

COX

Performance Report

Ockelbo B25 CAB - COX 300 Diesel V8

Testing conditions

Date for testing	2024-10-10
Air temp., Water temp. Celsius	13, 13
Wind	7 m/s
Type of water	Blackish water
Amount of fuel in the boat (L)	300
No. of passangers	3
Trim tabs	Zipwake, not used
Other information:	Used boat, rinsed hull, 100 kg equipment

Test data

Acceleration 0-planing (Seconds)	6,9 s
Planing (knots)	17

RPM	Speed (Knots)	Fuel consumption (L/hr)	Fuel consumption (L/Nm)
Idle	5,0	2,7	0,54
1000	6,2	3,9	0,63
1400	7,9	10,2	1,29
1800	8,9	18,9	2,12
2200	11,1	29,0	2,32
2400	22,0	27,3	1,24
2600	26,2	32,0	1,22
2800	28,0	33,5	1,20
3000	31,8	41,5	1,31
3200	34,0	54,0	1,59
3600	40,0	72,0	1,80
4000	41,5	75,5	1,82

COX 300 V8 Diesel



Boat

Boat model	B25 CAB
Material	Aluminium
Length over all	7,9
Width	2,55
Weight without engine	1805
Hull angle	19,7
Hull type	STD
Recommended engine	225-300
Fuel capacity (L)	300
Steering	Electro hydraulic

Propeller

Type	Enertia ECO
Diameter / Pitch	16 x 22,5
No. of blades	3
Material	Steel

Engine

Engine	CXO 300
Hp at the propeller	300
No. of cylinders / ccm	8 / 4,4 L
Weight (kg)	393
Gear ratio	1,46:1
Mounting height	# 1
Bracket	-
Shaft length	30"