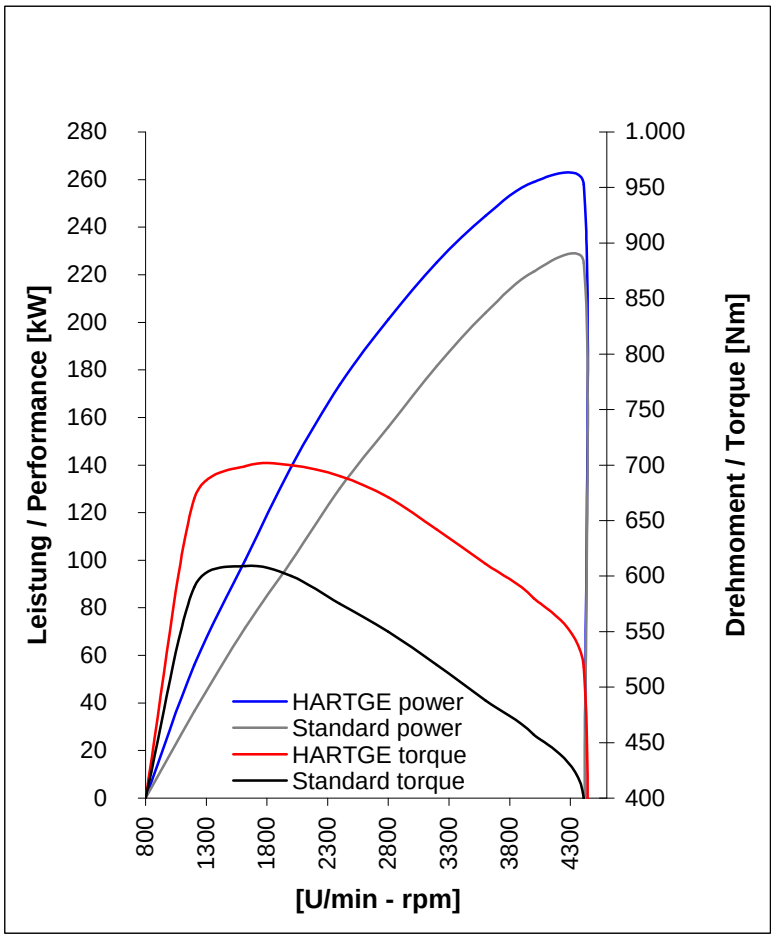
HARTGE engine conversion
Performance and engine diagram



HARTGE engine conversion 11 40 0306
BMW F01 740d (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)	2993	2993
Stroke/bore (mm)	90.0 / 84.0	90.0 / 84.0
Max output (kW/hp/rpm)	260 (354) / 4400	225 (306) / 4400
Max torque (Nm/rpm)	700 / 1800	600 / 1500 - 2000
Compression ratio :1	16.5	16.5
Fuel	Diesel	Diesel

Emissions/eurocode/fuel consumption	HARTGE	Standard
CO2 emissions (g/km)	181	181
Eurocode	Euro 5	Euro 5
Fuel consumption	approx. 0.5 litre less consumption	

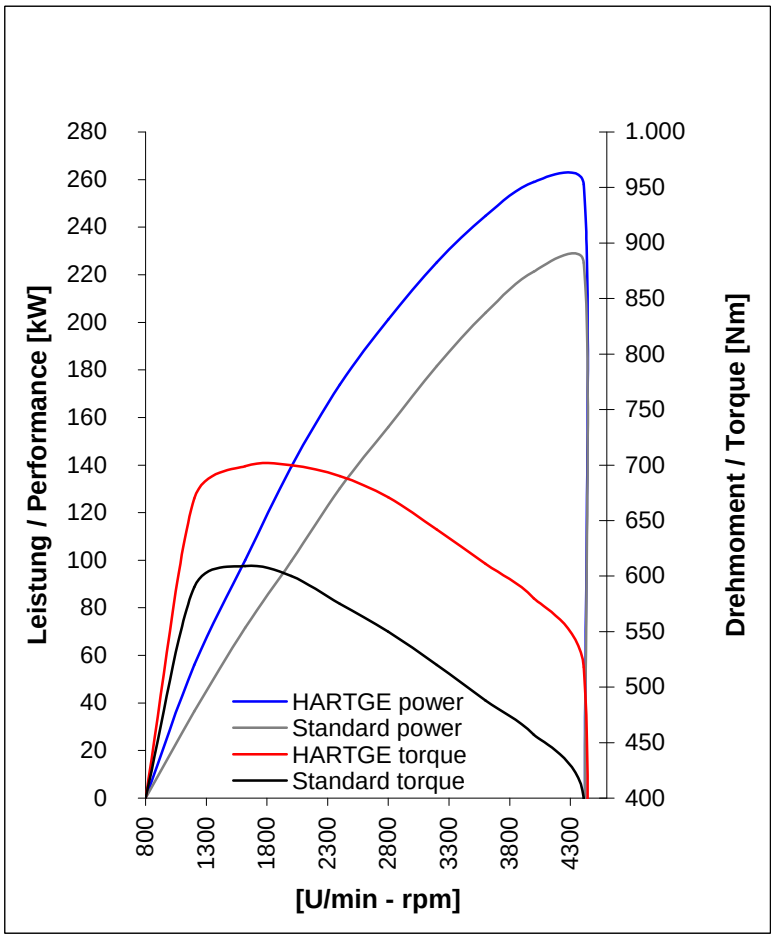
Acceleration	Difference	HARTGE	Standard
80 - 180 km/h (sec)	- 3.52 s	14.15 s	17.67 s
0 - 200 km/h (sec)	- 6.36 s	21.87 s	28.23 s
Top speed		250 km/h	250 km/h

-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 40 0306
BMW F01 740d 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)	2993	2993
Stroke/bore (mm)	90.0 / 84.0	90.0 / 84.0
Max output (kW/hp/rpm)	260 (354) / 4400	225 (306) / 4400
Max torque (Nm/rpm)	700 / 1800	600 / 1500 - 2000
Compression ratio :1	16.5	16.5
Fuel	Diesel	Diesel

Emissions/eurocode/fuel consumption	HARTGE	Standard
CO2 emissions (g/km)	183	183
Eurocode	Euro 5	Euro 5
Fuel consumption	approx. 0.5 litre less consumption	

Acceleration	Difference	HARTGE	Standard
80 - 180 km/h (sec)	- 3.62 s	13.30 s	16.92 s
0 - 200 km/h (sec)	- 6.25 s	22.67 s	28.92 s
Top speed		250 km/h	250 km/h

-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