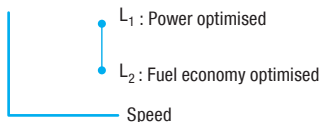


MAN B&W K50MC-S

Site Rating



Bore 500 mm, Stroke 1,370 mm

Power and Heat Rate

Speed	r/min	176.5				180.0			
Frequency	Hz	50				60			
Layout points	L_1		L_2		L_1		L_2		
	kW_m	kW_e	kW_m	kW_e	kW_m	kW_e	kW_m	kW_e	
7 K50MC-S	9,940	9,690	7,980	7,780	10,150	9,895	8,120	7,915	
8 K50MC-S	11,360	11,075	9,120	8,890	11,600	11,310	9,280	9,050	
9 K50MC-S	12,780	12,460	10,260	10,005	13,050	12,725	10,440	10,180	
10 K50MC-S	14,200	13,845	11,400	11,115	14,500	14,140	11,600	11,310	
11 K50MC-S	15,620	15,230	12,540	12,225	15,950	15,550	12,760	12,440	
12 K50MC-S	17,040	16,615	13,680	13,340	17,400	16,965	13,920	13,570	
14 K50MC-S	19,880	19,385	15,960	15,560	20,300	19,795	16,240	15,835	

Heat Rate at MCR

kJ/kWh_m	7,430	7,174	7,430	7,174
kJ/kWh_e	7,621	7,358	7,621	7,358

Lubricating and Cylinder Oil Consumption

Lubricating oil consumption	0.17 - 0.21 kg/cyl.h
Cylinder oil consumption	0.6 - 1.2 g/kWh