

LAMPIRAN 7

Main Particular : Wartsila12V50DFx3,6L50DFx1

	unit	12V50DF	6L50DF		
Engine Output	kW	11,400	5,700		
Cylinder Bore	mm	500	500		
Stroke	mm	580	580		
Swept Volume	dm	1,367	683		
Mean Effective Pressure, Engine Speed 500/514 rpm	Mpa	2.0/1.95	2.0/1.95		
Mean Piston Speed, Engine Speed 500/514 rpm	m/s	9.7/9.9	9.7/9.9		
Fuel Gas Sistem					
	Unit	12V50DF	6L50DF		
		Gas	Gas		
Gas pressure at engine inlet, min	Mpa	0.39	0.39		
Gas pressure at gas valve unit, min	Mpa	0.44	0.44		
Gas temperature before engine	°C	0-50	0-50		
Exhaust Air System					
	Unit	12V50DF		6L50DF	
		Gas	MDF	Gas	MDF
Exhaust gas flow, 100 %	kg/s	18.2	23.8	9.1	11.9
Exhaust gas flow, 75 % load	kg/s	14.4	18.8	7.2	9.4
Exhaust gas flow, 50 % load	kg/s	10.2	13.5	5.1	6.7
Exhaust gas temperature after turbocharge 100 % load	°C	400	348	400	348
Exhaust gas temperature after turbocharge 75 % load	°C	430	344	430	344
Exhaust gas temperature after 50 % load	°C	450	370	450	370
Exhaust gas back pressure, rec. max	kPa	4	4	4	40

Sumber : *Manual book DFDE 2017*