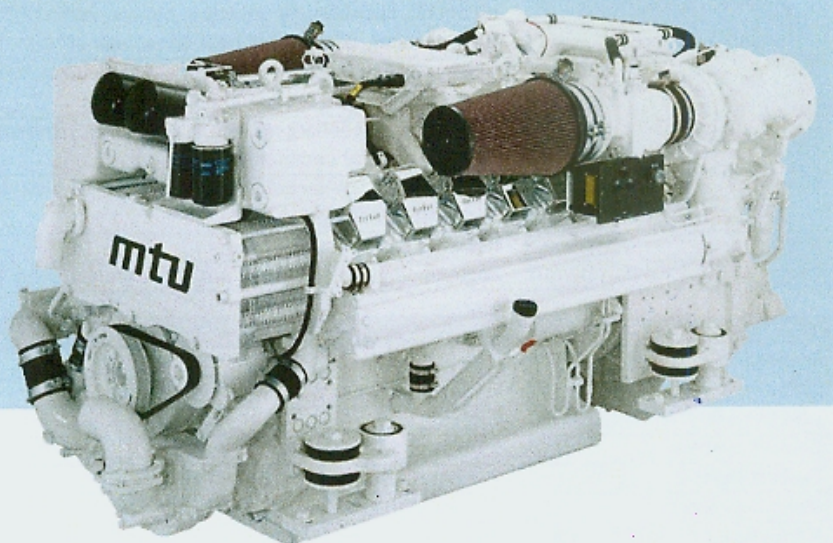


Diesel Engine Series 2000 M91

for Fast Vessels

with Low Load Factors (1DS)



Typical applications:

Fast Yachts, Fast Patrol Boats,
Police Craft and Fire-Fighting
Vessels

Engine Model	12V 2000 M91	16V 2000 M91
Rated power ICFN kW (bhp)	1119 (1500)	1492 (2000)
Speed (speed margin) rpm	2350 (+50)	2350 (+50)
No. of cylinders	12	16
Bore/stroke mm (in)	130/150 (5.1/5.9)	130/150 (5.1/5.9)
Displacement, total l (cu in)	23.9 (1458)	31.9 (1947)
Flywheel housing	SAE 1	SAE 0
Gearbox model	ZF 2050 A i = 1.2 - 2.5	ZF 2555 i = 1.5 - 2.7

Performance and Fuel Consumption ¹⁾	12V 2000 M91			16V 2000 M91		
Speed rpm	2350	1800	1200	2350	1800	1200
Maximum power kW	1119	940	500	1492	1250	790
bhp	1500	1261	671	2000	1676	1059
Power on propeller curve kW	1119	500	150	1492	670	200
bhp	1500	671	201	2000	898	268
Fuel consumption g/kWh	222	202	210	223	206	216
on propeller curve l/h	299.3	121.7	38.0	400.7	166.3	52.1
gal/h	79.1	32.2	10.0	106.0	44.0	13.8

¹⁾ Tolerance +5% per ISO 3046, Diesel fuel to DIN EN 590 with a min L.H.V. of 42800kJ/kg (18390 BTU/lb)



DaimlerChrysler Off-Highway

