

Market Update Note



23 November 2023

Engine Selection Guide

New online application for easy overview of MAN B&W engines

We are pleased to introduce our new application, which provides an easy overview of applicable two-stroke MAN B&W engines and variants in our marine engine programme.

The Engine Selection Guide will be part of our application suite consisting of CEAS and Turbocharger Selection, which are available from our website. Like these applications, the Engine Selection Guide will always be in sync with our online engine programme.

The Engine Selection Guide offers two ways to find engines. The first one "List engines" automatically lists available engine types, that fulfill the following few filter options: IMO NOx compliance level, selection of fuel injection concept, min./max. cylinder number, and power and speed (SMCR).

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The screenshot shows the 'List engines' tab selected. Filter options include: IMO NOx compliance level (Tier II), Fuel injection concept (LGM), Min/max cylinder number (5 to 12), SMCR speed (rpm) (94), and SMCR power (kW) (13500). The 'Engine type' list shows: 6S60ME-C10.5, 6S60ME-C10.5, and 7S60ME-C10.5. A 3D engine model is displayed on the right.

The second option "Sort engines" requires a little more information. By adding a load profile (up to five load points can be added), a calculation of weighted fuel consumption is used to sort the engines.

Please note that other equally important figures, e.g. engine dimensions, exhaust flow, temperature, and others, will affect such a list. However, these aspects are not included in the current version.

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Engine variant	Tier II fuel oil mode I	Tier III fuel oil mode -	Tier II DF mode -	Tier III DF mode -
6S60ME-C10.5-EcoEGR	155.7	162.8	155.7	162.8
7S60ME-C10.5-EcoEGR	155.7	162.8	155.7	162.8
7S60ME-C10.5-HPSCR	158.9	160.1	158.9	160.1
7S60ME-C10.5-EGRBP	159.0	164.4	159.0	164.4
6S60ME-C10.5-EcoEGR	159.2	166.4	159.2	166.4
6S60ME-C10.5-HPSCR	159.5	160.7	159.5	160.7
6S60ME-C10.5-EGRBP	159.6	164.4	159.6	164.4
6S60ME-C10.5-HPSCR	162.5	163.7	162.5	163.7
6S60ME-C10.5-EGRBP	162.5	167.9	162.5	167.9

Note: Weighted fuel consumption (g/kWh) at ISO. Calculation based on low sulphur fuel (LS) without scrubber, with fresh water (FW) cooling system and fixed pitch propeller (FPP). For detailed specification use CEAS.

For more detailed information on the application, we refer to the guide available by clicking the ? in the upper right corner of the application.

Find the Engine Selection Guide on our website by following the headings: [Marine](#) → [Products](#) → [Planning Tools & Downloads](#) → [Engine Selection Guide](#)

Links to CEAS Engine Calculation, Turbocharger Selection and our official online Marine Engine Programme can be found here as well.

The Engine Selection Guide is also available on your smart-device using the same link.

If you have any questions please write to MarineProjectEngineering2S@man-es.com