

三井-Everllence B&W G70ME-C10.58

➤ G70ME-C10.58 の特徴

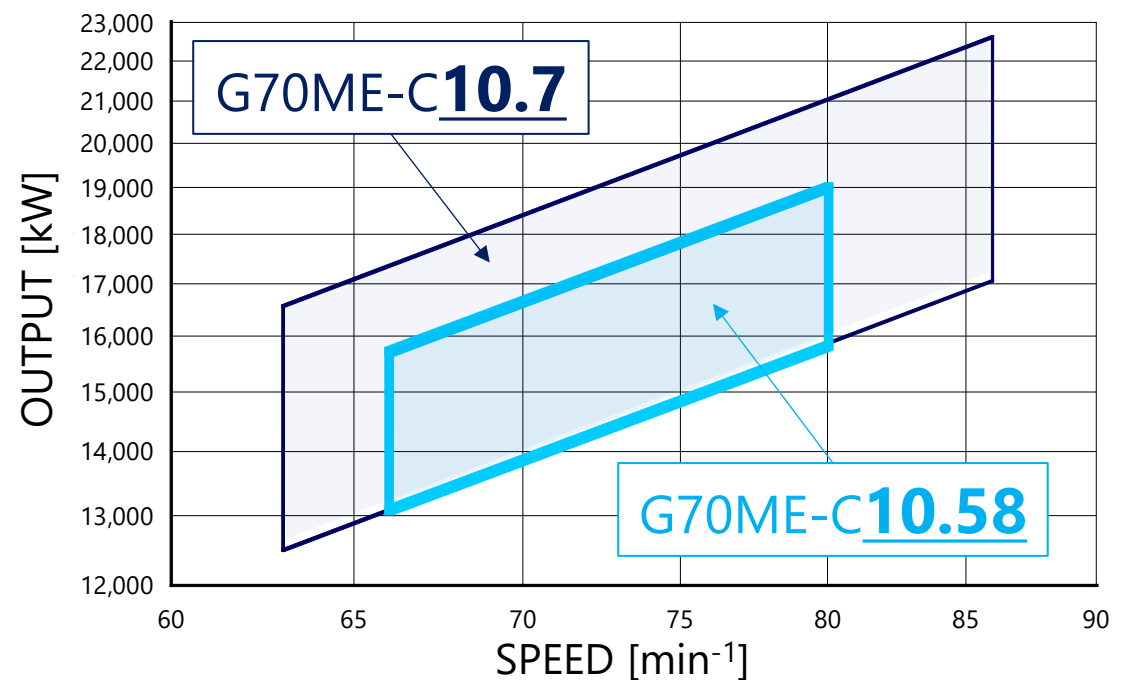
・既存機種 G70ME-C10.7から
レイアウト範囲、Pmaxを制限し
エンジンサイズをコンパクト化

・メタン/LNG焼きME-GI機関における
燃料ガス供給圧力を低減

G70ME-C10.7-GI : 380bar

G70ME-C10.58-GI : 325bar

➤ レイアウト範囲比較

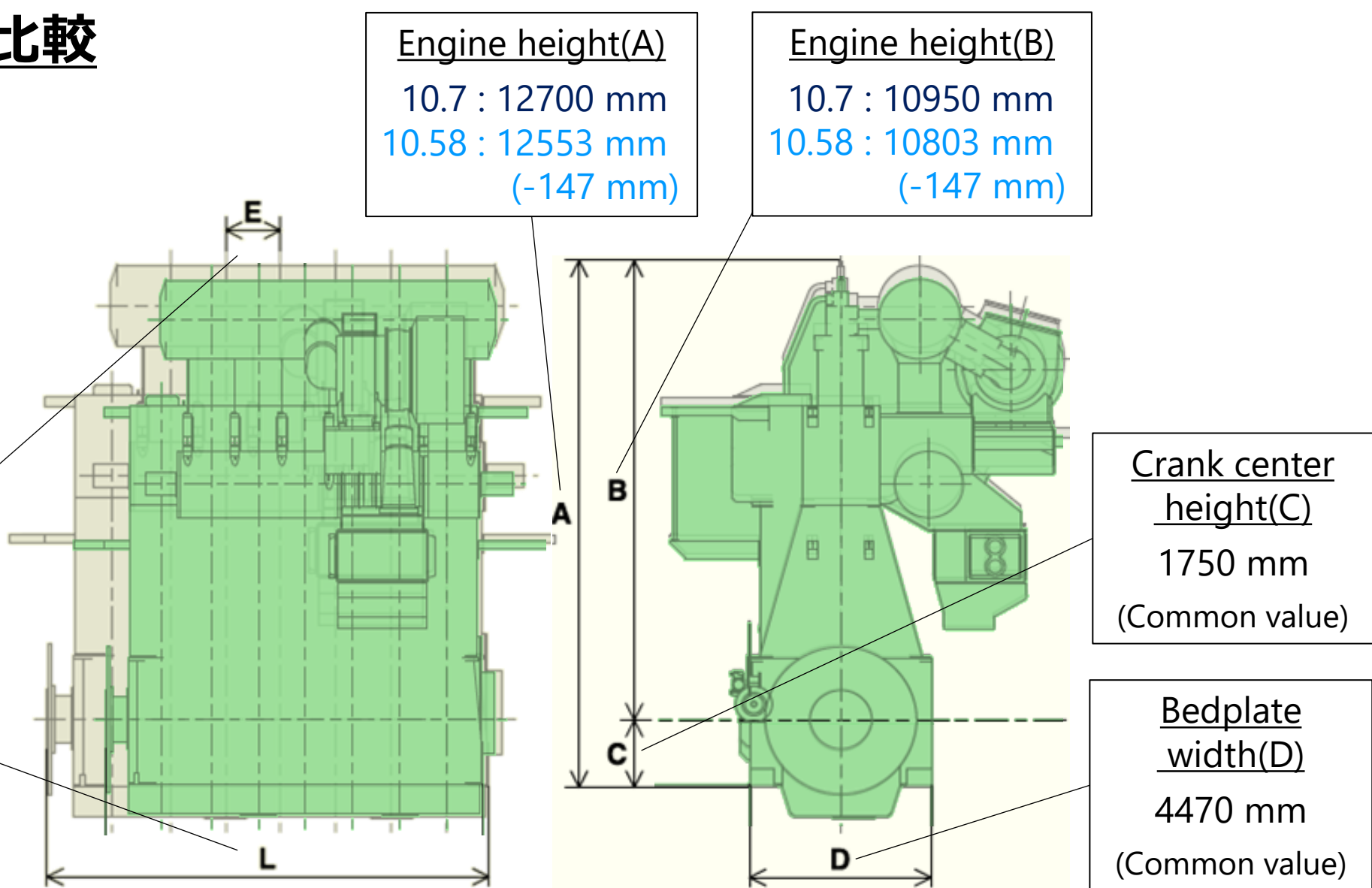


➤ 機関サイズ比較

Dry mass (@5cyl.)
10.7 : 593 ton
10.58 : 550 ton
(-43 ton)

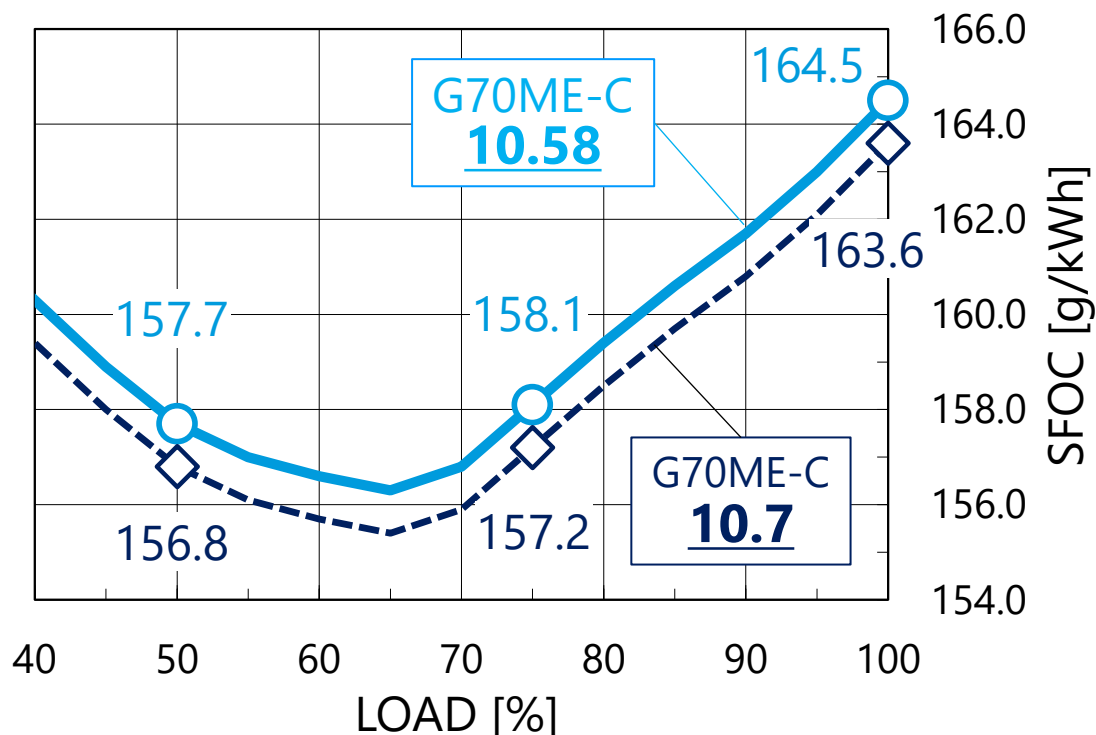
Cyl. distance (E)
10.7 : 1166 mm
10.58 : 1044 mm
(-122 mm)

Engine length(L) (@5cyl.)
10.7 : 8645 mm
10.58 : 7399 mm
(-1246 mm)

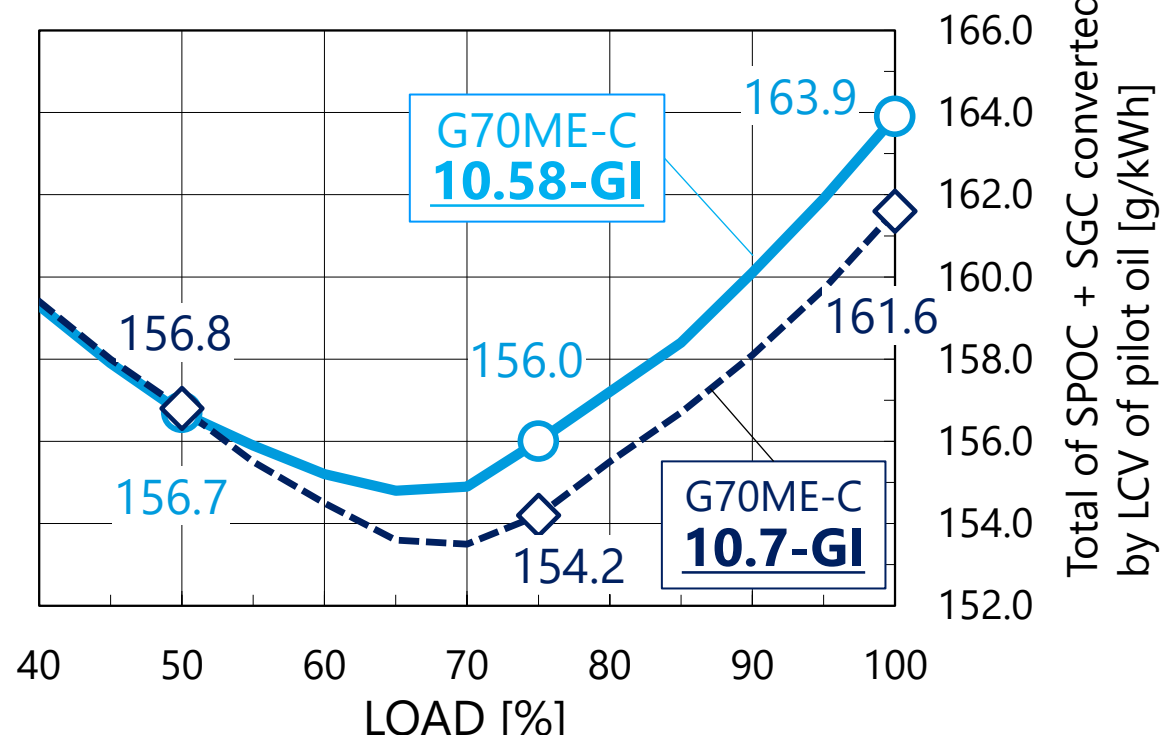


➤ 燃費率比較 (@ MCO : L1 point of G70ME-C10.58)

重油焼き, HPSCR, @ Tier II mode



ME-GI, HPSCR, @ Gas & Tier II mode



MITSUI-Everllence B&W G70ME-C10.58

Features of G70ME-C10.58

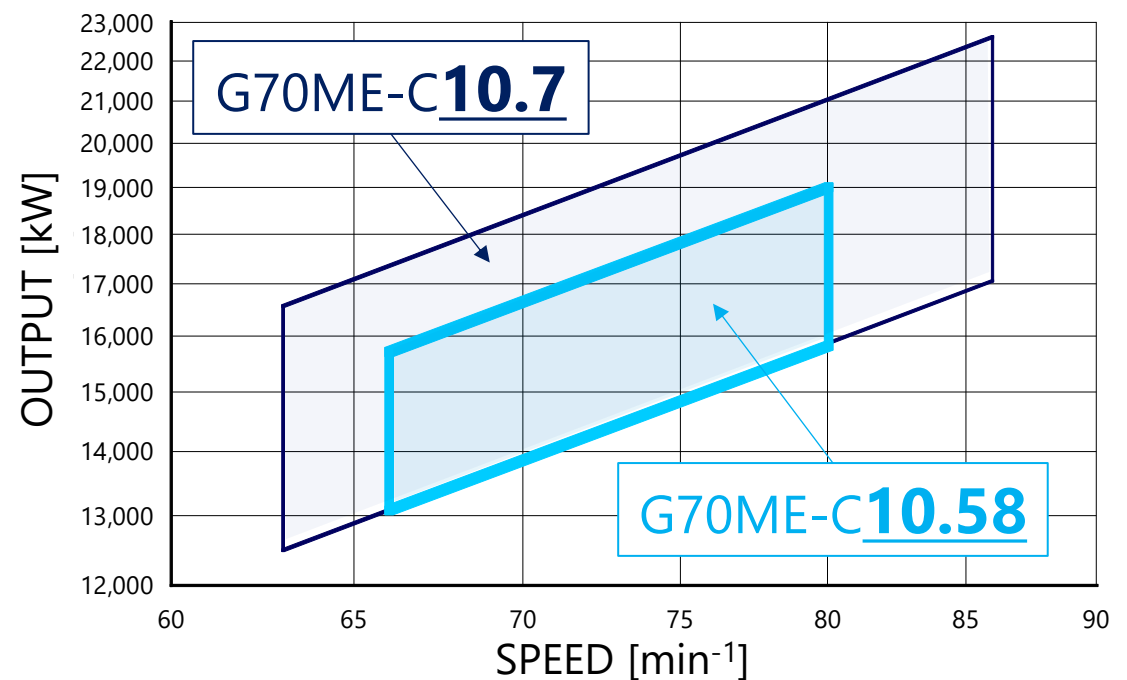
- Compared to the conventional G70ME-C10.7, **engine downsizing** due to the limitation of layout area and Pmax

- Reducing fuel gas supply pressure** in methane/LNG fueled ME-GI engine

G70ME-C10.7-GI : 380bar

G70ME-C10.58-GI : 325bar

Comparison of layout area

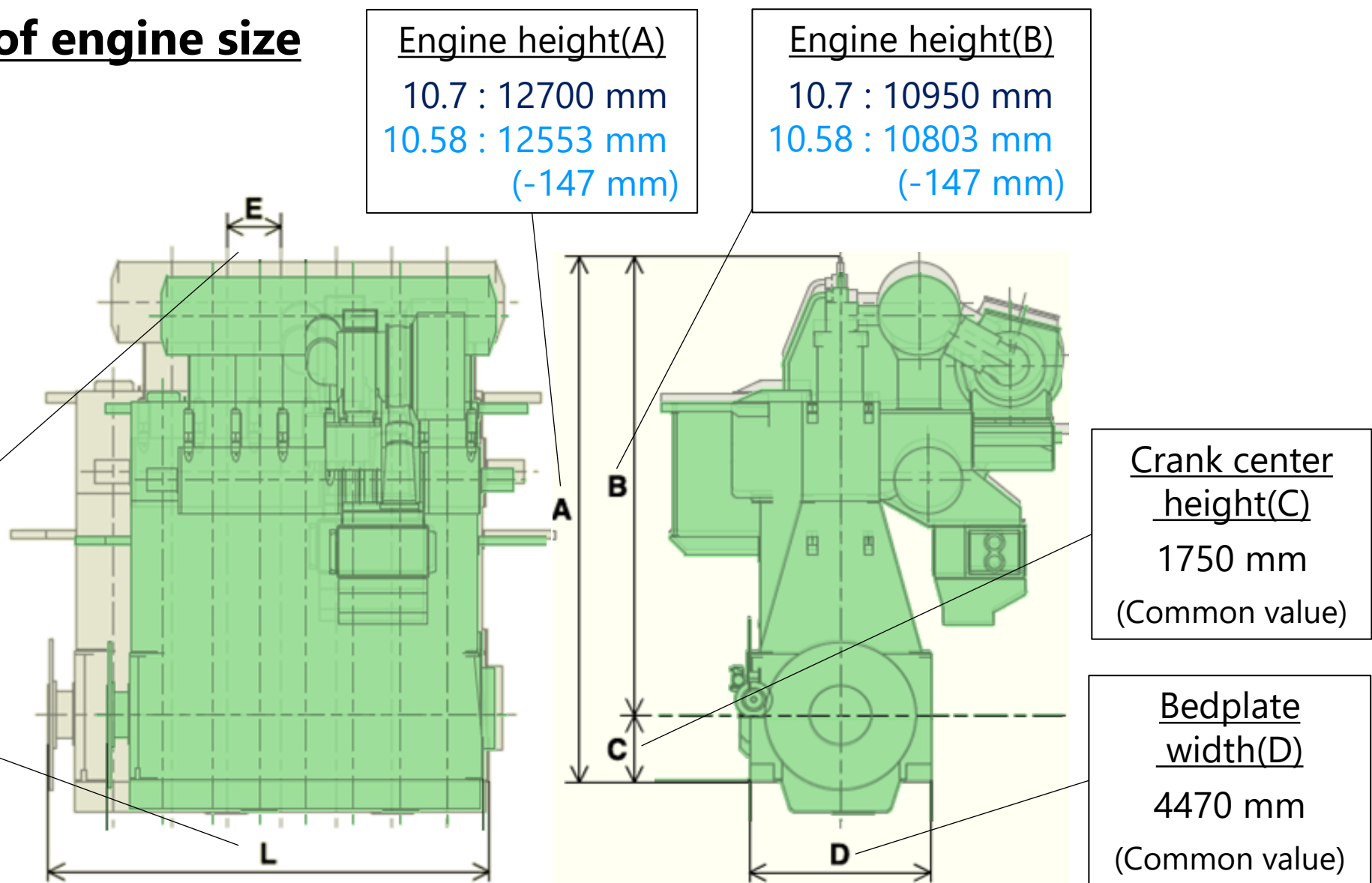


Comparison of engine size

Dry mass (@5cyl.)
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 (-43 ton)

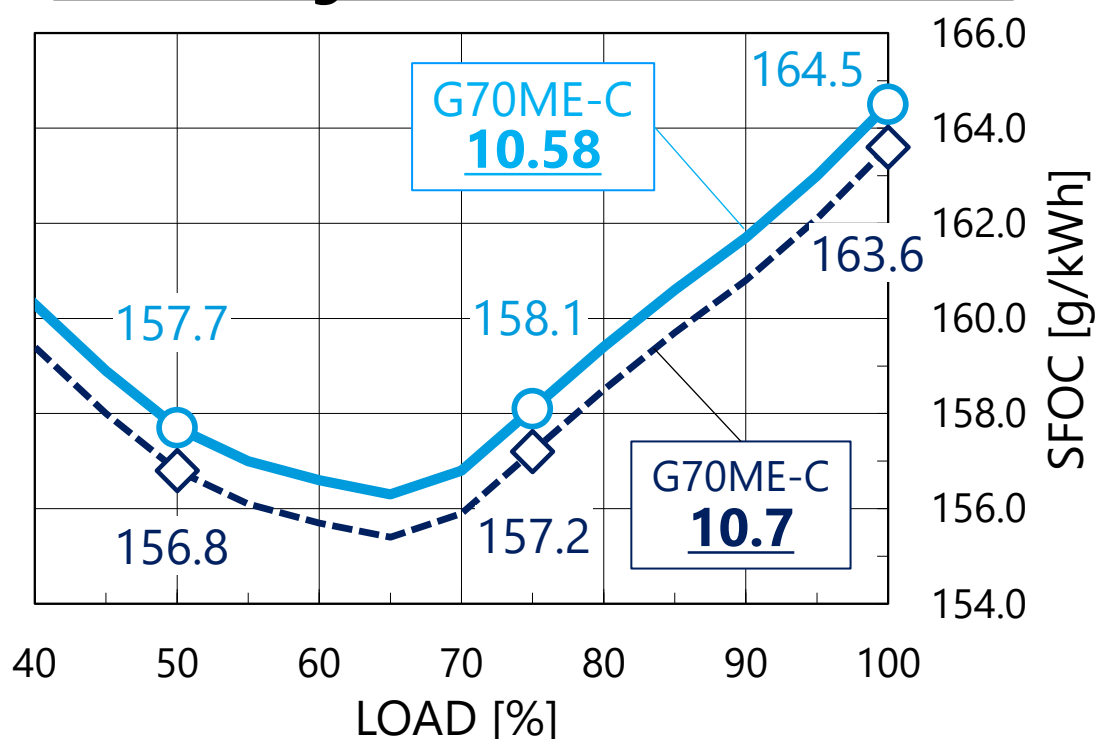
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Comparison of SFOC (@ MCO : L1 point of G70ME-C10.58)

Fuel oil engine, HPSCR, @ Tier II mode



ME-GI, HPSCR, @ Gas & Tier II mode

