

Engines and Generating Sets

Wärtsilä 46F		IMO Tier II or III	
Cylinder bore	460 mm	Fuel specification: Fuel oil	
Piston stroke	580 mm	700 cSt/50°C	7200 sR1/100°F
Cylinder output	1200 kW/cyl	ISO 8217, category ISO-F-RMK 700	
Speed	600 rpm	SFOC 170 g/kWh at ISO condition	
Mean effective pressure	24.9 bar	Option: Lubricating oil module integrated on engine.	
Piston speed	11.6 m/s		

Rated power

Engine type	kW
6L46F	7 200
7L46F	8 400
8L46F	9 600
9L46F	10 800
12V46F	14 400
14V46F	16 800
16V46F	19 200

Dimensions (mm) and weights (tonnes)

Engine type	A*	A	B	C	D	F	Weight
6L46F	8 430	8 620	3 500	2 930	3 750	1 480	97
7L46F	9 260	9 440	3 800	2 950	3 750	1 480	113
8L46F	10 080	10 260	3 800	2 950	3 750	1 480	124
9L46F	10 900	11 080	3 800	2 950	3 750	1 480	140
12V46F	10 080	10 150	3 770	4 050	3 800	1 820	173
14V46F	11 650	11 729	4 243	4 678	3 800	1 820	216
16V46F	12 700	12 779	4 243	4 678	3 800	1 820	233

* Turbocharger at flywheel end.
For definitions see page 59.

