

Technical Specifications New LEON SC

PETROL

ENGINE	1.2l 63 kW	1.2l 77 kW	1.2l 77 kW	1.2l 77 kW	1.4l 90 kW	1.4l 103 kW	1.8l 132 kW	1.8l 132 kW
Emission control	EU5	EU5+	EU5+	EU5+	EU5+	EU5+	EU6	EU6
ENGINE			Start-Stop	Start-Stop DSG	Start-Stop	Start-Stop	Start-Stop	Start-Stop DSG
Cylinder/Valve (Total)	4 / 16	4 / 16	4 / 16	4 / 16	4 / 16	4 / 16	4/16	4/16
Displacement (cc)	1197	1197	1197	1197	1395	1395	1,798	1,798
Bore and stroke (mm)	71 x 75,6	71 x 75,6	71 x 75,6	71 x 75,6	74,5 x 80	74,5 x 80	82,5 x 84,2	82,5 x 84,2
Compression ratio	10.5	10.5	10.5	10.5	10.5	10.5	9.6	9.6
Maximum power (kW (PS) /rpm)	63 (86) / 4300-5300	77 (105) / 4500-5500	77 (105) / 4500-5500	77 (105) / 4500-5500	90 (122) / 5000-6000	103 (140) / 4500-6000	132 (180)/5100-6200	132 (180)/5100-6200
Max. torque (Nm/rpm)	160 / 1400-3500	175 / 1400-4000	175 / 1400-4000	175 / 1400-4000	200 / 1400-4000	250 / 1500-3500	250/1250-5000	250/1250-5000
Fuel supply system	TSI Direct Injection						MPI Multipoint injection + TSI Direct Injection	
Ignition	Electronic map-controlled ignition							
Atmospheric / Supercharged	Turbo charged							
Fuel type	ROZ 95	ROZ 95	ROZ 95	ROZ 95	ROZ 95	ROZ 95	ROZ 95	ROZ 95
Oil capacity in initial fill (l)	4.5	4.5	4.5	4.5	4.5	4.5	5.4	5.4
Alternator (A)	110-140	110-140	140	140	140	140	140	140
Battery (Ah/A)	44-51-60-72 / 220-280-280-380		59-69 / 320-360	69 / 360	59-69 / 320-360	69 / 360	69 / 360	69 / 360
PERFORMANCE								
Max. speed [km/h (gear)]	178 (V)	191 (V)	191 (V)	191 (VI)	202 (V&VI)	211 (VI)	226 (VI)	224 (VI)
Acceleration 0-100 km/h (s)	11.9	10.2	10.2	10.2	9.3	8.2	7.5	7.2
FUEL CONSUMPTION								
Combined (l/100 km)	5.2	5.2	4.9	4.8	5.2	5.2	5.9	5.7
MASS EMISSION								
CO2 Combined (g/km)	119	119	114	112	120	119	137	132
TRANSMISSION								
Gearbox type :	Manual 5-speed	Manual 5-speed	Manual 6-speed	DSG 7-speed	Manual 6-speed	Manual 6-speed	Manual 6-speed	DSG 7-speed
Ratios	I 3.769	3.769	3.615	3.765	3.615	3.778	3.778	3.765
	II 1.955	1.955	1.947	2.273	1.947	2.118	2.118	2.273
	III 1.281	1.281	1.281	1.531	1.281	1.360	1.360	1.531
	IV 0.881	0.881	0.973	1.122	0.973	1.029	1.029	1.122
	V 0.673	0.673	0.778	1.176	0.778	0.857	0.857	1.176
	VI -	-	0.646	0.951	0.646	0.733	0.733	0.951
	VII -	-		0.795	-	-	-	0.795
	R 3.182	3.182	3.182	4.170	3.182	3.600	3.600	4.170
Group 1 ratio	4.056	4.056	4.056	4.438	4.056	3.647	3.647	4.438
Group 2 ratio	-	-	-	3.227	-	-	-	3.227
Group 3 ratio	-	-	-	4.176	-	-	-	4.176
Speed 1000 rpm in IV/V/VI/VII (km/h)	32,4/42,4/--/--	32,5/42,6/--/--	29,5/36,8/44,4/--	23,3/30,6/37,9/45,3	29,3/36,7/44,2/--	31,0/37,2/43,5/--	30,8/37,0/43,2/--	23,2/30,4/37,6/45,0
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 (w. 19" rims 10, 55)							
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 1.8l 132 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)	1168	1179	1189	1215	1204	1211	1290	1307
In running order with driver (kg) Front / Rear	707 / 461	711 / 468	721 / 468	747 / 468	734 / 470	740 / 471	792 / 498	809 / 498
Max. weight allowed (kg)	1690	1700	1700	1720	1700	1730	1820	1840
Max. towing weight without brake (kg)	580	580	590	600	600	600	640	650
Max. towing weight with brake 8% (kg)	1300	1500	1500	1500	1700	1800	1800	1800
Max. Towing weight with brake 12% (kg)	1100	1300	1300	1300	1400	1500	1500	1500

ALL DATA SUJECT TO HOMOLOGATION