

# 6N165LW

Generator Capacity  
320~480kW<sub>e</sub>

## ■ Main Data

Type ..... 4-stroke, Diesel  
 No. of Cylinders ..... In-line 6  
 Cylinder Bore ..... 165 mm  
 Piston Stroke ..... 232 mm  
 Engine Speed ..... 900 / 1000 / 1200 min<sup>-1</sup>  
 Mean Effective Pressure ..... 1.42 - 1.78 MPa  
 Piston Speed ..... 7.0 / 7.7 / 9.3 m/s

## ■ Rated Power

Engine Model	60Hz		50Hz	
	900min <sup>-1</sup>		1000min <sup>-1</sup>	
	Eng [ kW (PS) ]	Gen [ kW <sub>e</sub> ]	Eng [ kW (PS) ]	Gen [ kW <sub>e</sub> ]
6N165L-JW	-	-	353 (480)	320
6N165L-SW	353 (480)	320	397 (540)	360
6N165L-EW	397 (540)	360	441 (600)	400
	1200min <sup>-1</sup>			
	Eng [ kW (PS) ]	Gen [ kW <sub>e</sub> ]		
	6N165L-JW	441 (600)	400	
6N165L-SW	485 (660)	450		
6N165L-EW	530 (720)	480		

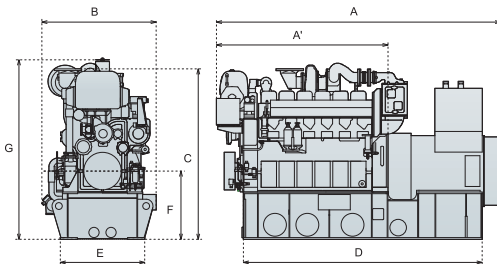
Above generator capacity will vary according to actual generator efficiency.

• 900min<sup>-1</sup>: for HFO Application Only.

• 1000min<sup>-1</sup>: for MDO Application Only.

## ■ Dimensions [ mm ] / Weights [ kg ]

Engine Model	A	A'	B	C	D	E	F	G	Dry Weight	
									Engine	Gen.Set
6N165L-JW (353/441kW)	3182	1982	1341	1999	2700	990	800	2105	3860	6410
6N165L-SW (353kW)	3332	2012	1557	1999	2800	990	800	2105	4020	7160
	(397/485kW)	3332	2012	1341	1999	2800	990	800	2105	4020
6N165L-EW (397kW)	3332	2012	1557	1999	2800	990	800	2105	4020	7160
	(441/530kW)	3332	2012	1341	1999	2800	990	800	2105	4020



G : Minimum Height for Removing Piston

The engine dry weight and outline may differ depending upon the specifications and attached accessories.