



Technical characteristics of floating docks

	Unit	219	170	12	408
The start of operation of the dock	Year	1969	The dock renovated in the 2020 year	1975 The dock renovated and modernized in the 2020 year	1962
Safe working load during lifting the dock (according to the dock passport)	thousand tons	27	30	33	4,5
Safe working load during lifting the dock (according to the registry's recommendation)	thousand tons	27	30	33	3,5
Safe working load during lifting the dock (winter period)	thousand tons	16	24	26	3,0
<b>Dock particulars</b>					
Length	m	199,7	201,375	235	101
LOA	m	217,7	225,78	252	-
Max. Breadth	m	41,65	45	53	27,4
Breadth between dock towers	m	30,5	36,6	45,2	21,6
Breadth of the dock tower	m	29	1	0,6	19,7
Breadth on the entrance to the dock between fenders	m	29,6	34	44	18,75
The height of the dock tower from the main deck	m	14,7	13,1	13,6	10,6
The height of the dock pontoon	m	6,0	5,75-4,98	4,8-4,6	4,0
The height of the keel blocks from the main deck	mm	1300	1500	1500	1400
Max. Length of the vessel	m		220	230	
Max. Breadth of the vessel	m		32	42	
<b>Maximum immersion depth (without trim of the dock) – water column height</b>					
According to passport data	m	8,7	9,0	9,7	7,4
Actual characteristics	m	5,5	8,3	9,7	2,8 (5,5)
<b>Dock cranes particulars</b>					
Quantity of cranes	unit	2	2	2	2
Safe working load (SWL)/working	t/m	Big hook	Big hook	12 Max. 12 t.	5/7:15

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radius		15/15:18 max.15 t. Small hook 3/16:26	15/20,9 Max.15 t. Small hook 3/26		3,2/15:23
Working radius min/max	m	15/26	14,2/26	8,7/26	7/23
The height of the hook above the main deck in the area of diametrical plane of the dock	m	30,5	35	31,7	22
Maximum current of the welding equipment (Amount of equipment x power of one equipment)	A	2x1600 1x1200 1x1000	1600A	4x1600A	1x1000
<b>Electricity for the docked object</b>					
Alternating current 50Hz 380V	kW	250	3x1600A	750kw 1600A	70
Alternating current 50Hz 220V	kW	10			50
Alternating current 50 Hz 127V	kW	-			-
Constants current 220V	kW	-			-
Constants current 110V	kW	4x75			-
Windlasses	pc	4/4	6x8	2/6	6
Tension force	t	8/10	2x5	6/12	5
The height of the keel blocks	mm	1300	1500	1500	1400
<b>Ballast pumps</b>					
Amount	pc	20	6	6	6
Pump rate	m <sup>3</sup> /hour	1100	4000	3500	1325
Electric motor power	kw	33	180	105	75
<b>Fire pumps</b>					
Amount	pc	2/2	2	2	3
Pump rate	m <sup>3</sup> /hour	300/60	150	100/200	63
Electric motor power	kw	130/35	72	20/120	25

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