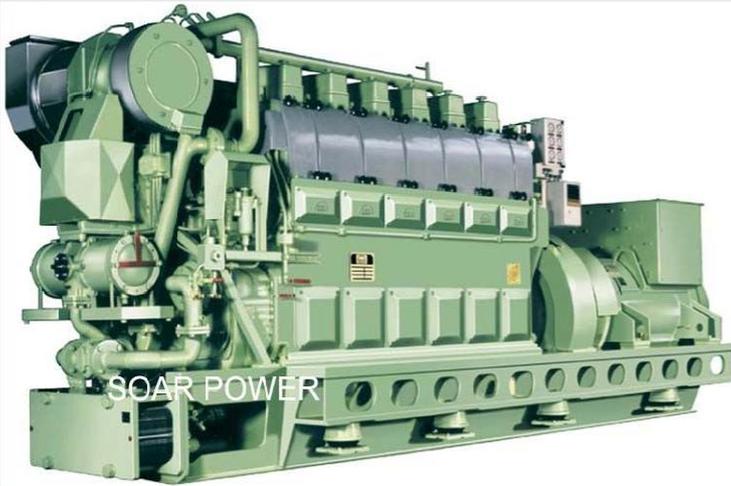


MAN L23/30H Mk 2 GenSet

618-1,330 kW



Powered by 3 x L23/30H GenSets

The MAN L23/30H (Holeby) GenSet has been a treasured choice by customers since the first introduction in the mid-60s, and it has proven to be an extraordinarily reliable engine type. More than 10,000 GenSets have been installed, and the engine has served as the benchmark for the whole industry.

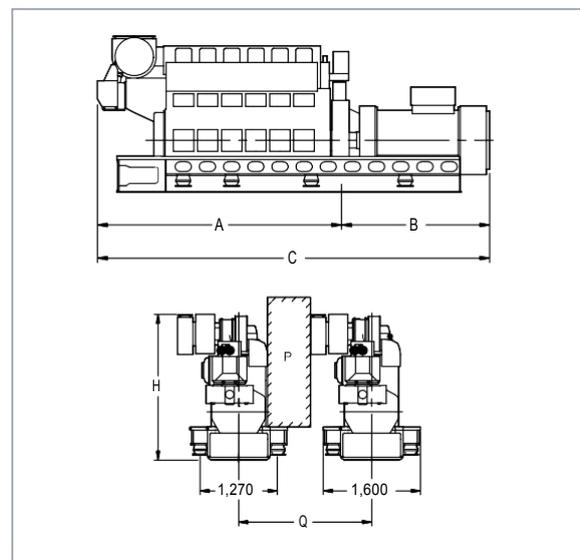
daily maintenance requirements are kept at a minimum and long intervals between overhauls are obtained.

A classic has been upgraded
With the increased focus on both operational and economical measures, MAN Diesel & Turbo has decided to upgrade its most successful GenSet, i.e. the L23/30H. This upgrade offers a number of significant design changes leading to more benefits for the owner:

The L23/30H Mk 2 engine has an additional environmental advantage – besides the IMO Tier II, it holds an EPA Tier 2 approval for the 900 r/min version.

- ⊙ weight reduction of 5-7% thanks to base frame design changes
- ⊙ approximately 10% higher output per cylinder
- ⊙ reduced fuel consumption (SFOC) of 1%.

The new GenSet, designated L23/30H Mk 2, has received positive feedback from the market, and the number of orders and the general interest indicate that the L23/30H engine is bound for more success. Just as with other MAN engines, quality in every component and comprehensive factory testing mean that



P: Free passage between the engines, width 600 mm and height 2,000 mm

Q: ~Min. distance between centre of engines: 2,250 mm



Main Data L23/30H Mk 2 – Bore: 225 mm, Stroke: 300 mm

Speed (r/min)	720	750	900
Frequency (Hz)	60	50	60

	Eng. kW	Gen. kW*	Eng. kW	Gen. kW*	Eng. kW	Gen. kW*
5 L23/30H	650/710	618/675	675/740	641/703	-	-
6 L23/30H	852	809	888	844	1,050	998
7 L23/30H	994	944	1,036	984	1,225	1,164
8 L23/30H	1,136	1,079	1,184	1,125	1,400	1,330

Cyl. No.	5	6	6	7	7	8	8
r/min	720/750	720/750	900	720/750	900	720/750	900
A (mm)	3,369	3,738	3,738	4,109	4,109	4,475	4,475
B (mm)	2,155	2,265	2,265	2,395	2,395	2,480	2,340
C (mm)	5,524	6,004	6,004	6,504	6,504	6,959	6,815
H (mm)	2,402	2,402	2,466	2,466	2,466	2,466	2,466
Dry Mass (t)	17.0	18.5	19.8	20.0	21.4	21.9	22.9

* Based on nominal generator efficiencies of 95%
Weight and dimensions based on a standard alternator

Facts and figures

Performance

The L23/30H Mk 2 is a four-stroke in-line engine that can be delivered in 5 to 8-cylinder versions. Power output ranges from 650 to 1,400 kW.

Compact dimensions

With a length of 5.5 to 7.0 m, a width of 1.6 m, a height of 2.4 to 2.5 m (depending on the number of cylinders), and a dry weight of 17.0 to 22.9 tonnes, the L23/30H Mk 2 is compact. It also has a low dismantling height, making it suitable for areas in which vertical space is restricted.

Economical

Like all our units, the L23/30H Mk 2 is designed to achieve optimal performance on HFO. Lubricating oil consumption is minimal.

Long overhaul interval

With an interval of 16,000 hours between major overhauls and a short daily maintenance schedule, the L23/30H Mk 2 has a low maintenance requirement.

Extensive monitoring and control system

All media systems have thermometers and manometers providing input to alarm functions. There are standard shutdown functions for low lubricating oil pressure, high cooling water temperature and overspeed.



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