

COX

Performance Report

RUPERT R8 DBS - COX 300 Diesel V8

Testing conditions

Date for testing	2023-05-17
Air temp., Water temp. Celsius	13, 13
Wind	5 m/s
Type of water	Salt water
Amount of fuel in the boat (L)	200
No. of passengers	2
Other information:	
	100 kg equipment

Test data

Acceleration 0-planing (Seconds)	N/A		
Planing (knots)	16,7		
RPM	Speed (Knots)	Fuel consumption (L/hr)	Fuel consumption (L/Nm)
Idle	4,8	1,9	0,4
1000	5,8	3,6	0,62
1600	10,0	12,4	1,24
1800	15,0	16,5	1,1
2200	20,0	19,8	0,99
2500	25,0	22,5	0,9
2700	30,0	27,9	0,93
3000	35,0	33,6	0,96
3300	40,0	44,0	1,1
3500	41,5	47,7	1,15
3700	45,0	61,2	1,36
3950	48,0	73,4	1,53

COX 300 V8 Diesel



RUPERT™



Boat

Boat model	R8 DBS
Material	Glasfibre RIB
Length over all (m)	8
Width (m)	2,75
Weight without engine	1600
Hull angle	N/A
Hull type	STD
Recommended engine	200-300
Fuel capacity (L)	250
Steering	Electro hydraulic

Propeller

Type	Enertia ECO
Diameter / Pitch	16 x 23
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	Lift
Bracket	5" adjustable lift
Shaft length	25"