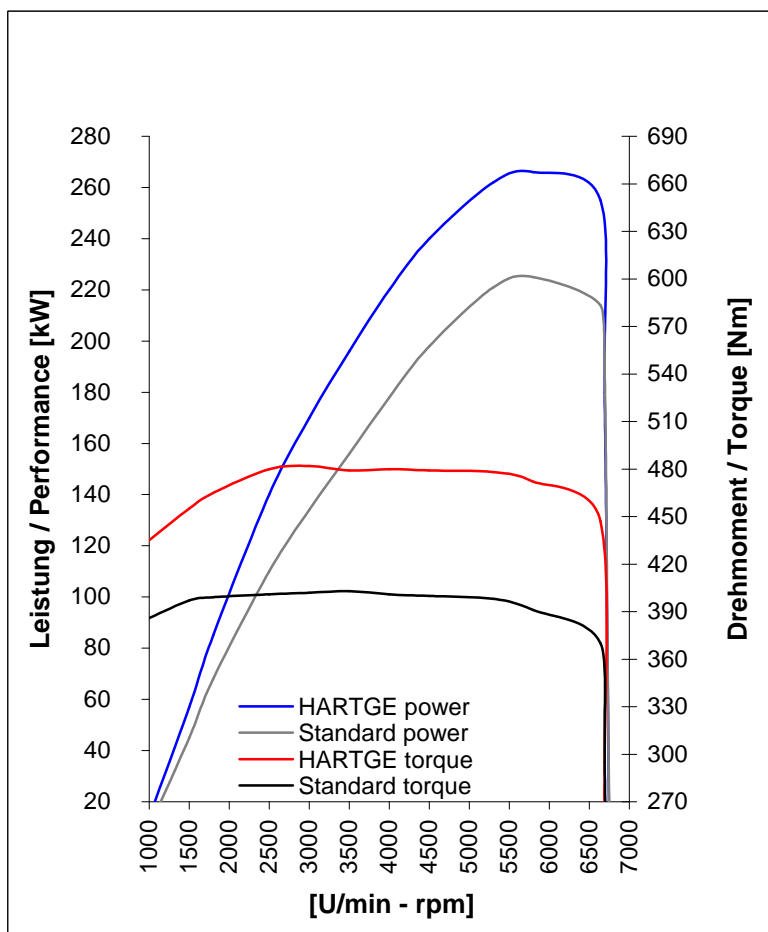


## HARTGE engine conversion Performance and engine diagram



**HARTGE engine conversion 11 35 2306  
BMW F07 535i (based on 225 kW / 306 hp)**



**HARTGE engine conversions are tested  
on the test bench and race track**

Engine	HARTGE	Standard
Cylinders/valves	6 / 4	6 / 4
Displacement (cc)	2979	2979
Stroke/bore (mm)	89.6 / 84.0	89.6 / 84.0
Max output (kW/hp/rpm)	266 (362) / 5660	225 (306) / 5800
Max torque (Nm/rpm)	480 / 2950	400 / 1200 - 5000
Compression ratio :1	10.2	10.2
Fuel	Super Plus	Super Plus

Emissions/eurocode/fuel consumption	HARTGE	Standard
CO2 emissions (g/km)	209	209
Eurocode	Euro 5	Euro 5
Fuel consumption	approx. 0.5 litre less consumption	

Acceleration	Difference	HARTGE	Standard
80 - 180 km/h (sec)		**	**
0 - 200 km/h (sec)	- 3.64 s	20.25 s	23.89 s
Top speed		250 km/h	250 km/h

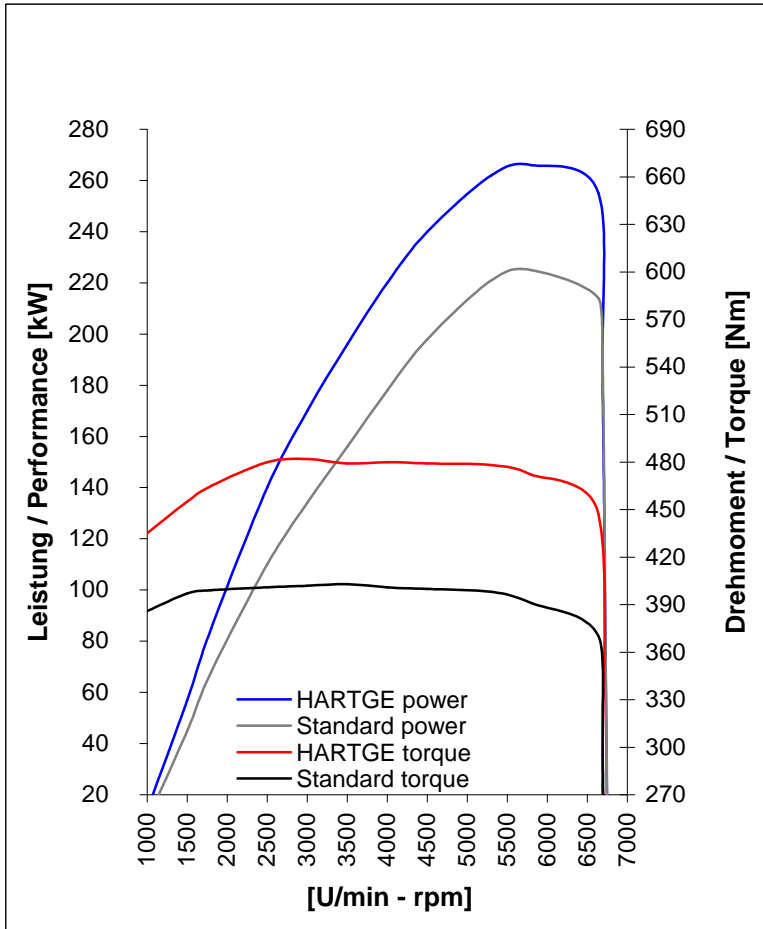
\*\* no performance figures available

*-Technical data subject to alterations-*

*Performance figures can vary which is based on the vehicle model e.g. weight, equipment, wheel/tire combination etc.*

**HARTGE is approved as an automobile manufacturer by the KBA (German Government Motor Vehicle Authority) since 1985  
HERBERT HARTGE GmbH & Co. KG \* An der B 51 \* D-66701 Beckingen \* Germany  
Phone: 0049 6835 506-0 \* Fax 0049 6835 506-17 \* www.hartge.de**

## HARTGE engine conversion Performance and engine diagram



**HARTGE engine conversion 11 35 2306  
BMW F07 535i xDrive (based on 225 kW / 306 hp)**



**HARTGE engine conversions are tested  
on the test bench and race track**

Engine	HARTGE	Standard
Cylinders/valves	6 / 4	6 / 4
Displacement (cc)	2979	2979
Stroke/bore (mm)	89.6 / 84.0	89.6 / 84.0
Max output (kW/hp/rpm)	266 (362) / 5660	225 (306) / 5800
Max torque (Nm/rpm)	480 / 2950	400 / 1200 - 5000
Compression ratio :1	10.2	10.2
Fuel	Super Plus	Super Plus

Emissions/eurocode/fuel consumption	HARTGE	Standard
CO2 emissions (g/km)	216	216
Eurocode	Euro 5	Euro 5
Fuel consumption	approx. 0.5 litre less consumption	

Acceleration	Difference	HARTGE	Standard
80 - 180 km/h (sec)		**	**
0 - 200 km/h (sec)	- 3.60 s	20.45 s	24.05 s
Top speed		250 km/h	250 km/h

\*\* no performance figures available

*-Technical data subject to alterations-*

*Performance figures can vary which is based on the vehicle model e.g. weight, equipment, wheel/tire combination etc.*

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