



ATLANTIC RO-RO CARRIERS LINE

"Astrakhan" Mark III Type

"Astrakhan" type vessels are designed to carry a wide range of cargoes: containerized, Ro-Ro, general, bulk, heavy-lift, oversized.

Combination of Ro-Ro and Lo-Lo cargo handling ensures maximum berth time cutting in port.
The vessel has two decks, one propeller, and a bow thruster.

Classification: KML2A1

Length overall	m	173.50
Breadth overall	m	23.05
Depth to main deck (weather deck)	m	13.70
Depth to 2 nd deck (tweendeck)	m	8.30
Full summer draft	m	10.37
Full displacement	t	27,851
Unloaded displacement	t	9,120
Deadweight	t	18,731
Carrying capacity	t	*see note below 17,510
Tonnage x 1 cm draft	t	30
Sailing range		Unlimited
Register tonnage		
GRT		16,075
NRT		8,471
Fuel capacity (heavy+motor)		2,613
Fuel viscosity	cSt	180
Fuel consumption per day		
at sea/in port	t	30/4
Cargo gear		
Electric hydraulic cranes		5 x 2.5 t
		coupled variant is possible
Ramp		
length	m	25.00
height	m	4.50
breadth	m	5.80
max load	t	45(18t/axle)
Min/max quay height	m	1.6/4.0

* Carrying capacity – depends on stores; DWT – stores = carrying capacity

Dimensions and Capacities of Cargo Spaces:

Cargo hold capacity		
bulk cargo	m ^a	20,311
general cargo	m ³	25,419
Container capacity		
TEU		716
It is possible to carry 30 refrigerated containers as well		
Deck for Ro-Ro cargo		
cars		242
lorries		83
trailers with 20 TEU		74
HATCH dimensions, mm		
Hold No. 1		12,505x7,600
Tweendeck No.1		12,505x7,600
Hold No.2		26,105x12,500
Tweendeck No.2		26,400x12,500
Hold No.3		33,300x12,500
Tweendeck No.3		33,600x12,500
Hold No.4		12,505x12,500
Tweendeck No.4		12,800x12,500