

06 Technical Data and Dimensions i30 N

<b>GASOLINE: THETA 2.0T-GDI (250PS)</b>	
Type	THETA 2.0 T-GDI, 16-valve MLA, DOHC E-CVVT
Capacity	1998 cc
Bore x stroke	86.0 x 86.0 mm
Compression ratio	9.5
Power	250 PS (184 kW) @ 6000 rpm
Torque	353 Nm @ 1,450 ~ 4000 rpm
Maximum speed (km/h)	250
0-100 km/h (seconds)*	6.4

<b>GASOLINE: THETA 2.0T-GDI with Performance Package (275PS)</b>	
Type	THETA 2.0 T-GDI, 16-valve MLA, DOHC E-CVVT
Capacity	1998 cc
Bore x stroke	86.0 x 86.0 mm
Compression ratio	9.5
Power	275 PS (202 kW) @ 6000 rpm
Torque	353 Nm @ 1,450 ~ 4700 rpm
Maximum speed (km/h)	250
0-100 km/h (seconds)*	6.1

## Transmissions

### Gasoline engines - speeds

Engine	2.0 T-GDI (250 PS)	2.0T-GDI (275 PS)
Manual	6	6

## Gear ratios

	THETA 2.0 T-GDI	
	250PS	275PS
1 <sup>st</sup>	3.083	3.083
2 <sup>nd</sup>	1.931	1.931
3 <sup>rd</sup>	1.696	1.696
4 <sup>th</sup>	1.276	1.276
5 <sup>th</sup>	1.027	1.027
6 <sup>th</sup>	0.854	0.854
Rev.	3.588	3.588
Final drive	4.154 (1/2/R) 3.176 (3/4/5/6)	4.333 (1/2/R) 3.250 (3/4/5/6)

## Suspension

Front	McPherson Strut
Rear	Multi-Link

## Steering

Type	R-MDPS (RACK TYPE MOTOR DRIVEN POWER STEERING)
Steering gear ratio	STD: 12.23 (@360°), PP: 12.31 (@360°)
Turning radius	5.8 metres
Steering wheel turns lock-to-lock	2.14

## Brakes

Front	Disc Type, 17" : STD /18" : OPT (PP)
Rear	Disc Type, 16" : STD /17" : OPT (HAND PARKING)
Master cylinder	Φ23.81
Booster size	10" (LHD,RHD)

## Wheels and tyres

Wheel type	Tyres
7.5Jx18 AL	225/40R18
8.0Jx19 AL	235/35R19

## Dimensions (mm)

### Exterior

Overall length	4335
Overall width	1795
Overall height	STD: 1,451 (18" tyre) / P PKG: 1,447 (19" tyre)
Wheelbase	2650
Front overhang	905
Rear overhang	780
Ground clearance	STD: 136 / P PKG: 132

### Interior

	Front	Rear
Head room	994	977
Leg room	1,073	883
Shoulder room	1,427	1,406

## Capacities (litres)

Fuel tank	50
Luggage space (without rear stiffness bar)	Minimum 395
	Maximum: 1,301
Luggage (with rear stiffness bar)	Minimum: 381
	Maximum: 1,287

**Weights\* (kg)**

	<b>THETA 2.0 T-GDI</b>	
	<b>250PS</b>	<b>275PS</b>
Curb weight	1,400 – 1,480	1,429 – 1,509
Gross vehicle weight	1,950	1,950

*\*Values are tentative targets and not homologated, hence subject to changes.*