

# M/V REK KING

## Technical Specifications

IMO Number	9085895
Flag	Panama
Call Sign	H3IV
Delivered	1997
Classification	IRS class
Type	SUL, BULK CARRIER, ESP, LOAD COMP(2)
Special Features	Strengthened for heavy cargoes, Equipped for Bulk Cargo and Hold Nos 1 and 3 may be empty, Ha



### DIMENSIONS AND MAIN DATA

Length Overall	143.5 M
Length Between PP.	134.0 M
Breadth Moulded	22.0 M
Depth to Main Deck	12.23 M
Summer deadweight	16.856,7mt
Summer draft	8.814 m
Winter deadweight	16.354,8 mt
Winter drafts	8.631 m
Air draft from	
(F = 4.28, A = 6.45)	34, 10 M
TPC (summer salt)	27.02
Maximum distance from waterline to top of hatch coaming	9.7 m
Maximum distance from waterline to top of hatch cover	10.3 m
Summer Freeboard	3.419 m
GT/NT	10490 / 5264
Panama net tonnage	8848
Suez GT/NT	11,080.71 / 8,965.55
Suez Canal ID Number	YCD 521049

### HOLDS/HATCHES

N° of Holds/Hatches	4/ 4
Hatch cover type	MAC CREGOR
Hold ventilation	6 Air changes/Hour

### DECK STRENGTH

Uniform hatch covers loads per m <sup>2</sup>	1.77 T/m <sup>2</sup>
Uniform main deck load per m <sup>2</sup>	2.38 T/m <sup>2</sup>
Uniform tank top load per m <sup>2</sup>	
1+3=12.28 T/m <sup>2</sup> - 2+4 = 14.14 T/m <sup>2</sup>	

### MACHINERY

Machinery notation	IY
Main Engine	B&W MAKITA 6L35 MC
Auxiliary Engine	DAIHATSU 6PSHTb-26H
Number/ Generator (3)Output (KW)	551 KW- 6888.75 kVA
Emergency Engine	1X Scania Diesel Generator - Output: 190 KW at 1.500 RPM

**Propeller** FIXED 5 blades/D-5.6 m/92.6 rpm

### SPEED/CONSUMPTION BALAST

11.00 knots/ 13.00 MT IFO 380 CST + 1 MT (AUX ) MGO

### SPEED/CONSUMPTION LADEN

10.00 knots / 12.00 MT IFO 380 CST + 1.2 MT (AUX ) MGO

### CONSUMPTION IDLE / WORKING

#### CARGOS

Vertical distance from top of wing tant (Approximate due hold configuration)

HOLD 1	2.3 – 5.2 M
HOLD 2	2.3 M
HOLD 3	3 M
HOLD 4	2.3 M

#### Distance from ship's rail to inside of hatch coaming:-

HOLD 1	D= 5.35 – 4.10 M
HOLD 2	D= 5.35 M
HOLD 3	D= 5.35 M
HOLD 4	D= 5.35 M

### DISTANCES

Summer waterline to top of hatch coaming No.1/2/3/4	5.09M
Summer waterline to top of hatch cover No.1/2/3/4	5.79m

**Ballast tanks capacity** 6408,46 cbm

**Ballast pumps capacity** 500 cbm/hr (01)

### CARGO GEAR:-

Type of crane	BTT5 2522 (ELECTRO/HYDRALUIC DECK CRANE).
Number of cranes	2
Safe working load	25 T
Slewing speed	0.7 rpm (Average speed)
Cycle/hour	Approx. 20 cycles/hour
Hoisting speed	24/36/48 M/MIN
Topping speed	36/48 M/MIN
Working radius	22-25 M

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