

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⁻¹
- Mean Effective Pressure : 1.42 - 1.78 MPa ■ Piston Speed : 7.0 / 7.7 / 9.3 m/s

Rated Power

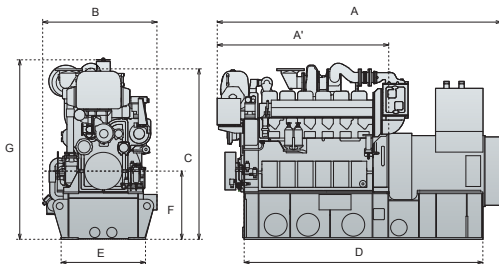
Engine Model	60Hz		50Hz	
	900min ⁻¹		1000min ⁻¹	
	Eng [kW (PS)]	Gen [kW _e]	Eng [kW (PS)]	Gen [kW _e]
6N165L-UW	-	-	353 (480)	320
6N165L-SW	353 (480)	320	397 (540)	360
6N165L-EW	397 (540)	360	441 (600)	400
	1200min ⁻¹			
	Eng [kW (PS)]	Gen [kW _e]		
6N165L-UW	441 (600)	400		
6N165L-SW	485 (660)	450		
6N165L-EW	530 (720)	480		

Above generator capacity will vary according to actual generator efficiency.

- 900min⁻¹: for HFO Application Only.
- 1000min⁻¹: for MDO Application Only.

Dimensions [mm] / Weights [kg]

Engine Model	A	A'	B	C	D	E	F	G	Dry Weight	
									Engine	Gen.Set
6N165L-UW (353/441kW)	3182	1982	1341	1999	2700	990	800	2105	4100	6410
6N165L-SW (353kW)	3332	2012	1557	1999	2800	990	800	2105	4100	7160
	(397/485kW)	3332	2012	1341	1999	2800	990	800	2105	4100
6N165L-EW (397kW)	3332	2012	1557	1999	2800	990	800	2105	4100	7160
	(441/530kW)	3332	2012	1341	1999	2800	990	800	2105	4100



G : Minimum Height for Removing Piston

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