

FOUR TUNNEL THRUSTERS COMPEETE FOR DP-SHIP

Broker Info

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Listing details

Title: FOUR TUNNEL THRUSTERS COMPEETE FOR DP-SHIP
Ref No: RF190294
Price: 917,400.00
Built: 2012
Model: MARINERUS
Condition:

Additional information

Description:

I. TWO TUNNEL THRUSTERS

Type – FU-74-LTC-2000

Manufacturer – Brunvoll A/S

Production date – 2012

Classification – RMRS / DNV

Ice Class notation – Ice3

Power – 900 kW

Drive system – Electric

Thruster position – Bow center / Stern aft

Application – DP and auxiliary duty

Main components:

1. Tunnel 2000

Material: Hull Structural Steel NVA

2. Thruster Unit

- Thruster Reduction Gear with Spiral Bevel Gears, Ratio 12/51

- Controllable Pitch Propeller, Propeller Hub

Diameter – 2000 mm; Propeller speed – 280 rpm

Test pressure of servo system – 68 bar

Propeller blades material – Cu3 (CuAl10Fe5Ni5)

Blades quantity – 4

3. Hydraulic Power unit

Type – BPA PV7 16-30

- Hydraulic pump with El.Motor (3x690V; 60Hz; 3,7A; 3kW; IP55)

Test pressure – 70 Bar

FOUR SQUIRREL-CAGE MOTORS

Type – M3BP
450LC6V1

Manufacturer – ABB Oy Motors and Generators

Technical data:

Power – 900 kW

Voltage – 690 V D

Current – 917 A

Frequency – 60 Hz

Speed – 1193 rpm

Insulation Class – F

Protection degree – IP 55

Ambient temperature - +45oC

II. TWO TUNNEL THRUSTERS

Type – FU-63-LTC-1750

Manufacturer – Brunvoll A/S

Production date – 2012

Classification – RMRS / DNV

Ice Class notation – Ice3

Power – 860 kW

Drive system – Electric

Thruster position – Bow aft / Stern fwd

Application – DP and auxiliary duty

Main components:

1. Tunnel 1750

Material: Hull Structural Steel NVA

2. Thruster Unit

- Thruster Reduction Gear with Spiral Bevel Gears, Ratio 11/36

- Controllable Pitch Propeller, Propeller Hub

Diameter – 1750 mm; Propeller speed – 364 rpm

Test pressure of servo system – 68 bar

Propeller blades material – Cu3 (CuAl10Fe5Ni5)

Blades quantity – 4

3. Hydraulic Power unit

Type – BPA PV7 16-30

- Hydraulic pump with El.Motor (3x690V; 60Hz; 3,7A; 3kW; IP55)

Test pressure – 70 Bar

TWO

SQUIRREL-CAGE MOTORS

Type – M3BP 450LC6V1

Manufacturer – ABB Oy Motors and Generators

Technical data:

Power – 860 kW

Voltage – 690 V D

Current – 877 A

Frequency – 60 Hz

Speed – 1193 rpm

Insulation Class – F

Protection degree – IP 55

Ambient temperature - +45oC

CONTROL

SYSTEM (SPX – VP)

Software version – PS4.145.212

Main components:

1. Main Control Panel (Level / Start-Stop) – 2 pcs.
2. Auxiliary Control Panel (Level) – 1 pc.
3. Electronic Control Cabinet
4. Hydraulic Pump Starter 3x440V; 60Hz; 6,5 A

PRICE – 917 400 EURO per full SET

MARINERUS

Ship sale and purchase

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