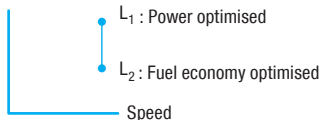


MAN B&W K80MC-S

Site Rating



Bore 800 mm, Stroke 2,300 mm

Power and Heat Rate

Speed	r/min	107.1				109.1			
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 K80MC-S	24,570	23,955	19,670	19,180	24,990	24,365	20,020	19,520	
8 K80MC-S	28,080	27,380	22,480	21,920	28,560	27,845	22,880	22,310	
9 K80MC-S	31,590	30,800	25,290	24,660	32,130	31,325	25,740	25,095	
10 K80MC-S	35,100	34,225	28,100	27,400	35,700	34,810	28,600	27,885	
11 K80MC-S	38,610	37,645	30,910	30,135	39,270	38,290	31,460	30,675	
12 K80MC-S	42,120	41,065	33,720	32,875	42,840	41,770	34,320	33,460	

Heat Rate at MCR

kJ/kWh_m	7,344	7,088	7,344	7,088
kJ/kWh_e	7,532	7,270	7,532	7,270

With TCS

Up to 4% heat rate reduction is obtainable depending on actual site ambient conditions.

Lubricating and Cylinder Oil Consumption

Lubricating oil consumption	0.3 - 0.5 kg/cyl.h
Cylinder oil consumption	0.6 - 1.2 g/kWh