

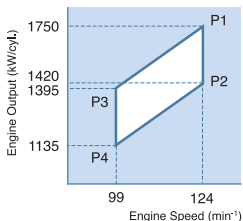
# MITSUBISHI UEC50LSE-B1

## Main data

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

## Rated power

Speed	124 min <sup>-1</sup>		99 min <sup>-1</sup>		
	8.5 m/s		6.8 m/s		
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	173	168.0	173.0	168.0
85% load, g/kWh	170.4	166.6	170.3	166.6
75% load, g/kWh	170.7	167.1	170.6	167.1
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	7 576	9 250	8 409	1 636 (1 690)	880	186 (214)
6	6 400 (6 400)	3 150	1 088	7 576	9 250	8 409	1 636 (1 690)	880	217 (249)
7	7 280 (7 280)	3 150	1 088	7 576	9 250	8 409	1 636 (1 690)	880	248 (286)
8	8 160 (8 160)	3 150	1 088	7 576	9 250	8 409	1 636 (1 690)	880	279 (320)
9	9 040 (9 040)	3 150	1 088	7 576	9 250	8 409	1 636 (1 690)	880	310 (355)

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

