Equipment

Trailing suction hopper dredger

Volvox Olympia
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Name: Volvox Olympia
Type: Trailing suction hopper dredger
Classification: Bureau Veritas, I Hull, Mach AUT-UMS
SYS-NEQ1, hopper dredger, unrestricted navigation, dredging within 15 miles from shore or within 20 miles from port, dredging over 15 miles from shore with H.S. ≤ 2.5 m
Year of construction: 2003

Dimensions:
- Length overall: 96.57 m
- Breadth overall: 19.93 m
- Moulded depth: 8.20 m
- Dredging draught: 7.19 m

Hopper capacity: 4,883 m³
Deadweight: 7,393 tons
Maximum dredging depth: 32.0 m
Suction pipe: Ø 900 mm
Discharge pipe: Ø 800 mm
Speed loaded: 12.5 kn
Propulsion: 3,486 kW
Bow thruster: 550 kW
Total power installed: 6,542 kW
Inboard dredge pump: 1,755 kW
Jet pump: 1,225 kW

Contact:
Van Oord
PO Box 8574
3009 AN Rotterdam
The Netherlands
T +31 88 8260000
F +31 88 8265010
E info@vanoord.com
I www.vanoord.com