



ATLANTIC RO-RO CARRIERS LINE

RO-12 Type

Single screw, double-deck motor ship with surplus freeboard, long forecastle, bow ramp, after engine room and house, bulbous bow and transom stern. The ship carries vehicles, roll trailers, containers including reefer units and general cargo.

Classification: KML2 RO-RO

Length overall	m	138.95	
Breath moulded	m	19.20	
Depth moulded	m	13.10	
Deadweight	t	4,600	
Draught (max summer draught)	m	6.62	
Displacement (max summer draught)	t	10,620	
Displacement t/cm draught		19.00	
Register tonnage			
GT		8,545	
NT		2,563	
Speed (knots)			
Fully loaded		14.0	
In ballast		14.5	
Navigation range (miles)		12,000	
Fuel	Total store (ml)	Daily consump.(ml)	
		At sea	In port
IFO 180	720	18.0	0.0
MGO	180	2.0	2.0
Main Engine Output	bhp	6100	
Air changes per hour		10.0	20.0

Dimensions and Capacities of Cargo Spaces:

Holds dimension (m)		Cargo capacity (m ³ /ft ³)	
Length	Height	Bale	
63.4	4.25/2.5	3,925/138,552	
Tweendecks			
62.1	5.22/2.7	7,685/271,280	
Total cargo capacity		11,610/409,832	
Cargo handling equipment			
Hydraulic lift		1/40t	
Permissible load (mt/sq.m)			
Upper deck		2.4	
Main deck		2.7	
Tanktop hold		12.5	
Bow ramp particulars			
Carriage length		23.0m	
Carriage width		5.0m	
Max, load		65.0 t	
Drive-in height		4.5 m	
	Containers 20'	Roll-trailers 20'	Roll-trailers 40'
			Cars
On tank top	42	34	16
On hold platform			71
On main desk	123	51	26
On tweendesk platform			117
On upper desk	77	40	22
Total	242	125	64