

01-0010 Engine and model survey

| Engine ¹⁾ | Model | | Sales designation | Output in kW at rpm | Displace- ment in ccm | Compression ε . 1 |
|----------------------|-----------------------|---------------------------|-------------------|------------------------|-----------------------------|----------------------|
| 104.941 HFM-SFI | 202.028 | C 280 | Sedan | 142/5500 | 2799 | 10.0 |
| 104.941 HFM-SFI | 202.028 | C36 AMG | Sedan | 206/5750 | 3606 | 10.5 |
| 104.942 HFM-SFI | 124.008 | E 280 ²⁾ | LWB ch. | 142/5500 ³⁾ | 2799 | 9.2 |
| 104.942 HFM-SFI | 124.028 | E 280 ²⁾ | Sedan | 142/5500 ³⁾ | 2799 | 9.2 |
| 104.942 HFM-SFI | 124.029 | F 280 ²⁾ | Sedan LWB | 142/5500 ³⁾ | 2799 | 9.2 |
| 104.942 HFM-SFI | 124.088 ⁴⁾ | E 280 ²⁾ | T-model | 142/5500 ³⁾ | 2799 | 9.2 |
| 104.943 HFM-SFI | 129.058 ⁴⁾ | SL 280 | Roadster | 142/5500 | 2799 | 10.0 |
| 104.944 HFM-SFI | 140.028 ⁴⁾ | S 280 | Sedan | 142/5500 ³⁾ | 2799 | 10.0 |
| 104.945 HFM-SFI | 210.053 | E 280 | Sedan | 138/5500 | 2799 | 10.0 |
| 104.980 CFI | 124.031 | 300E-24 | Sedan | 170/6200 | 2960 | 10.0 |
| 104.980 CFI | 124.031 | E 3.4 AMG | Sedan | 200/6500 | 3314 | 10.5 |
| 104.980 CFI | 124.051 | 300 CE-24 | Coupé | 170/6200 | 2960 | 10.0 |
| 104.980 CFI | 124.051 | CE 3.4 AMG | Coupé | 200/6500 | 3314 | 10.5 |
| 104.980 CFI | 124.061 | 300 E-24 | Conv. | 170/6200 | 2960 | 10.0 |
| 104.980 CFI | 124.091 | 300 TE 24 | T-model | 170/6200 | 2960 | 10.0 |
| 104.980 CFI | 124.091 | TE 3.4 AMG | T-model | 200/6500 | 3314 | 10.5 |
| 104.981 CFI | 129.061 | 300 SL 24 | Roadster | 170/6200 | 2960 | 10.0 |
| 104.990 LH-SFI | 140.032 | 300 SE 3.2 ²⁾ | Sedan | 170/6200 | 3199 | 10.0 |
| 104.990 LH-SFI | 140.033 | 300 SEL 3.2 ²⁾ | Sedan LWB | 170/6200 | 3199 | 10.0 |
| 104.991 HFM-SFI | 129.063 | SL 320 | Roadster | 162/6200 | 3199 | 10.0 |
| 104.992 HFM-SFI | 124.032 | E 320 ²⁾ | Sedan | 162/5500 | 3199 | 9.2 |
| 104.992 HFM-SFI | 124.052 | E 320C ²⁾ | Coupé | 162/5500 | 3199 | 9.2 |
| 104.992 HFM-SFI | 124.052 | E 36 AMG | Coupé | 200/5750 | 3606 | 10.5 |
| 104.992 HFM-SFI | 124.066 | E 320 ²⁾ | Conv. | 162/5500 | 3199 | 9.2 |
| 104.992 HFM-SFI | 124.066 | F 36 AMG | Conv. | 200/5750 | 3606 | 10.5 |

HFM-SFI = HFM sequential multiport fuel injection /ignition system

CFI = Continuous fuel injection system, electronic

LH-SFI = LH sequential multiport fuel injection system

¹⁾ Optional low compression 12.278 or 0.12 496

Optional emissions control 012.458

²⁾ Sales designation revised as of 07/1993

³⁾ Up to 04/1993 with 145 kW standard, HFM CC11 Motronic control unit was HFM CC02.

⁴⁾ Also as RHS model

| Engine ¹⁾ | Model | Sales designation | Output in kW at rpm | Displace- ment in ccm | Compression ε : 1 | |
|----------------------|---------|--------------------|------------------------|-----------------------------|----------------------|------|
| 104.992 HFM-SFI | 124.092 | E320 ²⁾ | S. W. | 162/5500 | 3199 | 9.2 |
| 104.992 HFM-SFI | 124.092 | E36T AMG | S. W. | 200/5750 | 3606 | 10.5 |
| 104.994 HFM-SFI | 140.032 | S 320 | Sedan | 162/5500 | 3199 | 10.0 |
| 104.994 HFM-SFI | 140.033 | S 320 | Sedan LWB | 162/5500 | 3199 | 10.0 |
| 104.995 HFM SFI | 210.055 | E 320 | Sedan | 162/5500 | 3199 | 10.0 |
| 104.996 HFM-SFI | 463.2 | 320 GE | CCV | 155/5500 | 3199 | 9.2 |

HFM-SFI = HFM sequential multipoint fuel injection system

CFI = Continuous fuel injection system, electronic

LH-SFI = LH sequential multipoint fuel injection system

¹⁾ Optional low compression 12.2/6 or 0³⁾ 2.496

Optional emissions control 012 458

²⁾ Sales designation revised as of 07/1993

³⁾ Up to 04/1993 with 145 kW standard, FM 0011 Motronic control unit, was HM 0002.

⁴⁾ Also as RHS model

Compression pressure

| Number | Designation | | Engine 103.984 with $\epsilon=9.2$ | Engine 104.941/ 943/944/981/ 990/991/994 mit $\epsilon=10$ |
|--------------------|--|----------|---------------------------------------|---|
| BE01 00 P-1001-01C | Compression pressure installation tolerance or value when new | bar gage | 10-12 | 13.5-15.5 |
| BE01 00 P-1002-01C | Compression pressure wear limit or limit value | bar gage | 9.5 | 8.2 |
| BE01 00 P-1003-01C | Compression pressure permissible difference between individual cylinders | bar gage | 1.5 | 1.5 |

Compression pressure

| Number | Designation | | Engine 119.960/ 970/971/972 with $\epsilon=10$ | Engine 120 with $\epsilon=8.0$ |
|--------------------|--|----------|--|-----------------------------------|
| BE01 00 P-1001-01C | Compression pressure installation tolerance or value when new | bar gage | 13.5-15.5 | 13.0 |
| BE01 00 P-1002-01C | Compression pressure wear limit or limit value | bar gage | 8.2 | 6.0 |
| BE01 00 P-1003-01C | Compression pressure permissible difference between individual cylinders | bar gage | 1.5 | 1.5 |

Compression pressure

| Number | Designation | | Engine 120 (fuel optimized) with $\epsilon=10.0$ |
|--------------------|--|----------|--|
| BE01 00 P-1001-01C | Compression pressure installation tolerance or value when new | bar gage | 14.0 |
| BE01 00 P-1002-01C | Compression pressure wear limit or limit value | bar gage | 10.0 |
| BE01 00 P-1003-01C | Compression pressure permissible difference between individual cylinders | bar gage | 1.5 |