

# Technical data of New Kangoo Express

2009-05-25

## Versions with STANDARD LOADING CAPACITY

Trading name of 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	2	2	2	2	2
<b>ENGINE</b>					
Engine type	K7M	K4M	K9K	K9K	K9K
Swept capacity (cm <sup>3</sup> )	1 598	1 598	1 461	1 461	1 461
Fuel injection type	multipoint	multipoint	direct (turbo) Common Rail	direct (turbo) Common Rail	direct (turbo) Common Rail
Fuel type	Engine	Engine	Diesel oil	Diesel oil	Diesel oil
Number of cylinders	4	4	4	4	4
Number of valves	8	16	8	8	8
Maximum power kW UE (HP DIN) /rev/min (1)	<b>64</b> (90)	<b>78</b> (105)	<b>50</b> (68)	<b>63</b> (85,5)	<b>78</b> (106)
Max torque Nm UE (revmin)	128 (3750)	148 (3750)	160 (1700)	200 (1900)	240 (2000)
<b>GEARBOX</b>					
Type	JR5	JR5	JR5	JR5	TL4
Number of forward gears	5	5	5	5	6
<b>DRIVE UNIT</b>					
Type of drive	Front	Front	Front	Front	Front
<b>STEERING</b>					
turning diameter between kerbs	10,7	10,7	10,7	10,7	10,7
number of steering-wheel turns	3,2	3,2	3,2	3,2	3,2
<b>SUSPENSION AND WHEELS</b>					
rear suspension	rear turning-axle	rear turning-axle	rear turning-axle	rear turning-axle	rear turning-axle
tyres	195/65 R15 LI91	195/65 R15 LI91	195/65 R15 LI91	195/65 R15 LI91	195/65 R15 LI91
<b>UKŁAD HAMULCOWY</b>					
Front disc brakes (mm)	280	280	280	280	280
Rear disc brakes (mm)	274	274	274	274	274
<b>PERFORMANCE</b>					
Maximum speed (km/h)	158	170	146	158	170
0 - 100 km/h from block start (sec)	15,8	13,0	20,3	16,0	13,0
<b>SPEED (km/h; by 1000 rev./min.)</b>					
In 1 <sup>st</sup> gear	6,9	7,2	7,4	8,1	7,9
In 2 <sup>nd</sup> gear	12,6	13,0	13,5	14,7	15,2
In 3 <sup>rd</sup> gear	19,5	19,1	20,8	22,7	22,3
In 4 <sup>th</sup> gear	26,6	24,3	28,3	30,9	30,3
In 5 <sup>th</sup> gear	31,4	29,9	36,4	40,7	38,7
In 6 <sup>th</sup> gear	-	-	-	-	46,2
in reverse gear	6,5	7,5	7,8	8,5	8,0
<b>FUEL CONSUMPTION</b>					
CO2 emission (g/km)	194	186	140	137	142
Urban cycle (l/100 km)	10,9	10,4	5,9	5,8	6,3
Extra urban-cycle (l/100 km)	6,7	6,1	5,0	4,9	4,9
Average consumption (l/100 km)	8,2	7,7	5,3	5,2	5,4
Fuel tank capacity (l)	60	60	60	60	60
<b>WEIGHT (kg)</b>					
Empty vehicle weight, prepared to go (without option)	1213	1248	1251	1251	1287
Total permissible weight	1880	1917	1918	1918	1952
Total permissible weight with trailer	2930	2967	2968	2968	3002
Loading capacity	<b>650</b>	<b>650</b>	<b>650</b>	<b>650</b>	<b>650</b>
Weight of a trailer with a brake	605	620	620	625	640
Weight of a trailer without a brake	1050	1050	1050	1050	1050

## Versions with "EXTENDED LOADING CAPACITY"

Trading name of engine version	1,6 16V 105	1,6 16V 105	1,5 dCi 70	1,5 dCi 85	1,5 dCi 85
<b>SUSPENSION AND WHEELS</b>					
rear suspension	rear turning-axle	rear turning-axle	rear turning-axle	rear turning-axle	rear turning-axle
tyres	195/65 R15 LI95	195/65 R15 LI95	195/65 R15 LI95	195/65 R15 LI95	195/65 R15 LI95
<b>SPEED (km/h; by 1000 rev./min.)</b>					
In 1 <sup>st</sup> gear	6,3	7,2	7,4	8,1	7,9
In 2 <sup>nd</sup> gear	11,5	13,0	13,5	14,7	15,2
In 3 <sup>rd</sup> gear	17,8	19,1	20,8	22,7	22,3
In 4 <sup>th</sup> gear	24,2	24,3	28,3	30,9	30,3
In 5 <sup>th</sup> gear	31,1	29,9	36,4	40,7	38,7
In 6 <sup>th</sup> gear	-	-	-	-	46,2
in reverse gear	7,5	7,5	7,8	8,5	8,0
<b>WEIGHT (kg)</b>					
Empty vehicle weight, prepared to go (without option)	1222	1254	1257	1258	1294
Total permissible weight	2034	2074	2077	2077	2109
Total permissible weight with trailer	2930	3124	3127	3127	3159
Loading capacity	<b>800</b>	<b>800</b>	<b>800</b>	<b>800</b>	<b>800</b>
Weight of a trailer with a brake	610	625	625	625	645
Weight of a trailer without a brake	896	1050	1050	1050	1050

<sup>1</sup> Maximum power is determined in kW, power in HP is a result of calculations of kW and it is rounded