

Bremer Vulkan 9 Tagesack

290

720 - 1190 - 1920

300

14 Oct KP. F.D.

Total Net 5800

Propellers 5600 dia' x 5800 feet

	Rule	As made
Knapping:- Grand Knapp	388.5	390
Thrust - "	388.5	390

Intermed. coils. 2 Bearings each length 370.  $\left\{ \begin{array}{l} \underline{365} \text{ at body} \\ 370 \text{ at bearing} \end{array} \right.$

Screw shafts, rollers. Old rule  $\underline{421}$  }  $\left\{ \begin{array}{l} 400 \text{ at cone} \\ 406 \text{ fore end} \\ \text{of stem tube.} \end{array} \right.$   
has rule 426  
Rule size of Contour  
lines would be  $\underline{401}$

Screw shaft coupling boxes fitted with suitable bolt-  
keys & locking collars. Sheet & of substantial size.  
Item made N. M. Steep 1650 long.

Pumps In Dry air ~~at~~ <sup>the</sup> wells & sanitary pumps { 1 bipe 1357 Dec 630 H<sup>t</sup>  
1 air 650 .. } Rock Engine

Compressor 220 Cyl x 100 St. Impeller 1000 2 in.

Feed pump New type "Hot-tank" etc 420 x 300 x 6 7/8 8 lbs. Steel

1 Duplex pump Starva. 150x170x300

1 " Ballast Port 240 x 340 x 350 Sootless

such Cond. will pumps, Vaporator, Heater &c

Dumping Arrangements

Fore peak Plume worked from upper deck drain to h<sup>o</sup>l

101 Beltz Whip 90 dia. Drain hot Center 60. DB tank 100 dia

602	"	"	"	"	"	" No 2 f 3 + Double tank
603	-	-	-	-	-	100% Suction Pack side Centre
						No 4 f 5 as above

FD Space 106.7.8 Double DB tanks Suction 90 to 100.7 dia. & sufficient etc  
Belts 2x90, 2x100 Belt direct 2x200 Belt Injection

04 Hold wing bilge 90 DB tank suction 100 dia.  
to 5  
106 DB tank 1 x 100 duct Suction in holds between tanks

small well 2 x 90

After peak 60 stn suction:

No Hand Pumps

W 176-0189(112)

(314)

W176-0189(212)

# Heisland No.

rollers 4950 dia x 3735 long N.P. 14 3 laps  
Single dia Total HS 1450 m<sup>2</sup> GS 31.5 m<sup>2</sup> 16 inch 90 dia

material Shell & Stays 45-53

38 thick Scalloped Stays 28 1/2 bolts  
x 85% = 15.2 kg  
side stay should be 31 1/2

Ring.  
Tunnaces 41-47  
Other plates 34-41  
Shell welds 41-47  
Other "  
all stays. 34-41

ole. 440 x 540 ring 38 x 350 inch dia

27 1/2 = 15.8

75 dia = 19.4 at 33 tons

W Space 27 1/2 = 16.7 Lower corner food

acc. 18 = 17 kg. Suspension type

bottom 13 1/2

overback 15 1/2 = 21.4 Bottom part 3 x 56 dia stay + 20 double

Taleft 13 alternate tubes stay.

res. 83 x 4 Stay tube 83 x 6 to 8 1/2 thick

Plating Backs 17. Tops & sides 17 1/2 bolts 13

to C.C. 17 1/2. Loop pitch = 18.1. Stay 15 1/8 to 2 1/2 26 kg + upper

orders 440 x 38 = 11.5 at 34 tons the actual tons  
could require to be 41 1/2 kg to give 14 kg pressure

The tunnel shafts are 5% below size or 14% in strength

Screw 21 1/2 or 14%  
they are however 26% stronger than tunnel shafts  
ie as regards torsional strength

No hand pumps are fitted

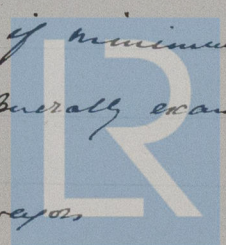
C.C. feeders are light if minimum basis of 34 be taken

is verified & machinery generally examined in the case

land & timber stand

aged & tested by G.L. Surveyors

near to f.d. & far beyond our requirements



Lloyd's Register  
Foundation

28.8.20