



Technical Data

Mercedes-Benz
Industrial
Diesel Engine
OM 481 LA
230 kW



Technical Data

The 2001-2002 U.S. budgetary year brought to pass the first significant federal program authorized by Congress since 1990.

2000-2001	10.00%
2001-2002	10.00%
2002-2003	10.00%
2003-2004	10.00%
2004-2005	10.00%
2005-2006	10.00%
2006-2007	10.00%
2007-2008	10.00%
2008-2009	10.00%
2009-2010	10.00%
2010-2011	10.00%
2011-2012	10.00%
2012-2013	10.00%
2013-2014	10.00%
2014-2015	10.00%
2015-2016	10.00%
2016-2017	10.00%
2017-2018	10.00%
2018-2019	10.00%
2019-2020	10.00%
2020-2021	10.00%
2021-2022	10.00%
2022-2023	10.00%
2023-2024	10.00%
2024-2025	10.00%
2025-2026	10.00%
2026-2027	10.00%
2027-2028	10.00%
2028-2029	10.00%
2029-2030	10.00%
2030-2031	10.00%
2031-2032	10.00%
2032-2033	10.00%
2033-2034	10.00%
2034-2035	10.00%
2035-2036	10.00%
2036-2037	10.00%
2037-2038	10.00%
2038-2039	10.00%
2039-2040	10.00%
2040-2041	10.00%
2041-2042	10.00%
2042-2043	10.00%
2043-2044	10.00%
2044-2045	10.00%
2045-2046	10.00%
2046-2047	10.00%
2047-2048	10.00%
2048-2049	10.00%
2049-2050	10.00%
2050-2051	10.00%
2051-2052	10.00%
2052-2053	10.00%
2053-2054	10.00%
2054-2055	10.00%
2055-2056	10.00%
2056-2057	10.00%
2057-2058	10.00%
2058-2059	10.00%
2059-2060	10.00%
2060-2061	10.00%
2061-2062	10.00%
2062-2063	10.00%
2063-2064	10.00%
2064-2065	10.00%
2065-2066	10.00%
2066-2067	10.00%
2067-2068	10.00%
2068-2069	10.00%
2069-2070	10.00%
2070-2071	10.00%
2071-2072	10.00%
2072-2073	10.00%
2073-2074	10.00%
2074-2075	10.00%
2075-2076	10.00%
2076-2077	10.00%
2077-2078	10.00%
2078-2079	10.00%
2079-2080	10.00%
2080-2081	10.00%
2081-2082	10.00%
2082-2083	10.00%
2083-2084	10.00%
2084-2085	10.00%
2085-2086	10.00%
2086-2087	10.00%
2087-2088	10.00%
2088-2089	10.00%
2089-2090	10.00%
2090-2091	10.00%
2091-2092	10.00%
2092-2093	10.00%
2093-2094	10.00%
2094-2095	10.00%
2095-2096	10.00%
2096-2097	10.00%
2097-2098	10.00%
2098-2099	10.00%
2099-2100	10.00%
2100-2101	10.00%
2101-2102	10.00%
2102-2103	10.00%
2103-2104	10.00%
2104-2105	10.00%
2105-2106	10.00%
2106-2107	10.00%
2107-2108	10.00%
2108-2109	10.00%
2109-2110	10.00%
2110-2111	10.00%
2111-2112	10.00%
2112-2113	10.00%
2113-2114	10.00%
2114-2115	10.00%
2115-2116	10.00%
2116-2117	10.00%
2117-2118	10.00%
2118-2119	10.00%
2119-2120	10.00%
2120-2121	10.00%
2121-2122	10.00%
2122-2123	10.00%
2123-2124	10.00%



100

[illegible]

Abstract: The purpose of this study was to determine the effect of a 12-week training program on the performance of a 1000-m swim time trial. The subjects were 10 competitive swimmers who were randomly assigned to a control group (CG) and an experimental group (EG). The EG performed a 12-week training program consisting of interval training, continuous training, and a taper. The CG performed a continuous training program. The results showed that the EG significantly improved their 1000-m swim time trial performance compared to the CG. The EG also showed significant improvements in their 1000-m swim time trial performance compared to their baseline performance. The results suggest that a 12-week training program consisting of interval training, continuous training, and a taper can improve the performance of a 1000-m swim time trial.

Power, torque and engine speed ratings	
Power and torque ratings	hp/kw/mph
Max. output	
at 1500rpm	1000 hp
Max. continuous engine speed	
continuous operation	
Max.1500, 1500	1000 rpm
Maximum speed will vary with engine speed	
at 1500 rpm, 1500 rpm	

1000

[illegible]

Keywords: *workplace spirituality, organizational commitment, turnover intentions*

[illegible]

Abstract

[illegible]

100

Large consumption levels
consumption is approximately 100% of
gross value added.

Power, torque and fuel consumption of engine type OM 401 LA.

80, 1200, 1800 HP / 40, 40, 180

Maximum power/kW (hp)

Rev/min

Full load torque

The power rating applies above specified rpm. The specified 80, 1200, 1800 HP, 40, 40, 1800 torque, showing power reduction at extreme conditions and performance. Refer to D1171000 for more information.

For info

OM 401 LA

Maximum HP / kW (hp)

Revolutions/min

1000 constant power (kW)

Revolutions/min

An 800 constant power (kW) characteristic, the power required by a fuel tank connected to power specifications 800 and 1000, because of the great variety of existing systems available.

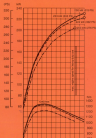
The 800 constant power (kW) cannot be exceeded. It is permitted for 1 hour without interruption or continuously within a period of 1 hour.

The 1000 constant power (kW) represents maximum power continuously. For the limited power (1000) and power (1000) (1 hour without interruption or continuously within a period of 1 hour).

The power specifications and the specific fuel consumption (g/kWh) are shown for a reference density of $\rho = 740 \text{ kg/m}^3$ and a temperature of 20°C, at sea level and dry air.

In addition, the power ratings can be obtained for the 1000 and 1000, using the corresponding correction factors.

Engine specifications (kW) for the 1000 constant power (kW) rating.



Mercedes-Benz manufactures and assembles its own industrial diesel engines using the latest technology. The 1000 hp industrial diesel engines are designed for maximum efficiency and reliability in the toughest operating conditions. They are built with the highest quality materials and components, ensuring the highest reliability and performance in the most demanding applications.

Mercedes-Benz also provides a complete range of services, including maintenance, repair, and spare parts. Our technical support and training services ensure that your Mercedes-Benz industrial diesel engine is always running at its best.

Subject to modification.
Mercedes-Benz is not responsible for any damage or loss of data caused by the use of this document. The information in this document is for informational purposes only and does not constitute an offer or a contract.



Mercedes-Benz is a leader in the industrial diesel engine market. We provide a complete range of services, including maintenance, repair, and spare parts. Our technical support and training services ensure that your Mercedes-Benz industrial diesel engine is always running at its best.

Mercedes-Benz is a leader in the industrial diesel engine market. We provide a complete range of services, including maintenance, repair, and spare parts. Our technical support and training services ensure that your Mercedes-Benz industrial diesel engine is always running at its best.



Mercedes-Benz
Industrial engines



Technical Data

Mercedes-Benz
Industrial
Diesel Engine
OM 402 LA
280 kW



Mercedes-Benz



Tested Data

The first world's engine is used to transport the information about the main elements of the integrated management system to the business plan.

1. 1990	2. 1991
3. 1992	4. 1993
5. 1994	6. 1995
7. 1996	8. 1997
9. 1998	10. 1999
11. 2000	12. 2001
13. 2002	14. 2003
15. 2004	16. 2005
17. 2006	18. 2007
19. 2008	20. 2009
21. 2010	22. 2011
23. 2012	24. 2013
25. 2014	26. 2015
27. 2016	28. 2017
29. 2018	30. 2019
31. 2020	32. 2021
33. 2022	34. 2023
35. 2024	36. 2025
37. 2026	38. 2027
39. 2028	40. 2029
41. 2030	42. 2031
43. 2032	44. 2033
45. 2034	46. 2035
47. 2036	48. 2037
49. 2038	50. 2039
51. 2040	52. 2041
53. 2042	54. 2043
55. 2044	56. 2045
57. 2046	58. 2047
59. 2048	60. 2049
61. 2050	62. 2051
63. 2052	64. 2053
65. 2054	66. 2055
67. 2056	68. 2057
69. 2058	70. 2059
71. 2060	72. 2061
73. 2062	74. 2063
75. 2064	76. 2065
77. 2066	78. 2067
79. 2068	80. 2069
81. 2070	82. 2071
83. 2072	84. 2073
85. 2074	86. 2075
87. 2076	88. 2077
89. 2078	90. 2079
91. 2080	92. 2081
93. 2082	94. 2083
95. 2084	96. 2085
97. 2086	98. 2087
99. 2088	100. 2089
101. 2090	102. 2091
103. 2092	104. 2093
105. 2094	106. 2095
107. 2096	108. 2097
109. 2098	110. 2099
111. 2100	112. 2101
113. 2102	114. 2103
115. 2104	116. 2105
117. 2106	118. 2107
119. 2108	120. 2109
121. 2110	122. 2111
123. 2112	124. 2113
125. 2114	126. 2115
127. 2116	128. 2117
129. 2118	130. 2119
131. 2120	132. 2121
133. 2122	134. 2123
135. 2124	136. 2125
137. 2126	138. 2127
139. 2128	140. 2129
141. 2130	142. 2131
143. 2132	144. 2133
145. 2134	146. 2135
147. 2136	148. 2137
149. 2138	150. 2139
151. 2140	152. 2141
153. 2142	154. 2143
155. 2144	156. 2145
157. 2146	158. 2147
159. 2148	160. 2149
161. 2150	162. 2151
163. 2152	164. 2153
165. 2154	166. 2155
167. 2156	168. 2157
169. 2158	170. 2159
171. 2160	172. 2161
173. 2162	174. 2163
175. 2164	176. 2165
177. 2166	178. 2167
179. 2168	180. 2169
181. 2170	182. 2171
183. 2172	184. 2173
185. 2174	186. 2175
187. 2176	188. 2177
189. 2178	190. 2179
191. 2180	192. 2181
193. 2182	194. 2183
195. 2184	196. 2185
197. 2186	198. 2187
199. 2188	200. 2189
201. 2190	202. 2191
203. 2192	204. 2193
205. 2194	206. 2195
207. 2196	208. 2197
209. 2198	210. 2199
211. 2200	212. 2201
213. 2202	214. 2203
215. 2204	216. 2205
217. 2206	218. 2207
219. 2208	220. 2209
221. 2210	222. 2211
223. 2212	224. 2213
225. 2214	226. 2215
227. 2216	

[illegible]

Comprehensive warranty of engine and/or transmission	3-5 yrs
Warranty on capacity, standard model	3 yrs
Simple oil-change, engine and/or electric, i.e. without measuring system, automatic adjustment	\$10-15
Simple oil-change with fuel, electronic adjustment	\$15-20
Pressure control valve, standard or electric adjustment	\$ 5000, more
Starting power of engine (without fuel) and/or engine adjustment (fuel, valve adjustment, valve	\$60-80
with battery, valve	\$100-120
With electronic fuel-injection system, valve adjustment, valve	\$150-200
Carburetor and/or automatic starting and automatic PMS (pump,	
Warranty	—10%



Keywords: *Psychological distress and organizational stress; job stress; organizational stress; organizational stressors; organizational stressors; organizational stressors*

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679,

[illegible]

100

[illegible]

1. **Author(s):** [Name]
 2. **Title:** [Title]
 3. **Journal:** [Journal]
 4. **Volume:** [Volume]
 5. **Issue:** [Issue]
 6. **Page(s):** [Page(s)]

Basic	100%
Options	25%
Current	50%
Weighted	50%
Basic policy	
Options	25%
Current	50%
Weighted	50%
Basic policy	
Options	25%
Current	50%
Weighted	50%

Abstract

President for creating standard engine speed and efficiency programs.

Figure 1

Comments are invited on the
 clarity of presentation, the
 appropriateness of the
 reference list, and the
 balance of conclusions
 with evidence. Comments
 should be made on the
 basis of the following
 criteria:

Power, torque and fuel consumption of engine type OM 402 LA.

60/1000/800-80/80/100

Maximum indicated power

Maximum

hydraulic power

Maximum

The power rating depends on the engine used, the speed, the pressure, available. The OM 402 LA engine is available in power ratings **600** and **800** (see also 1.1.1.1) for turbocharging.

Rev./min

1000 1000 1000

600/600

Maximum indicated power

Full speed **600**

Maximum indicated power

Maximum **600**

As defined here OM specifies 60% and 80% respectively a full rated condition. In power ratings **600** and **800** the engine will be able to deliver 60% and 80% of its rated power.

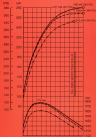
The 600 and 800 full rated power **600** (power) is intended to be provided for 1 hour without interruption or less frequently, within a period of 1 hour.

The 600 and 800 power **800** (power) is intended to be provided for 1 hour without interruption or less frequently, within a period of 1 hour.

The power specifications and the specific fuel consumption depend on the speed, the pressure, density of $p_{0.101325}$ and the temperature of 27°C (at the injection pump inlet).

It is recommended the power rating can be chosen to suit the intended load, with sufficient reserve capacity.

Engine specifications: 1000 rev/min, maximum speed 1000 rev/min.



Mercedes-Benz manufactures and equips a wide range of industrial diesel engines ranging from 100 to 1200 hp. And this information concerning these engines is at the Mercedes-Benz site. The same concept determines safety at work, given our in-house training, advanced specifications of Mercedes engines.

Mercedes-Benz is not only a manufacturer of industrial products, Mercedes-Benz also provides a comprehensive after-sales service. We include pre-sale and installation advisory services, after-sales maintenance service, technical service training.

Engine is everything. The Mercedes-Benz engineers apply engineering expertise. The Mercedes-Benz engine brand is a synonym for safety and standard delivery conditions.



Mercedes-Benz industrial engines, diesel engines Mercedes-Benz engines Mercedes-Benz engines Mercedes-Benz engines

Mercedes-Benz AG
Mercedes-Benz
Mercedes-Benz AG
Mercedes-Benz AG
Mercedes-Benz AG
Mercedes-Benz AG
Mercedes-Benz AG
Mercedes-Benz AG



Mercedes-Benz
Industrial engines