

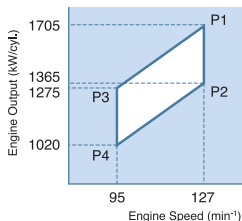
MITSUBISHI UEC52LSE-1

Main data

Cylinder bore	520 mm
Piston stroke	2000 mm
Stroke/bore	3.85

Rated power

Speed	127 min ⁻¹		95 min ⁻¹	
	8.5 m/s		6.3 m/s	
Piston speed	8.5 m/s		6.3 m/s	
	Cyl.	P1 kW	P2 kW	P3 kW
4	6 820	5 460	5 100	4 080
5	8 525	6 825	6 375	5 100
6	10 230	8 190	7 650	6 120
7	11 935	9 555	8 925	7 140
8	13 640	10 920	10 200	8 160
9	15 345	12 285	11 475	9 180
10	17 050	13 650	12 750	10 200
12	20 460	16 380	15 300	12 240



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	169.7	165.9	169.6	165.9
BMEP, bar	19.0	15.2	19.0	15.2

Principal engine dimensions (mm) and weight (tonnes)

Cyl.	L	B	C	D	F1	F2	G	LCC	Weight
4	4 963	3 285	1 085	7 570	9 250	8 250	1 755	915	186
5	5 878	3 285	1 085	7 570	9 250	8 250	1 755	915	226
6	6 793	3 285	1 085	7 570	9 250	8 250	1 755	915	263
7	7 708	3 285	1 085	7 570	9 250	8 250	1 755	915	301
8	8 623	3 285	1 085	7 570	9 250	8 250	1 755	915	339
9	9 538	3 285	1 085	7 570	9 250	8 250	1 755	915	377
10	11 368	3 285	1 085	7 570	9 250	8 250	1 755	915	446
12	13 198	3 285	1 085	7 570	9 250	8 250	1 755	915	552

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

