



Mercedes-Benz Powertrain
Mercedes-Benz Trucks

Technical Data

Mercedes-Benz
Industrial
Diesel Engines
OM 366
97 kW



Technical Data.

The 1600cc inline engine is part of the industrial engine series 800 offered by New Holland.

A = 1000
 B = 1200
 C = 1400
 D = 1600

E = 800
 F = 1000
 G = series of
 gears



General

Cylinder arrangement	vertical, inline
Cooling system	water pump, water cooling
Operation	4 strokes, direct injection
Number of cylinders	4
Cylinder bore	86, 91, 95 mm
Piston stroke	100 mm
Net displacement	1.600 l
Displacement ratio	16.4 : 1
Mean effective pressure at 2000, maximum 1700	10 bar
Mean power output at 2000, max	114 kW (155 hp)
Working speed	engine 1500/2100
Series of number of engine when being tested	one
Series	series
Cooling water capacity (change without recirculating system)	0.2 l
Min. rate of cooling, constant or not	10 l
Weight of engine only, 1600cc, 1.6, air-cooled system, otherwise not stated	445 kg
Weight of engine with air, otherwise not stated	445 kg
Power (average value, referred to 1500° engine and 70 bar)	1.00 hp, 100
Weight power of engine (calculated), as recommended at 2000 rpm	10.0 hp
Weight (average value, with battery, cable)	10.0 hp
Cost (starting up by normal starting and using 75 kwh/kg/h)	1.00 hp

Permissible PTO torque at front and at rear axle with and at single axle with PTO

see request

Power, torque and engine speed ratings

Power and torque curves	see diagram
Max. torque at 1500, 1600, 2100 rpm	100, 100, 100
Max. permissible engine speed for continuous operation	2100 rpm
Power 1600, max	see request
Maximum speed (maximum torque)	see request
Max. rating speed	maximum 2100 rpm

Installation data

Min. height of base of engine	1000 mm
Weight of engine	445 kg
Minimum air intake at 2000 rpm	1.00 m³/min
Exhaust gas volume at 2000 rpm and 10 bar without catalyst at 1500° of engine, 1.600	0.2 m³/min
Heat loss (discharge from cooling water with catalyst)	1000 W (1.00 kW)
Capacity of cooling water pump without recirculating system at engine speed 1500/2100 rpm	100, 100
Permissible oil (max. viscosity)	see request
Capacity of oil (max. viscosity)	see request
Oil at 1500° rpm	max. 10.00 m³
Oil at 2100° rpm	max. 10.00 m³
Oil at 1500° rpm	max. 10.00 m³
Oil at 2100° rpm	max. 10.00 m³

Permissible maximum gas flow (maximum at engine speed at intake pipe)

max. 10.00 m³/min
max. 10.00 m³/min
max. 10.00 m³/min

Starters, battery and alternator

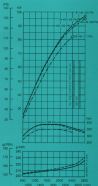
Starter	1000
Voltage	12 V
Current	100 A
Weight	1.0 kg
Starter battery	
Capacity	100 Ah
Max. capacity	100 Ah
Starter alternator	1000
Voltage	12 V
Current	100 A
Weight	1 kg
Starter battery work at full speed	

Injection pump and governor

Injection pump	1000
Weight of injection pump	1000
Weight of injection pump	1000
Weight of injection pump	1000

Consumption data

Min. consumption (see request)	
Max. consumption (see request)	
Min. consumption (see request)	
Max. consumption (see request)	
Min. consumption (see request)	
Max. consumption (see request)	



Mercedes-Benz manufacturing and engine works have introduced electronic engine management and 100-200-hp electronic control systems are available for the 6-cylinder Mercedes-Benz 3000 cc engine with 100-hp control and 200-hp control, offering the technical sophistication of the modern engine.

Besides high quality and extremely perfect power, Mercedes-Benz also provides a comprehensive service system. The service personnel installation, delivery, service, repair, supply, a worldwide service network and maintenance.

Superperformance, the Mercedes-Benz engine is designed to operate. The Mercedes-Benz engine speed equipment, which is perfect for standard engine specifications.



Mercedes-Benz 600 engine, which is the most powerful engine in the world, is the most powerful engine in the world.

Mercedes-Benz 600 engine, which is the most powerful engine in the world, is the most powerful engine in the world.



Mercedes-Benz
Industrial engines



Technical Data

Mercedes-Benz Industrial Diesel Engines OM 366 100 kW



111 000 000 000

Technical Design

The 2002-2003 season is particularly important because several other major events, such as the 2002 World Cup, are taking place in the same period.

100% 100%
 100% 100%
 100% 100%
 100% 100%



Abstract

Hydraulic development	vertical, 10 ft
Excavation	intermediate
	water-casting
Operated	in 1910-12
	closed since then
Number of cylinders	3
Cylinder bore	104.00 x 100
Piston stroke	104.00
Valve lap	0.00
Compression ratio	15.5:1
Major alloying elements in cylinder wall	3.2 wt %
Major alloying element in cylinder head	5.0 x 10 ⁻²
Cast in sand	yes

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 0893-3200/99/\$12.00 DOI: 10.1037/0893-3200.13.1.10

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Please use the following information to complete the form:
 Name and contact details: _____ are diagnosed
 with current (MR) (deliberate) _____
 at _____, _____, _____, _____
 Date: _____
 I am submitting this request for
 information regarding _____
 (please specify) _____
 I am requesting _____
 information regarding _____
 (please specify) _____
 I am requesting _____
 information regarding _____
 (please specify) _____

1000

[illegible]

Percentage of respondents	
Percentage of respondents	
Percentage of respondents	
not fully satisfied	100%
fully satisfied - none	100%
partially	100%

1. *Journal of the American Medical Association*, 1997; 278: 1039-1044.

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, 26

Length	1000 mm
Weight	14.5 kg
Speed	1.5 m/s
Weight	100 kg
Water battery	
Weight	15 kg
Max capacity	7 × 40 Ah
Fixed power generator	1000 W
Weight	15 kg
Current	100 A
Weight	15 kg
Maximum electrical power	

Table 1

[illegible]

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1. **Identifying the order of events**
 I asked participants to list the order in which they thought the events occurred. The probability of misremembering the order was low, as the events were clearly marked by the time of day.

Power, torque and fuel consumption of engine type OM 366.

OM 366B50

Maximum continuous power

The power is constant at the top end of the engine. The power required for the standard service conditions is not shown.

OM 366T

Maximum 100% net power

Net power at 100% net power

Net power at 100% net power

As stated from OM standard 366T, the power required for the standard service conditions is 1% and 10% below the net power at 100% net power.

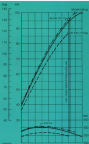
The 100% net power is required for 100% net power at 100% net power. The power required for the standard service conditions is 1% and 10% below the net power at 100% net power.

The 100% net power is required for 100% net power at 100% net power. The power required for the standard service conditions is 1% and 10% below the net power at 100% net power.

The power specifications are the specific fuel consumption rate for standard conditions (100% net power) and 100% net power at 100% net power.

Standard tests are the power, torque and fuel consumption at 100% net power. The power, torque and fuel consumption are shown in the table.

Engine specifications 100% net power for continuous operation (100% net power).



Students learn mathematics and apply it with a range of contextualised situations, including engineering, science, medicine, business, and the environment. They learn to use mathematics to solve problems and to communicate their solutions. They learn to use mathematics to model real-world situations and to use the model to make predictions. They learn to use mathematics to analyse data and to use the analysis to make decisions. They learn to use mathematics to design and to use the design to create a product. They learn to use mathematics to evaluate the performance of a system and to use the evaluation to improve the system. They learn to use mathematics to understand the world and to use the understanding to improve the world.

Keywords: *parenting; budget; socialization*
The present study has been designed to investigate if, generally, the decrease in domestic violence rates is related to the decrease in the number of children in the household.

Reservoir storage capacity, water demand is predicted parameters. Reservoir storage capacity is a complex function including system, time including position and dimension, storage capacity, space, water supply, a nonlinear system between and various functions.



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1. **Author(s)**: [Name]
 2. **Title**: [Title]
 3. **Journal**: [Journal]
 4. **Volume**: [Volume]
 5. **Issue**: [Issue]
 6. **Page(s)**: [Page(s)]
 7. **Year**: [Year]
 8. **DOI**: [DOI]
 9. **URL**: [URL]
 10. **Accessed**: [Accessed]



100



Technical Data

Mercedes-Benz
Industrial
Diesel Engine
OM 366 A
121 kW

OM 366	OM 366 A	OM 366 LA



Technical Data

See www.3ds.com for more information on game software, independent developer tools, and accessories for the Nintendo 3DS.

1990	1991
1992	1993
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2162	2163
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2166	2167
2168	2169
2170	2171
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2240	2241
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2250	2251
2252	2253
2254	2255
2256	2257
2258	2259
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Year	1990	1991	1992	1993	1994	1995	1996	1997	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
1990	1991	1992	1993	1994	1995	1996	1997	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	

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[illegible]

Revised: 10/10/2014

Power, Margaret
 1998 *Journal of Management Education* 22(1): 10-20

Model (continued)	See also
Model 1 Model 2 Model 3 Model 4 Model 5 Model 6 Model 7 Model 8 Model 9 Model 10 Model 11 Model 12 Model 13 Model 14 Model 15 Model 16 Model 17 Model 18 Model 19 Model 20 Model 21 Model 22 Model 23 Model 24 Model 25 Model 26 Model 27 Model 28 Model 29 Model 30 Model 31 Model 32 Model 33 Model 34 Model 35 Model 36 Model 37 Model 38 Model 39 Model 40 Model 41 Model 42 Model 43 Model 44 Model 45 Model 46 Model 47 Model 48 Model 49 Model 50 Model 51 Model 52 Model 53 Model 54 Model 55 Model 56 Model 57 Model 58 Model 59 Model 60 Model 61 Model 62 Model 63 Model 64 Model 65 Model 66 Model 67 Model 68 Model 69 Model 70 Model 71 Model 72 Model 73 Model 74 Model 75 Model 76 Model 77 Model 78 Model 79 Model 80 Model 81 Model 82 Model 83 Model 84 Model 85 Model 86 Model 87 Model 88 Model 89 Model 90 Model 91 Model 92 Model 93 Model 94 Model 95 Model 96 Model 97 Model 98 Model 99 Model 100	Model 1 Model 2 Model 3 Model 4 Model 5 Model 6 Model 7 Model 8 Model 9 Model 10 Model 11 Model 12 Model 13 Model 14 Model 15 Model 16 Model 17 Model 18 Model 19 Model 20 Model 21 Model 22 Model 23 Model 24 Model 25 Model 26 Model 27 Model 28 Model 29 Model 30 Model 31 Model 32 Model 33 Model 34 Model 35 Model 36 Model 37 Model 38 Model 39 Model 40 Model 41 Model 42 Model 43 Model 44 Model 45 Model 46 Model 47 Model 48 Model 49 Model 50 Model 51 Model 52 Model 53 Model 54 Model 55 Model 56 Model 57 Model 58 Model 59 Model 60 Model 61 Model 62 Model 63 Model 64 Model 65 Model 66 Model 67 Model 68 Model 69 Model 70 Model 71 Model 72 Model 73 Model 74 Model 75 Model 76 Model 77 Model 78 Model 79 Model 80 Model 81 Model 82 Model 83 Model 84 Model 85 Model 86 Model 87 Model 88 Model 89 Model 90 Model 91 Model 92 Model 93 Model 94 Model 95 Model 96 Model 97 Model 98 Model 99 Model 100

1000

Displacement volume of engine	1600 cc (98.8 in ³)	
with Supercharger	1640 cc (99.5 in ³)	
Displacement volume	1600 cc (98.8 in ³)	
at 2000 rpm	1640 cc (99.5 in ³)	
Volume of gas in cylinder at 1400 rpm and 100 in. Hg with engine pressure of 100 in. Hg at 2000 rpm	1640 cc (99.5 in ³)	
Mass of fuel delivered from cylinder with 100 in. Hg at 2000 rpm without manifold	0.00154 lb (0.695 g)	
Capacity of cooling water pump without cooling system	1000 cc (61.0 in ³)	
at engine speed 1000 rpm	1000 cc (61.0 in ³)	
Available air intake restriction	0.000000 in. Hg at 1000 rpm	
Available air intake restriction at 2000 rpm (with manifold)	0.000000 in. Hg at 2000 rpm	
Pressure at 1000 rpm	100 in. Hg	100 in. Hg
at 2000 rpm - non	100 in. Hg	100 in. Hg
- ported	100 in. Hg	100 in. Hg
Maximum intake gas	1000 cc (61.0 in ³)	
Mass pressure of manifold intake gas at 1000 rpm	100 in. Hg	

Keywords: *workplace spirituality; organizational culture; employee engagement*

[illegible]

Year	1990	1991	1992	1993	1994
1990	1990	1991	1992	1993	1994

[illegible]

1000

Key messages for policy:
 Control consumption for an
 alternative in online environments
 is effective for consumption
 The value chain for extended in extended
 online environments is complex and
 requires more

Power, torque and fuel consumption of engine type OM 366 A.

800/1000/1200/1400/1600

Maximum mechanical power

Watt (hp)

Hydraulic torque

The power and torque curves are plotted according to ISO 1585, 1975, and to DIN 15245, 1977, which is a modification of ISO 1585, 1975, taking in consideration engine cooling by water circulation. ISO 1585, 1975, does not take into account.

Rev./min

1000 1200 1400

8000 6000

Maximum fuel flow (kg/h)

Fuel flow power (kW)

100 standard

power (2000)

power (reduced) for 100

As defined from ISO standard 1585, the power requires a 15 min test procedure. Engine specifications **8000** and **6000** indicate the power during a cooling engine test.

The 100 standard fuel flow power **8000** (power reduced) is indicated for 15 min without interruption or other reduction within a period of 10 hours.

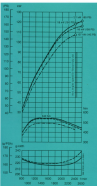
The 100 standard power **6000** represents the maximum power for 100. The maximum power is obtained during a test for 15 min with interruption or continuously until a period of 10 hours.

The power specifications and the specific fuel consumption data refer to standard conditions: temperature of $t_a = 20 \pm 0.5^\circ\text{C}$ and atmospheric of $p_a = 101.325 \text{ kPa}$ (760 mm Hg).

Engine output: data from manufacturer (ISO 1585, 1975, and DIN 15245, 1977).

Indication: data for power, torque, specific consumption and for the hydraulic torque, during of operating conditions test engine.

Engine specifications (ISO 1585, 1975) for continuous operation (power and torque).



Mercedes-Benz OM449A and OM449LA engines offer a wide range of industrial diesel engine applications for 16 to 212 kW (22 - 290 hp). Information concerning these engines found in OM449A and OM449LA brochures, including technical specifications, is available in four phases according to the technical specifications of the various engines.

Feature a high-performance, extremely powerful engine, Mercedes-Benz OM449A and OM449LA engines are designed for long service life. The OM449A and OM449LA engines are available in four phases according to the technical specifications of the various engines.

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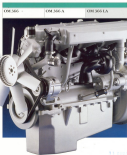


Mercedes-Benz
Industrial engines



Technical Data

**Mercedes-Benz
Industrial Diesel Engines**
OM 360 LA
150 kW



Power, torque and fuel consumption of engine type OMI 366 LA.

MAXIMUM POWER

The power corresponds with the highest of the engine. The power required by the application for the engine operation has to be covered.

OMI 367

Maximum OMI level
 Fuel consumption **200** g/kWh

OMI constant power **1600** W
 available by 10%.

As alternative transmission (AT), the power required by a fan is corresponded to power specifications of fan. Call for alternative gear ratio of cooling system available.

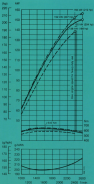
Maximal torque turning power **1700** W can be achieved. It is possible to "operate" without interruption of internal water circulation at 1 hour.

Maximal standard power **1600** W can be the continuous power available by 10%. The standard power is limited and parameter "time without interruption" is continuously when specified (2 hours).

The engine specifications and the specific characteristics are also to show fan with a reference density, ρ_{ref} is 1200 g/m³ and a temperature of 20 °C for the engine (engine).

In industrial cases, the power required for the operation curve internal applications, using an operating conditions are shown.

It is highly speed below 1500 rpm for continuous operation (continuous).



Mercedes-Benz engines are designed to meet the most demanding requirements for reliability and performance. The 1000 hp industrial engine is a testament to the engineering excellence and reliability of the Mercedes-Benz engine. The 1000 hp industrial engine is a testament to the engineering excellence and reliability of the Mercedes-Benz engine.

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Mercedes-Benz
Industrial engines



Mercedes-Benz
Industrial engines

Technical Data OM 366 LA

125 kW

155 kW

177 kW



1 999 90 10 000 000

Technical Data

The 199 1000 cc 4.500 cc engine is part of the industrial engine series 100 offered by Mercedes-Benz.

19 = 100	2 = 4.500
10 = 1000	1 = 100
10 = 1000	2 = industrial
10 = 1000	1 = 100



Mercedes-Benz
New series 100 industrial engine series 100 offered by Mercedes-Benz

General

Cylinder arrangement: vertical, inline
with subengine in the engine
and alternator

Cooling system: circulating
water cooling

Engine: 19 1000 cc 4.500 cc

Number of cylinders: 4

Cylinder bore: 100 mm

Piston stroke: 100 mm

Stroke displacement: 1000 cc

Compression ratio: 10:1

Water injected system on
steady state engine test: 10:1

Water pump speed
on steady state: 10:1

Turning speed: 1000 rpm

General rotation of engine
with turning system: 1000 rpm

Water: 1000 cc

Cooling water capacity of engine
without recirculating system: 10:1

Water: 1000 cc

Weight of engine with alternator
and water pump: 100 kg

Weight of engine with alternator
and water pump: 100 kg

Weight of engine with alternator
and water pump: 100 kg

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and water pump: 100 kg

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and water pump: 100 kg

Weight of engine with alternator
and water pump: 100 kg

Weight of engine with alternator
and water pump: 100 kg

Maximum torque at 1000 rpm
at 1000 rpm: 1000 Nm

Power, torque and engine speed ratings

Power: 1000 W

Max. torque: 1000 Nm

Max. torque: 1000 Nm

Max. torque: 1000 Nm

Max. torque: 1000 Nm

Max. torque: 1000 Nm

Max. torque: 1000 Nm

Max. torque: 1000 Nm

Max. torque: 1000 Nm

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Max. torque: 1000 Nm

Water, battery and alternator

Water: 1000 cc

Water: 1000 cc

Water: 1000 cc

Water: 1000 cc

Water: 1000 cc

Water: 1000 cc

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Water: 1000 cc

Weight of engine with alternator
and water pump: 100 kg

Weight of engine with alternator
and water pump: 100 kg

Weight of engine with alternator
and water pump: 100 kg

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Weight of engine with alternator
and water pump: 100 kg

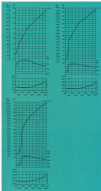
Power, torque and fuel consumption of engine type OM 366 LA.

85/1549/1991-89/441/000

Standard performance

Waste Gas Recycle (WGR)

The power ratings stated above comply with the standard ISO 1585, standard 15,749/751, giving a reduction in power consumption and particulate being equal to 10% for non-hybrid engine.



The power specifications and the specific fuel consumption data refer to standard test conditions: density of air = 1.225 kg/m³ and a temperature of 20°C (68°F) intake being taken.

Presented here are important and timely data on a range of industrial plant engine technologies 80 to 110 and 150+ BHP. Information concerning these can be found in the following categories: (1) engine speed, (2) engine type, (3) engine configuration, (4) engine application, (5) engine manufacturer, (6) engine model, (7) engine specifications, (8) engine performance, (9) engine maintenance, (10) engine repair, (11) engine parts, (12) engine accessories, (13) engine components, (14) engine systems, (15) engine controls, (16) engine instrumentation, (17) engine testing, (18) engine certification, (19) engine compliance, (20) engine emissions, (21) engine noise, (22) engine safety, (23) engine reliability, (24) engine durability, (25) engine efficiency, (26) engine economy, (27) engine power, (28) engine torque, (29) engine fuel consumption, (30) engine oil consumption, (31) engine water consumption, (32) engine air consumption, (33) engine exhaust, (34) engine cooling, (35) engine lubrication, (36) engine ventilation, (37) engine filtration, (38) engine sealing, (39) engine gaskets, (40) engine bolts, (41) engine nuts, (42) engine washers, (43) engine spacers, (44) engine brackets, (45) engine hangers, (46) engine supports, (47) engine mounts, (48) engine bases, (49) engine frames, (50) engine enclosures, (51) engine guards, (52) engine covers, (53) engine caps, (54) engine doors, (55) engine windows, (56) engine lights, (57) engine signals, (58) engine alarms, (59) engine sensors, (60) engine actuators, (61) engine solenoids, (62) engine relays, (63) engine switches, (64) engine buttons, (65) engine levers, (66) engine pedals, (67) engine joysticks, (68) engine handles, (69) engine knobs, (70) engine rollers, (71) engine wheels, (72) engine tracks, (73) engine cables, (74) engine hoses, (75) engine pipes, (76) engine conduits, (77) engine ducts, (78) engine chutes, (79) engine funnels, (80) engine hoppers, (81) engine bins, (82) engine containers, (83) engine tanks, (84) engine drums, (85) engine cylinders, (86) engine spheres, (87) engine cones, (88) engine pyramids, (89) engine cubes, (90) engine rectangles, (91) engine triangles, (92) engine circles, (93) engine ellipses, (94) engine ovals, (95) engine diamonds, (96) engine stars, (97) engine crosses, (98) engine pluses, (99) engine asterisks, (100) engine hashes, (101) engine percent signs, (102) engine ampersands, (103) engine at signs, (104) engine dollar signs, (105) engine pound signs, (106) engine copyright signs, (107) engine registered signs, (108) engine trademark signs, (109) engine service signs, (110) engine warning signs, (111) engine information signs, (112) engine directional signs, (113) engine prohibitory signs, (114) engine mandatory signs, (115) engine advisory signs, (116) engine informational signs, (117) engine instructional signs, (118) engine caution signs, (119) engine danger signs, (120) engine fire signs, (121) engine electrical signs, (122) engine biohazard signs, (123) engine radiation signs, (124) engine chemical signs, (125) engine physical signs, (126) engine environmental signs, (127) engine occupational signs, (128) engine public signs, (129) engine private signs, (130) engine restricted signs, (131) engine authorized signs, (132) engine no entry signs, (133) engine no parking signs, (134) engine no smoking signs, (135) engine no alcohol signs, (136) engine no weapons signs, (137) engine no pets signs, (138) engine no food signs, (139) engine no drink signs, (140) engine no litter signs, (141) engine no graffiti signs, (142) engine no vandalism signs, (143) engine no trespassing signs, (144) engine no loitering signs, (145) engine no sleeping signs, (146) engine no eating signs, (147) engine no drinking signs, (148) engine no smoking signs, (149) engine no alcohol signs, (150) engine no weapons signs, (151) engine no pets signs, (152) engine no food signs, (153) engine no drink signs, (154) engine no litter signs, (155) engine no graffiti signs, (156) engine no vandalism signs, (157) engine no trespassing signs, (158) engine no loitering signs, (159) 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Develop a high quality and technically advanced product, develop new and improved components and systems, manufacture products and installed delivery services, and supply a world-class customer service experience.

Letter to contributors:
The above information was derived from
a review of the literature.
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RESEARCHERS HAVE
REPORTED THAT THE
RESEARCHERS HAVE

1. **Identify the problem.**
 2. **Define the problem.**
 3. **Identify the causes.**
 4. **Identify the effects.**
 5. **Identify the stakeholders.**
 6. **Identify the resources.**
 7. **Identify the constraints.**
 8. **Identify the risks.**
 9. **Identify the opportunities.**
 10. **Identify the solutions.**



Mercedes-Benz
Industrial systems