

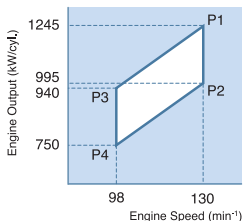
# MITSUBISHI UEC45LSE-Eco-1

## Main data

Cylinder bore	450 mm
Piston stroke	1840 mm
Stroke/bore	4.09

## Rated power

Speed	130 min <sup>-1</sup>		98 min <sup>-1</sup>	
	8.0 m/s		6.0 m/s	
Piston speed	8.0 m/s		6.0 m/s	
Cyl.	P1	P2	P3	P4
	kW	kW	kW	kW
5	6 225	4 975	4 700	3 750
6	7 470	5 970	5 640	4 500
7	8 715	6 965	6 580	5 250
8	9 960	7 960	7 520	6 000



## Specific fuel oil consumption (SFOC)

	P1	P2	P3	P4
100% load, g/kWh	172	166.7	172.0	166.7
85% load, g/kWh	169.4	165.4	169.4	165.4
75% load, g/kWh	168.9	164.8	168.9	164.8
BMEP, bar	19.6	15.7	19.6	15.7

## Principal engine dimensions (mm) and weight (tonnes)

Cyl.	L	B	C	D	F1	G	LCC	Weight
5	5 102	3 000	1 000	6 900	8 600	1 560	792	162 (171)
6	5 894	3 000	1 000	6 900	8 600	1 560	792	189 (199)
7	6 686	3 000	1 000	6 900	8 600	1 560	792	215 (226)
8	7 478	3 000	1 000	6 900	8 600	1 560	792	243 (256)

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

