

Nimbus 305 Coupé

Volvo Penta D4-270

Boat specification

Boat model	Nimbus 305 Coupé
Length	10.07 m / 33 ft 0 in
Width	3.25 m / 10 ft 8 in
Fuel tank capacity	250 l / 66.0 US gal
Water tank capacity	150 l / 39.6 US gal
Weight (dry weight)	4 100 kg / 9 040 lb

Engine, Transmission, Propeller

Engine	Volvo Penta D4 199 kW/270 hp
Number of cylinders	4
Weight	610 kg / 1345 lb
Gear ratio (HS68IV)	2.477
Propeller type	Veem 3411151
Propeller diameter / pitch	N/A
Nr. of blades	5

Test data

Top speed	23.9 knots / 27.5 mph
Acceleration 0 - 20 knots	12.5 sec
Acceleration 0 - 23.9 knots	25.0 sec



Test conditions

# of crew	1
Displacement	5400 kg / 11904 lb
Fuel quantity	50%
Water quantity	0%
Anti-fouling	Yes
Speed checked by	GPS
Weight checked by	EST
Wind speed	4.2 m/s / 9.4 mph
Ambient air temp.	12.4 C / 54.3 F
Water temp.	7.5 C / 45.5 F
Water type	Salt
Sea condition	Calm
Test location	Gothenburg, Sweden
Test performed by:	Niclas Augustin
Test date	2024-04-26

Additional notes

Teak deck
Anchor winch

Test data	Speed		Noise	Fuel consumption			
RPM	knots	mph	dB	l/hr	l/nm	gph	mpg
Idling	3,6	4,1		1,1	0,3	0,3	14,9
1 000	5,0	5,7		2,6	0,5	0,7	8,3
1 500	7,2	8,2		6,4	0,9	1,7	4,9
2 000	8,7	10,0		15,0	1,8	4,0	2,5
2 500	13,0	15,0		24,5	2,0	6,5	2,3
3 000	18,4	21,1		35,5	2,0	9,4	2,3
3 500	23,2	26,6		50,5	2,2	13,3	2,0
3 550	23,5	27,0		53,0	2,3	14,0	1,9