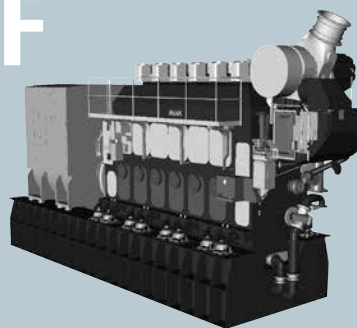


M 46 DF

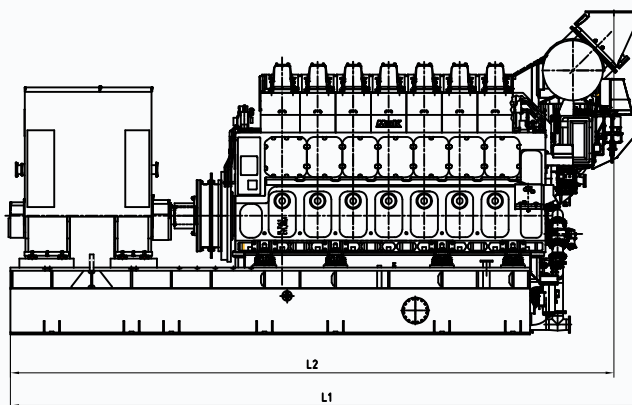
Generator Set



DIMENSIONS (mm) AND WEIGHTS (t)

Type	L1 *	L2	H1	H2	W1	W2	Weight
6 M 46 DF	12202	11651	3834	2444	3400	215	178.0
7 M 46 DF	12999	12414	4205	2444	3400	232	195.0
8 M 46 DF	13729	13144	4205	2444	3400	232	210.0
9 M 46 DF	14459	13874	4205	2444	3400	232	240.0

* Dependent on generator make/type



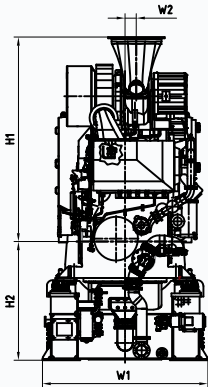
TECHNICAL DATA

Type	Engine rating		Output range		Frequency	Speed	Mean eff. pressure	Mean piston speed	Spec. fuel consumption	Total spec. energy consumption
	kW	kWe	kVA	Hz	rpm	bar	m/s	g/kWh	kJ/kWh	
6 M 46 DF	5400	5179	6480	50/60	500/514	21.3/20.7	10.2/10.5	186/185	7441/7524	
7 M 46 DF	6300	6042	7560	50/60	500/514	21.3/20.7	10.2/10.5	186/185	7441/7524	
8 M 46 DF	7200	6905	8640	50/60	500/514	21.3/20.7	10.2/10.5	186/185	7441/7524	
9 M 46 DF	8100	7768	9720	50/60	500/514	21.3/20.7	10.2/10.5	186/185	7441/7524	

Stroke: 610 mm
Bore: 460 mm

Specific lubricating oil consumption 0.6 g/kWh, ± 0.3 g/kWh
LCV = 42700 kJ/kg, without engine-driven pumps, tolerance 5% for liquid fuel
LCV = 31.5 MJ/Nm³ for gas fuel
Generator efficiency: 0.96, cos ϕ : 0.8

Note: 5% tolerance +1% per pump



Genset centre distance: min. 3700 mm

Removal of cylinder liner:
in transverse direction 6609 mm