

MAN L21/31S



Bore: 210 mm, Stroke: 310 mm

Speed	r/min	1,000		900	
Frequency	Hz	50		60	
		Eng. kW	Gen. kW*	Eng. kW	Gen. kW*
5L21/31S		1,100	1,045	1,100	1,045
6L21/31S		1,320	1,254	1,320	1,254
7L21/31S		1,540	1,463	1,540	1,463
8L21/31S		1,760	1,672	1,760	1,672
9L21/31S		1,980	1,881	1,980	1,881

Electr. GenSet Heat Rate at 100% Load

Cyl. No.		5L		6L		7L		8L		9L	
Liquid fuel (WB1998)	kJ/kWh	8,140	8,140	8,140	8,140	8,140	8,140	8,140	8,140	8,140	8,140
Liquid fuel (WB2007/2008)	kJ/kWh	8,405	8,360	8,405	8,362	8,405	8,360	8,405	8,360	8,405	8,360

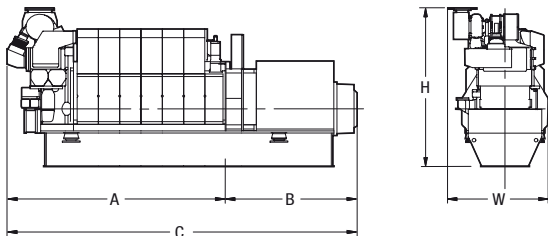
Lube Oil Consumption	kg/h	0.4-0.9		0.5-1.1		0.6-1.2		0.7-1.4		0.8-1.6	
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Nominal generator efficiency is 95%.

GenSet Dimensions

A	mm	3,959		4,314		4,669		5,024		5,379	
B	mm	1,870		2,000		1,970		2,250		2,400	
C	mm	5,829		6,314		6,639		7,274		7,779	
W	mm	1,750		1,750		1,750		1,750		1,750	
H	mm	3,183		3,183		3,289		3,289		3,289	
Dry mass	t	21.5		23.7		25.9		28.5		30.9	

Weights and dimensions are subject to final application



Note: The above dimension: only reference.

The final dimensions are determined by the type of generator.

*Based on nominal generator efficiencies of 95%.



L21/31S

Configuration: In-line

Bore: 210mm

Stroke: 310 mm

Speed: 900/1000 rpm

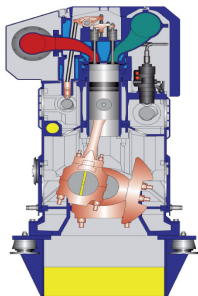
Piston speed: 9.3/10.3m/sec

Mean eff.press.:

5 cyl.engine :24.9/22.4bar

6,7,8,9 cyl.engine:27.3/24.6bar

Fuel quality: Liquid Biofuel



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