

NEO KIA STONIC – ΤΕΧΝΙΚΑ ΧΑΡΑΚΤΗΡΙΣΤΙΚΑ

Engines

Gasoline

1.0-litre / 120 ps T-GDI gasoline

Type	Three-cylinder in-line, turbocharged
Capacity	1.0-litres, 998 cc
Bore and stroke	71.0 x 84.0 mm
Compression ratio	10.0:1
Max power	120 ps (88 kW) @ 6,000 rpm
Max torque	172 Nm (127 lb ft) @ 1,500~4,000 rpm
Valves	12 (four per cylinder)
Fuel system	Direct injection
Emissions class	Euro Stage 6b

1.25-litre / 84 ps MPI gasoline

Type	Four-cylinder in-line, naturally-aspirated
Capacity	1.25-litres, 1,248 cc
Bore and stroke	71.0 x 78.8 mm
Compression ratio	10.5:1
Max power	84 ps (62 kW) @ 6,000 rpm
Max torque	122 Nm (90 lb ft) @ 4,000 rpm
Valves	16 (four per cylinder)
Fuel system	Multi-point injection
Emissions class	Euro Stage 6b

1.4-litre / 100 ps MPI gasoline

Type	Four-cylinder in-line, naturally-aspirated
Capacity	1.4-litres, 1,368 cc
Bore and stroke	72.0 x 84.0 mm
Compression ratio	10.5:1
Max power	100 ps (74 kW) @ 6,000 rpm
Max torque	133 Nm (98 lb ft) @ 4,000 rpm
Valves	16 (four per cylinder)
Fuel system	Multi-point injection
Emissions class	Euro Stage 6b

Diesel

1.6-litre / 110 ps CRDi diesel

Type	Four-cylinder in-line, turbocharged
Capacity	1.6-litres, 1,582 cc
Bore and stroke	77.2 x 84.5
Compression ratio	16.0:1
Max power	110 ps (81 kW) @ 4,000 rpm
Max torque	260 Nm (192 lb ft) @ 1,500~2,750 rpm
Valves	16 (four per cylinder)
Fuel system	Common-rail direct injection
Emissions class	Euro Stage 6b

Transmissions

Five-speed manual transmission

Gasoline 1.25 MPI

Six-speed manual transmission

Gasoline 1.0 T-GDI Gasoline 1.4 MPI Diesel 1.6 CRDi

Gear ratios

	1.0 T-GDI	1.25 MPI	1.4 MPI	1.6 CRDi
1	3.615	3.909	3.769	3.636 / 3.615*
2	1.955	2.167	2.045	1.962
3	1.286	1.346	1.370	1.257
4	0.971	1.065	1.036	0.905
5	0.794	0.861	0.839	0.702
6	0.667	---	0.703	0.596
Reverse	3.700	3.636	3.700	3.583
Final drive	4.400 / 4.563*	4.438	4.400 / 4.563*	3.941 / 4.188*

*15- / 17-inch wheels

Drivetrains

Front-wheel drive (all models)

Suspension and damping

Front	Fully-independent by subframe-mounted MacPherson struts, coil springs and gas-filled shock absorbers, with anti-roll stabiliser bar
Rear	Semi-independent by CTBA (coupled torsion beam axle), coil springs and gas-filled shock absorbers, with anti-roll stabiliser bar

Steering

Type	Electric motor-driven rack-and-pinion power steering
Steering ratio	14.1:1
Turns (lock-to-lock)	2.52
Turning circle	10.4 metres

Wheels and tyres

Standard	Steel 15-inch, 185/65 R15 tyres
Optional	Alloy 15-inch, 185/65 R15 tyres Alloy 17-inch, 205/55 R17 tyres
Spare	Tyre mobility kit or optional temporary spare wheel

Brakes

Front	280 mm, ventilated disc
Rear	262 mm, solid disc

Dimensions (mm)

Exterior

Overall length	4,140	Overall width*	1,760
Overall height	1,500 / 1,520**	Wheelbase	2,580
Front overhang	830	Rear overhang	730
Ground clearance	165 / 183***		

*excluding door mirrors

**including roof rails, 15- / 17-inch wheels

***15- / 17-inch wheels

Interior

	1 st row	2 nd row
Head room	996	975
Leg room	1,070	850
Shoulder room	1,375	1,355
Hip room	1,344	1,330

Capacities

Fuel tank	45 litres
Luggage (VDA)	352 litres
	1,155 litres (rear seats folded)

Weights (kg)

	1.0 T-GDI	1.25 MPI	1.4 MPI	1.6 CRDi
Curb weight	1,185	1,145	1,160	1,255
Gross weight	1,640	1,600	1,610	1,700
Tow load, braked	1,110	910	1,000	1,110
Tow load, unbraked	450	450	450	450

Performance

	1.0 T-GDI	1.25 MPI	1.4 MPI	1.6 CRDi
Top speed (kph)	184	165	172	175
Acceleration, 0-100 kph	10.3	13.2	12.6	11.3

Fuel efficiency and emissions – NEDC

<u>Economy (L/100km)</u>	1.0 T-GDI	1.25 MPI	1.4 MPI	1.6 CRDi
15-inch wheels				
- Combined	5.0	5.2	5.5	4.2
- Urban	6.0	6.4	7.0	4.9
- Extra-urban	4.5	4.6	4.6	3.8
17-inch wheels				
- Combined	5.0	---	5.5	4.2
- Urban	6.0	---	7.0	4.9
- Extra-urban	4.5	---	4.6	3.8
<u>CO₂ (g/km), combined</u>	1.0 T-GDI	1.25 MPI	1.4 MPI	1.6 CRDi
15-inch wheels	115	118	125	109
17-inch wheels	115	---	125	109