



## **Engine Description 2.020**

### **2,1-4 valve engine (basis BMW M42/M44)**

#### **for the following BMW models:**

BMW E36 318ti, is saloon, coupé, compact

BMW Z3 1,9

manual and automatic gearbox

#### **modifications to standard engine / scopes of delivery:**

1 crankshaft

4 pistons

4 connecting rods

1 cylinder head gasket

#### **technical engine dates:**

cylinders	4
bore	85,00 mm
stroke	90,00 mm
effective capacity	2042 ccm
compression ratio	9,7

#### **engine power M42/M44:**

max. HP 170 HP/6100 min-1 (BMW 318ti series 140 HP/6000 min-1)

max. torque 210 Nm/4600 min-1 (BMW 318ti series 180 Nm/4300 min-1)

(The engine has to be factory standard)

#### **maximum speed:**

all cars plus 13 km/h in comparison to series