



ATLANTIC RO-RO CARRIERS LINE

"Astrakhan" Mark I 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: KML2A2

Length overall	m	173
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	10.36
Full displacement	t	27,956
Unloaded displacement	t	8,920
Deadweight	t	19,036
Carrying capacity	t	*see note below 15,987
Tonnage x 1 cm draft	t	30
Sailing range		Unlimited
Register tonnage		
GRT		15,893
NRT		8,545
Fuel capacity (heavy+motor)		2,390
Fuel viscosity	cSt	180
Fuel consumption per day		
at sea/in port	t	31/4
Cargo gear		
conventional derricks		2 x 2.5 t
heavy-lift derricks		1 x 125 t
cranes (electrical)		4 x 12.5 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 ³	20,439
general cargo	m ^a	25,677
Container capacity		
Container capacity	TEU	577
It is possible to carry 30 refrigerated containers as well		
Deck for Ro-Ro cargo		
cars		232
lorries		81
trailers with 20 TEU		90
HATCH dimensions, mm		
Hold No. 1		12,505x7,600
Tweendeck No.1		12,505x7,600
Hold No.2		26,105x11,900
Tweendeck No.2		26,400x12,500
Hold No.3		33,300x11,900
Tweendeck No.3		33,600x12,500
Hold No.4		12,505x12,500
Tweendeck No.4		12,800x12,500