

TRAILING SUCTION HOPPER DREDGER

DC Vlaanderen 3000**GENERAL DATA**

IMO Nr	9250373
Ship Yard	Barkmeijer Shipyards, the Netherlands
Year of construction	2002
Flag	The Netherlands
Harbour of registration	Breskens
Call Sign	/

MAIN PARTICULARS

Length o.a.	89.20 m
Length b.p.p.	84.98 m
Breadth o.a.	14.00
Gross tonnage	2 744 GT
Draught full summer	5.90 m
Draught full dredging	6.62 m
Draught empty	3.30 m
Dead weight (summer)	4207 tons
Speed full	12 knots
Accommodation	7 pers

CAPACITIES

Hopper	2600 m ³
Fuel Oil	197 m ³
Ballast water	292 m ³
Fresh rinsing water	514 m ³

PROPULSION

Main engine	Caterpillar 3608
Output	900 kW

DREDGING SYSTEM

Dredging pump	IHC 150-42-75
Suction pipe	800 mm
Dredging Depth à 45°	25m
Maximum dredging depth	35 m
Dredging pump drive	Caterpillar 3512
Capacity	1450 m ³ /h
Jet pump drive	Caterpillar 3412
Output	474 kW

ELECTRIC POWER

Generator set 1	Caterpillar 3306, 181 kVA 50 Hz
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SUPPLY

Generator set 2	Caterpillar 3306 150 kVA 50 Hz
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