

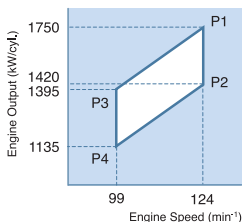
MITSUBISHI UEC50LSE-Eco-B1

Main data

Cylinder bore	500 mm
Piston stroke	2050 mm
Stroke/bore	4.10

Rated power

Speed	124 min ⁻¹		99 min ⁻¹	
	Piston speed			
	8.5 m/s		6.8 m/s	
Cyl.	P1	P2	P3	P4
	kW	kW	kW	kW
5	8 750	7 100	6 975	5 675
6	10 500	8 520	8 370	6 810
7	12 250	9 940	9 765	7 945
8	14 000	11 360	11 160	9 080
9	15 750	12 555	12 780	10 215



Specific fuel oil consumption (SFOC)

	P1	P2	P3	P4
100% load, g/kWh	167	162.0	167.0	162.0
85% load, g/kWh	164.4	160.6	164.3	160.6
75% load, g/kWh	163.9	160.0	163.9	160.0
BMEP, bar	21.0	17.1	21.0	17.1

Principal engine dimensions (mm) and weight (tonnes)

Cyl.	L	B	C	D	F1	F2	G	LCC	Weight
5	5 520 (5 520)	3 150	1 088	7 688	9 250	8 409	1 636 (1 690)	880	188 (215)
6	6 400 (6 400)	3 150	1 088	7 688	9 250	8 409	1 636 (1 690)	880	219 (250)
7	7 280 (7 280)	3 150	1 088	7 688	9 250	8 409	1 636 (1 690)	880	251 (287)
8	8 160 (8 160)	3 150	1 088	7 688	9 250	8 409	1 636 (1 690)	880	281 (321)
9	9 040 (9 040)	3 150	1 088	7 688	9 250	8 409	1 636 (1 690)	880	312 (356)

Dimensions and weight in () are for engine of bedplate and column, made by cast iron.

