

Technical specification New Kangoo

27-04-2009

Versions with a STANDARD CAPACITY

Trade name of the engine version	1,6 8V 90	1,6 16V 105	1,5 dCi 70	1,5 dCi 85	1,5 dCi 105
Number of seats	5	5	5	5	5
ENGINE					
Type of engine	K7M	K4M	K9K	K9K	K9K
Displacement (cm3)	1598	1598	1461	1461	1461
Type of injection	Multipoint	Multipoint	Direct (turbo) Common Rail	Direct (turbo) Common Rail	Direct (turbo) Common Rail
Type of fuel	Petrol	Petrol	Diesel	Diesel	Diesel
Number of cylinders	4	4	4	4	4
Number of valves	8	16	8	8	8
Maximum output kW UE (DIN hp)	64 (87)	78 (106)	50 (68)	63 (85)	78 (106)
Max. torque Nm EU (rpm)	128 (3750)	148 (3750)	185 (1750)	200 (1750)	240 (2000)
GEARBOX					
Type	JR5	JR5	JR5	JR5	TL4
Number of forward gears	5	5	5	5	6
TRANSMISSION					
Type of transmission	Front	Front	Front	Front	Front
STEERING SYSTEM					
turning diameter between kerbs	10,7	10,7	10,7	10,7	10,7
Number of turns of the steering wheel	3,2	3,2	3,2	3,2	3,2
SUSPENSION AND WHEELS					
rear suspension	rear torsion axle	rear torsion axle	rear torsion axle	rear torsion axle	rear torsion axle
tyres	195/65 R15 LI91	195/65 R15 LI91	195/65 R15 LI91	195/65 R15 LI91	195/65 R15 LI91
BRAKING SYSTEM					
front disc brakes (mm)	280	280	280	280	280
rear disc brakes (mm)	274	274	274	274	274
PERFORMANCES					
Maximum speed (km/h)	158	170	147	158	170
Standing start 0 – 100 km/h (s)	15,8	13	19,6	16	13
SPEED (km/h; at 1000 rpm)					
In 1st gear	6,92	7,2	8,3	8,1	7,9
In 2nd gear	12,59	13	15,2	14,7	15,2
In 3rd gear	18,51	19,1	23,5	22,7	22,3
In 4th gear	25,05	24,3	32	30,9	30,3
In 5th gear	31,43	29,9	41,1	40,7	38,7
In 6th gear	-	-	-	-	46,2
In reverse gear	7,27	7,5	8,8	8,5	8
FUEL CONSUMPTION					
CO2 emissions (g/km)	192	191	138	140	146
Urban cycle (l/100 km)	10,6	10,6	5,8	5,9	6,4
Extra-urban cycle (l/100 km)	6,7	6,3	4,9	5	5
Average consumption (l/100 km)	8,1	7,9	5,2	5,3	5,5
Fuel tank capacity (l)	60	60	60	60	60
WEIGHTS (kg)					
Weight of empty vehicle ready to drive (without options)	1337	1398	1389	1389	1430
Maximum authorised total mass	1923	1924	1954	1954	1944
Maximum authorized total mass with trailer	2933	2974	2956	2964	2994
Load capacity	586	526	565	565	514
Weight of braked trailer	737	737	732	732	750
Weight of trailer not braked	1010	1050	1002	1010	1050

Versions with "INCREASED CAPACITY"

Trade name of the engine version	1,6 16V 105	1,5 dCi 85	1,5 dCi 105
SUSPENSION AND WHEELS			
rear suspension	rear torsion axle	rear torsion axle	rear torsion axle
tyres	195/65 R15 LI95	195/65 R15 LI95	195/65 R15 LI95
SPEED (km/h; at 1000 rpm)			
In 1st gear	7,2	8,3	7,9
In 2nd gear	13	15,2	15,2
In 3rd gear	19,1	23,5	22,3
In 4th gear	24,3	32	30,3
In 5th gear	29,9	41,1	38,7
In 6th gear	-	-	46,2
In reverse gear	7,5	8,8	8
WEIGHTS (kg)			
Weight of empty vehicle ready to drive (without options)	1372	1388	1415
Maximum authorised total mass	2074	2097	2119
Maximum authorized total mass with trailer	3124	3147	3169
Load capacity	702	709	704
Weight of braked trailer	724	732	745
Weight of trailer not braked	1050	1050	1050

¹ The maximum power is defined in kW, the power in hp results from the conversion of kW and is rounded