

06 Technical Data and Dimensions

Petrol engines

1.0 T-GDi 100 PS (3DR/5DR/Active)	
Type	KAPPA 1.0 T-GDI, 12-valve
Capacity	998 cc
Bore x stroke	71.0 x 84.0 mm
Compression ratio	10.0
Power	100 PS (73.6 kW) @ 4500 rpm
Torque	171,6 Nm @ 1500 ~ 4000 rpm
Maximum speed (km/h)	188 / 182 with 5MT / 7DCT respectively (Active: TBC)
0-100 km/h (seconds)	10.8 / 11.4 with 5MT / 7DCT respectively (Active: TBC)

1.0 T-GDi 120 PS (3DR/5DR/Active: TBC)	
Type	KAPPA 1.0 T-GDI, 12-valve
Capacity	998 cc
Bore x stroke	71.0 x 84.0 mm
Compression ratio	10.0
Power	120 PS (88.3 kW) @ 6000 rpm
Torque	171,6 Nm @ 1500 ~ 4000 rpm
Maximum speed (km/h)	190 (Active: TBC)
0-100 km/h (seconds)	10.2 / 10.5 with 6MT / 7DCT respectively (Active: TBC)

1.2 MPI 75 PS (5DR)	
Type	KAPPA 1.2 MPI, 16-valve
Capacity	1248 cc
Bore x stroke	71.0 x 78.8 mm
Compression ratio	10.5
Power	75 PS (55.2 kW) @ 4500 ~ 6000 rpm
Torque	121.6 Nm @ 4000 rpm
Maximum speed (km/h)	160
0-100 km/h (seconds)	13.6

1.2 MPI 84 PS (3DR/5DR)	
Type	KAPPA 1.2 MPI, 16-valve
Capacity	1248 cc
Bore x stroke	71.0 x 78.8 mm
Compression ratio	10.5
Power	84 PS (61.8 kW) @ 6000 rpm
Torque	121.6 Nm @ 4000 rpm
Maximum speed (km/h)	170
0-100 km/h (seconds)	12.8

1.4 MPI 100 PS (Active)	
Type	KAPPA 1.4 MPI, 16-valve
Capacity	1368 cc
Bore x stroke	72.0 x 84.0 mm
Compression ratio	10.5

Power	100 PS (73.6 kW) @ 6000 rpm
Torque	134.4 Nm @ 3500 rpm
Maximum speed (km/h)	178
0-100 km/h (seconds)	11.9

Transmissions

Petrol engines - speeds

Engine	1.0 T-GDI (100 PS)	1.0 T-GDI (120PS)	1.2 MPI (75/84 PS)	1.4 MPI (100 PS)
Manual	5	6	5	6
DCT	7	7	-	-

Gear ratios

	1.0 T-GDI 5MT (100 PS)	1.0 T-GDI 7DCT (100 PS)	1.0 T-GDI 6MT (120 PS)	1.0 T-GDI 7DCT (120 PS)	1.2 MPI 5MT (75/84 PS)	1.4 MPI 6MT (100 PS)
1 st	3.615	3.813	3.615	3.813	3.727	3.769
2 nd	1.955	2.261	1.955	2.261	2.056	2.045
3 rd	1.207	1.913	1.286	1.913	1.269	1.370
4 th	0.893	1.023	0.971	1.023	0.906	1.036
5 th	0.703	0.791	0.794	0.791	0.719	0.839
6 th	-	0.837	0.667	0.837	-	0.703
7 th	-	0.690	-	0.690	-	-
Reverse	3.545	5.101	3.700	5.101	3.636	3.700
Final drive	3/5DR,+ECO PACK: 3.722 3/5DR: 3.833 Active: 4.059	4.867 (1/2/4/5) 3.650 (3/6/7/R)	3/5DR: 4.059 Active: 4.267	4.867 (1/2/4/5) 3.650 (3/6/7/R)	4.600	3/5DR: 4.267 Active: 4.400

Suspension

Front	McPherson Strut
Rear	CTBA (Coupled Torsion Beam Axle)

Steering

Type	MDPS (Motor driven Power Steering)
Steering Gear ratio	13.9 (Active: 14.8)
Turning radius	5.1 metres
Steering wheel turns lock-to-lock	2.5 (Active: 2.7)

Brakes

Front	Ventilated discs Φ256 (K1.2) Φ280 (K1.0 T-GDI/K1.4 Active)
Rear	Drum : Φ203.2 (K1.2) Solid Discs : Φ262 (K1.2/K1.4 MPI/K1.0 T-GDI)
Master Cylinder	Φ20.64
Booster Size	10" (LHD) 9" (RHD)

Wheels and tyres

Wheel type	Tyres		
	3DR	5DR	Active
6.0Jx15 inch steel	185/65R15	185/65R15	185/65R15
6.0Jx15 inch alloy	185/65R15	185/65R15	185/65R15
6.0Jx16 inch alloy	195/55R16	195/55R16	195/55R16
6.5Jx17 inch alloy	205/45R17	-	205/45R17

Dimensions (mm)
Exterior

	3DR	5DR	Active
Overall length	4,045	4,035	4,065
Overall width	1,730	1,734	1,760
Overall height	1,449	1,474	1,529
Wheelbase	2,570	2,570	2,570
Front overhang	815	815	843
Rear overhang	660	650	652
Ground clearance	140	140	160

Interior

	Front			Rear		
	3DR	5DR	Active	3DR	5DR	Active
Head room	1,015	1,038	1,038	940	978	978
Leg room	1,098	1,098	1,098	794	794	794
Shoulder room	1,377	1,365	1,365	1,337	1,350	1,350

Capacities (litres)

	3DR	5DR	Active
Fuel tank	50	50	50
Luggage with temporary spare wheel (litres)	Minimum 311	Minimum: 301	Minimum: 301
	Maximum 986	Maximum 1,017	Maximum 1,017
Luggage with TMK (litres)	Minimum 336	Minimum: 326	Minimum: 326
	Maximum 1.011	Maximum 1,042	Maximum 1,042

Weights (kg)**

	5DR Petrol					
	1.0 T-GDI (100 PS)		1.0 T-GDI (120 PS)		1.2 MPI (75 PS)	1.2 MPI (84 PS)
	5MT	7DCT	6MT	7DCT	5MT	5MT
Curb weight	1.065	1.110	1.070	1.110	980	980
	-	-	-	-	-	-
	1.164	1.250	1.218	1.250	1.158	1.158
Gross vehicle weight	1.600	1.650	1.640	1.650	1.580	1.580

CO₂ Emissions / Fuel Consumption in NEDC conversion

Petrol engines

	Petrol		
Engine	1.0 T-GDI (100 PS)		
Model	3DR/5DR	Active	3DR/5DR/Active
Transmission	5MT	5MT	7DCT
CO ₂ emissions (g/km) urban in NEDC conversion	126 - 135	135 - 139	124 - 136
CO ₂ emissions (g/km) extra-urban NEDC conversion	99 - 106	104 - 109	103 - 107
CO ₂ emissions (g/km) combined in NEDC conversion	109 - 117	115 - 120	111 - 118
Fuel Consumption urban (l/ 100 km) NEDC conversion	5.5 - 5.9	5.9 - 6.1	5.4 - 5.9
Fuel Consumption extra-urban (l/ 100 km) NEDC conversion	4.3 - 4.6	4.5 - 4.8	4.5 - 4.7
Fuel Consumption combined (l/ 100 km) NEDC conversion	4.8 - 5.1	5.0 - 5.2	4.8 - 5.2

	Petrol			
Engine	1.0 T-GDI (120 PS)			
Model	3DR/5DR	Active	3DR/5DR	Active
Transmission	6MT	6MT	7DCT	7DCT
CO ₂ emissions (g/km) urban in NEDC conversion	136 - 141	141 - 148	128 - 136	128 - 136
CO ₂ emissions (g/km) extra-urban in NEDC conversion	101 - 106	104 - 111	106 - 112	106 - 112
CO ₂ emissions (g/km) combined in NEDC conversion	114 - 119	118 - 125	114 - 121	114 - 121
Fuel Consumption urban (l/ 100 km) in NEDC conversion	5.9 - 6.2	6.2 - 6.5	5.6 - 5.9	5.6 - 5.9
Fuel Consumption extra-urban (l/ 100 km) in NEDC conversion	4.4 - 4.6	4.6 - 4.9	4.6 - 4.9	4.6 - 4.9

Fuel Consumption combined (l/ 100 km), in NEDC conversion	5.0 – 5.2	5.2 – 5.5	5.0 – 5.3	5.0 – 5.3
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Engine	Petrol		
	1.2 MPI (75 PS)	1.2 MPI (84 PS)	1.4 MPI (100 PS)
Model	5DR	3DR/5DR	Active
Transmission	5MT	5MT	7DCT
CO ₂ emissions (g/km) urban in NEDC conversion	160 – 164	152 – 162	160 – 161
CO ₂ emissions (g/km) extra-urban in NEDC conversion	111 – 113	103 – 114	117 – 121
CO ₂ emissions (g/km) combined in NEDC conversion	129 – 132	121 – 132	133 – 136
Fuel Consumption urban (l/ 100 km) in NEDC conversion	7.0 – 7.2	6.6 – 7.1	7.0 – 7.0
Fuel Consumption extra-urban (l/ 100 km) in NEDC conversion	4.8 – 4.9	4.5 – 5.0	5.1 – 5.3
Fuel Consumption combined (l/ 100 km) in NEDC conversion	5.6 – 5.8	5.3 – 5.8	5.8 – 5.9

*CO₂ emissions and fuel consumption based on current WLTP testing converted to NEDC.

**Manufacturer's estimates

About Hyundai Motor Europe

In 2017, Hyundai Motor achieved registrations of 523,258 vehicles in Europe – an increase of 3.5 per cent compared to 2016. By mid-2018, Hyundai will have replaced 90 per cent of its model line-up to create the youngest car range in Europe. 75 per cent of the vehicles Hyundai sold in the region are models designed, engineered, tested and built in Europe to meet the needs of European customers, served by the company's extensive European infrastructure. This includes two factories in the Czech Republic and Turkey, which have a combined annual capacity of 600,000 units. Hyundai Motor sells cars in 31 European countries through 2,500 outlets.

Hyundai Motor offers its unique Five Year Unlimited Mileage Warranty package with all new cars sold in the region, providing customers with a five-year warranty with no mileage limit, five years of roadside assistance and five years of vehicle health checks.

More information about Hyundai Motor Europe and its products is available at www.hyundai.news.

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About Hyundai Motor

Established in 1967, Hyundai Motor Company is committed to becoming a lifetime partner in automobiles and beyond. The company leads the Hyundai Motor Group, an innovative business structure capable of circulating resources from molten iron to finished cars. Hyundai Motor has eight manufacturing bases and seven design & technical centers worldwide and in 2017 sold 4.5 million vehicles globally. With more than 110,000 employees worldwide, Hyundai Motor continues to enhance its product line-up with localized models and strives to strengthen its leadership in clean technology, starting with the world's first mass-produced hydrogen-powered vehicle, ix35 Fuel Cell and IONIQ, the world's first model with three electrified powertrains in a single body type.