

## 28000 kW, 6600V New-Rolls Royce Diesel Power Plant [Inventory ID #239378]



### Rolls-Royce Engine details:

- 5587kW Engine X 2
- Make: Rolls-Royce(Norway)
- Manufacturing year: 2015
- Model:B32:40V12A
- Rated Power(Mechanical):5760kW
- Rated Power(Electrical):5587kW
- Number of Cylinders:12
- Engine speed:720
- Fuel: MDO
- Heavy duty type
- Turbocharged
- Water cooled
- Fuel consumption(g/kWh):184
- Lubricating oil consumption(g/kWh):0.8
- Cooling Water temp. engine outlet temperature:90 degree
- Certificated meet IMO Teir 2
- Size:6040mm x2712mmx4526mm(H)
- Weight Approx.:56ton
- Marine classification:DNV /Offshore
- Ambient temperature:55 degree
  
- 4190kW Engine X 4
- Make: Rolls-Royce(Norway)
- Manufacturing year: 2015
- Model:B32:40L9A
- Rated Power(Mechanical):4320kW
- Rated Power(Electrical):4190kW



- Number of Cylinders:9
- Engine speed:720
- Fuel: MDO
- Heavy duty type
- Turbocharged
- Water cooled
- Fuel consumption(g/kWh):184
- Lubricating oil consumption(g/kWh):0.8
- Cooling Water temp. engine outlet temperature:90 degree
- Certificated meet IMO Teir 2
- Size:6943mm x2041mmx3899mm(H)
- Weight Approx.:46ton
- Marine classification:DNV /Offshore
- Ambient temperature:55 degree

#### Generator 1:

- Make:ABB
- Manufacturing year: 2015
- 5587kW
- Voltage:6600V
- Current:611A
- Frequency:60HZ
- RPM:720
- Power factor:0.8
- Direction of rotating:CCW
- Size:3590mm x2490mm x3010mm(H)
- Weight:20.2ton

#### Generator 2:

- Make:ABB
- Manufacturing year: 2015
- 4190kW
- Voltage:6600V
- Frequency:60HZ
- Current:458A
- RPM:720
- Power factor:0.8
- Direction of rotating:CCW
- Size:3410mm x2240mm x3005mm(H)
- Weight:20ton

#### Heat Exchange:

- Coolant flow: 19m<sup>3</sup>/hour
- Location: Offshore

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