

SPARE GEAR for the Machinery of

Steel Twin Screw Motor Vessel "KEDOE" of Rotterdam.

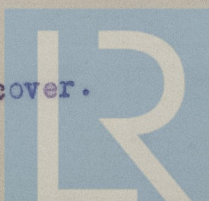
Burmeister & Wain's Yard No. 317.

Burmeister & Wain's Eng. No. 842 & 843.

Main Diesel oil engines with air compressors.

- ✓ One cylinder cover.
- ✓ 8 Cylinder cover studs with nuts.
- ✓ One cylinder liner.
- 3 connecting rod bottom-end top-brasses.
- ✓ 6 connecting rod bottom-end bolts and nuts.
- 1721. 4 connecting rod top-end bottom brasses.
- ✓ 8 connecting rod top-end bolts and nuts.
- 5 1/2. 12 1/2. 2 pair of main bearing brasses.
- ✓ 8 main bearing studs and nuts.
- ✓ 1 piston with packing rings, piston and nuts ready for insertion.
- ✓ 24 piston packing rings.
- 3 piston scraping rings.
- 6 piston ~~and~~ rod stuffing boxes.
- 2 scraping rings for the piston rods.
- ✓ 12 exhaust valves with chests, spindles, seats, springs &c. ready for insertion.
- ✓ 3 exhaust valves with spindles.
- ✓ 2 starting valves with chests, spindles, seats, springs &c. ready for insertion.
- ✓ 6 fuel valves with chests, spindles, seats, springs &c. ready for insertion.
- ✓ 3 fuel valve spindles.
- ✓ 6 bottom pieces for fuel valves.
- ✓ 1 guide pulley with bolt for exhaust valve guide arms.
- ✓ 1 do. for air-inlet valve guide arms.

- 1 guide pulley with bolt for starting valve guide arms.
- 1 do. for fuel valve guide arms.
- 6 pistons for the fuel pumps.
- 1 regulator shaft with arms and levers for the fuel pumps.
- 6 suction valves for the fuel pumps.
- 6 delivery valves for the fuel pumps.
- 2 spindles for the cooling water exhaust valves on cylinder covers.
- 3 thermometer fasteners for the cooling water eduction pipes.
- A quantity of assorted leather collars and packings for the fuel pumps.
- 6 exhaust valves.
- 6 air inlet valves.
- 6 fuel valves.
- 12 starting valves.
- 6 lifting gear for exhaust valves.
- 6 fuel pump delivery valves.
- 6 do. suction valves.
- 6 do. check valves.
- 2 suction valves for the hand oil pump.
- 2 delivery valves for do.
- 2 le vers for the reversing gear.
- 1 starting valve for do.
- 3 starting-air slide valves.
- 2 levers for the starting air slide valve.
- ✓ 2 H.P. suction valves for the air compressor.
- ✓ 2 H.P. delivery valves for do.
- ✓ 2 M.P. suction valves for do.
- ✓ 10 M.P. delivery valves for do.
- ✓ 10 L.P. suction valves for do.
- ✓ 10 L.P. delivery valves for do.
- ✓ 1 spare set of springs complete for one air-compressors.
- 1 lever for the regulator.
- 6 safety valves for cylinder cover.



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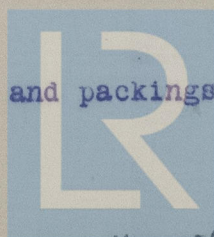
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- 1 safety valve for the fuel pump.
- 1 do. for M.P. air-cooler.
- 1 do. for L.P. do.
- 1 do. working air receiver.
- 6 springs for the indicator levers.
- 2 governors for main engines.

Auxiliary Diesel oil engines and air compressors.

- ✓ 6 cylinder cover studs with nuts.
- 6 connecting rod bottom-end brasses.
- ✓ 2 connecting rod bottom-end bolts and nuts.
- 1 pair connecting rod top end brasses.
- ✓ 1 pair of main bearing brasses.
- ✓ 4 main bearing studs and nuts.
- ✓ 12 piston packing rings.
- 2 piston scraping rings.
- ✓ 4 exhaust valves with chests, spindles, seats, springs &c.
ready for insertion.
- ✓ 2 fuel valves with chests, spindles, seats, springs &c. ready
for insertion.
- ✓ 2 fuel valves.
- ✓ 2 fuel valve spindles.
- ✓ 4 exhaust valves.
- ✓ 2 air-inlet valves.
- ✓ 2 starting air valves.
- 1 overflow valve.
- 2 safety valves for cylinder covers.
- 4 fuel pump suction valves.
- 4 do. delivery valves .
- 1 do. piston.
- 1 do. check valve.
- 1 do. regulator.
- A quantity of leather collars and packings for the fuel pumps.



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1 governor complete.

1 starting lever.

2 guide arms.

One lubricating oil filter.

1 safety valve for the fuel distributor.

1 do. for the fuel pump.

✓ 2 H.P. suction valves for the air compressor.

✓ 2 H.P. delivery valves for do.

✓ 2 L.P. suction valves for do.

✓ 2 L.P. delivery valves for do.

✓ 7 H.P. piston packing rings.

✓ 4 L.P. do.

2 H.P. scraping rings.

1 L.P. do.

✓ 10 intermediate rings.

1 H.P. air cooling coil with flange and union complete.

1 safety valve for the intermediate air cooler.

1 safety valve for the working air receiver.

Auxiliary air compressor.

10 H.P. piston packing rings.

10 M.P. do.

4 L.P. do.

3 piston scraping rings.

1 pair of connecting rod top-end brasses.

1 pair of connecting rod bottom end brasses.

2 connecting rod bottom end bolts and nuts.

1 H.P. suction valve.

1 H.P. delivery valve.

5 M.P. suction valves.

5 M.P. delivery valves.

5 L.P. suction valves.

5 L.P. delivery valves.



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- 1 H.P. air cooler with flange and union complete.
- 4 valve spindles suitable for the valves on air-receivers.

✓ A quantity of copper and brass pipes, flanges, unions &c.
suitable for the air coolers.

- 1 half set of valves with seats for the bilge pumps.
- 1 half set of valves with seats for the sanitary pumps.
- One set of wings with guides for the ballast pumps.

Donkey Boiler.

- One safety valve spring.
- One feed check valve.
- 1 half set of valves for the boiler feed pump.
- 6 water guage glasses.

Shafting.

- One propeller shaft with nut.
- 2 cast iron propellers.
- One sternbush complete.
- One outer and inner Cedervall's patent lubricating box.
- ✓ One set of coupling bolts and nuts.
- ✓ A quantity of assorted bolts and nuts.
- ✓ Lengths of pipes suitable for the fuel delivery and the blast
pipes to the cylinders, and the delivery from the air
compressors to the receivers, with unions and flanges &c.
suitable for each.

Various spare parts and fittings for the electric dynamos and
motors and for the electric lighting and power installation.



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