630	640	640	640	650	640	670	670
Max. towing weight with brake 8% (kg)	1700	1800	1800	1800	1800	1800	1800	1800	1800	1800
Max. Towing weight with brake 12% (kg)	1400	1500	1500	1500	1600	1600	1600	1600	1600	1600

ALL DATA SUBJECT TO HOMOLOGATION