

Ricardo Marine Diesel Engine Technical Data Sheet

Engine Model	495C	4100C	4100ZC	R4105ZC	R6105ZC	R6105AZLC	R6105IZLC	R6108IZLC	HD6126ZLC2	HD6126ZLC5	HD6126ZLC6	HD6126IZLC	HD6126IZLC1
From	Four stroke, water cooled, inline												
Rated power / speed kw/rpm	26.5/1500 30/1800	30.1/1500 33/1800	41.2/1500 48/1800	56/1500 67/1800	84/1500 94/1800	110/1500 125/1800	132/1500 145/1800	155/1500	176/1500 176/1800	205/2100 205/2100	225/2100	258/1800	288/1800
Intake mode	inhale naturally		Pressurization			Turbocharged			Turbocharged			Turbocharged	
Number of cylinders	4	4	4	4	6	6	6	6	6	6	6	6	6
Bore diameter * stroke mm	95*115	100*115		105*125		105*130	105*135	108*135	126*130			126*155	
Compression ratio	19:1		17:1	16:1 19:5				16:1 19:10			16.5:1		
Exhaust temperature ° C	≤470		≤540	≤600				≤550					
Fire order	1-3-4-2				1-5-3-6-2-4				1-5-3-6-2-4				
Fuel consumption g/kw.h	≤251.6			≤239	≤231	≤224			≤215			≤197	
Displacement L	3.26	3.61		4.33	6.49	6.75	7.1	7.1	9.726			11.6	
cooling method	7.1												
Crankshaft steering	Counterclockwise (viewed from the power output shaft)												
Lubrication method	Pressure and splash combination												
Starting method	Electric start												
Net weight kg	320	340	390	435	570	580	580	590	950	950	950	1000	1000