

OPERATION MANUAL
CERTIFICATE

MOTOR ROWING BOATS

GLADIATOR

INFLATABLE



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Please make yourself fully conversant with this manual.

This publication will help answer most of the questions you may have about your new boat.

If you have any additional questions after reading this publication, please contact your dealer.

All information in this manual is based on the latest product information available at the time of printing.

Due to our policy of continuous product improvement, we reserve the right to change specifications and models, or discontinue models, at any time without prior notice.

We also reserve the right to change specifications, parts, or accessories at any time without any obligation to install them on models manufactured prior to the date of change.

This manual shall be read by everyone who operates the boat!

SPECIFICATIONS

CAUTION Parameters and dimensions of the vessel models are specified for the air-filled condition at the operating pressure, with board inflatable tubes at 25 kPa, and the bottom (if present) at 35 kPa.

* Under different operating conditions, LWH and weight of the boat may slightly vary.

"GLADIATOR inflatable" motor rowing boats

SIMPLE (A) Series

Parameters	A280 HTH	A280 TH	A280 TK	A300 HTH	A320 TH	A320 TK	A340 TK
Dimensions and weight							
Overall length, m	2.8	2.8	2.8	3	3.2	3.2	3.4
Maximum length, m	2.8	2.8	2.8	3	3.2	3.2	3.4
Overall width, m	1.47	1.5	1.5	1.5	1.5	1.5	1.5
Maximum width, m	1.47	1.5	1.5	1.5	1.5	1.5	1.5
Cockpit length, m	2.07	1.75	1.75	2.27	2.13	2.13	2.31
Cockpit width, m	0.67	0.68	0.68	0.67	0.68	0.68	0.68
Transom thickness, mm	18	18	18	18	18	18	18
Transom height, mm	381	381	381	381	381	381	381
Empty boat weight, kg	21	30	40	23	33	42	46
Weight of the assembled boat (without outboard boat motor, battery and fuel), kg	31	40	50	33	43	52	56
Boat weight for transportation on a trailer, kg	63	122	132	65	125	134	138
Boat weight during speed tests, kg	141	183	193	143	189	198	202
Fully loaded boat weight, kg	281	440	450	283	543	552	556
Full displacement, m ³	0.28	0.44	0.45	0.28	0.54	0.55	0.56
Load							
Maximum number of people on board, pers.	2	3	3	2	4	4	4
Crew weight, kg	150	225	225	150	300	300	300
Supplies and goods	50	75	75	50	100	100	100
Weight of outboard boat motor, kg	20	36	36	20	42	42	42
Battery weight, kg							
Fuel tank volume, l	24	24	24	24	24	24	24
Fuel weight, kg	18	18	18	18	18	18	18
Weight of additional equipment, kg	12	46	46	12	40	40	40
Maximum load capacity, kg	250	400	400	250	500	500	500
Propulsion system (outboard boat motor)							
Maximum engine power, kW	2	7	7	2	11	11	11
Maximum engine power, hp	3.5	9.8	9.8	3.5	15	15	15
Control (tiller - T / remote control - RC)	T	T	T	T	T	T	T
Inflatable boat hull							
Number of inflatable chambers, pcs.	2+1	3+1	3+1	2+1	3+1	3+1	3+1
Board tube diameter, m	0.4	0.41	0.41	0.4	0.41	0.41	0.41
Board tube length, m	5.6	5.6	5.6	6	6.4	6.4	6.8
Board tube volume, m ³	0.7	0.7	0.7	0.8	0.8	0.8	0.9
Inflatable floor volume, m ³	0.4	0.4	0.4	0.5	0.5	0.5	0.5
Bulwark volume, m ³							
Inflatable tube total volume, m ³	1.1	1.2	1.2	1.2	1.3	1.3	1.4
Tube / low-pressure inflatable bottom air pressure, kPa	25/35	25/35	25/35	25/35	25/35	25/35	25/35
Safety indicators							
Maximum travel speed, km/h	10	25	25	10	50	50	50
Boat type as per GOST R 53446	II			II			
Boat type as per GOST R 53447		V	V		V	V	V
Boat type as per GOST R 53448							
Height of the observed significant wave, m		0.3	0.3		0.3	0.3	0.6
Navigation area as per Technical Regulations of the Customs Union 026/2012	N/A	IV(IV)	IV(IV)	N/A	IV(IV)	IV(IV)	IV(IV)

LIGHT (B) Series

Parameters	B270 AD	B300 DP	B300 AD	B300 AL	B330 DP	B330 AD	B330 AL	B370 DP	B370 AL
Dimensions and weight									
Overall length, m	2.7	3	3	3	3.3	3.3	3.3	3.7	3.7
Maximum length, m	2.7	3	3	3	3.3	3.3	3.3	3.7	3.7
Overall width, m	1.54	1.54	1.54	1.54	1.54	1.54	1.54	1.74	1.74
Maximum width, m	1.54	1.54	1.54	1.54	1.54	1.54	1.54	1.74	1.74
Cockpit length, m	1.83	2.03	2.03	2.03	2.21	2.21	2.21	2.41	2.41
Cockpit width, m	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.82	0.82
Transom thickness, mm	18	18	18	18	27	27	27	27	27
Transom height, mm	381	381	381	381	381	381	381	381	381
Empty boat weight, kg	35	46	37	46	50	42	50	64	64
Weight of the assembled boat (without outboard boat motor, battery and fuel), kg	50	61	52	61	65	57	65	79	79
Boat weight for transportation on a trailer, kg	132	143	134	143	147	139	147	211	211
Boat weight during speed tests, kg	188.5	204	195	204	211	203	211	269	269
Fully loaded boat weight, kg	450	561	552	561	565	557	565	729	729
Full displacement, m ³	0.45	0.56	0.55	0.56	0.57	0.56	0.57	0.73	0.73
Load									
Maximum number of people on board, pers.	3	4	4	4	4	4	4	5	5
Crew weight, kg	225	300	300	300	300	300	300	375	375
Supplies and goods	75	100	100	100	100	100	100	125	125
Weight of outboard boat motor, kg	27	36	36	36	42	42	42	80	80
Battery weight, kg									
Fuel tank volume, l	24	24	24	24	24	24	24	24	24
Fuel weight, kg	18	18	18	18	18	18	18	18	18
Weight of additional equipment, kg	55	46	46	46	40	40	40	52	52
Maximum load capacity, kg	400	500	500	500	500	500	500	650	650
Propulsion system (outboard boat motor)									
Maximum engine power, kW	4	7	7	7	11	11	11	22	22
Maximum engine power, hp	6	10	10	10	15	15	15	30	30
Control (tiller - T / remote control - RC)	T	T	T	T	T	T	T	T/RC	T/RC
Inflatable boat hull									
Number of inflatable chambers, pcs.	3+1	3+1	3+1	3+1	3+1	3+1	3+1	3+1	3+1
Board tube diameter, m	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.46	0.46
Board tube length, m	5.4	6	6	6	6.6	6.6	6.6	7.4	7.4
Board tube volume, m ³	0.7	0.8	0.8	0.8	0.9	0.9	0.9	1.2	1.2
Inflatable floor volume, m ³	0.4	0.5	0.5		0.5	0.5		0.6	
Bulwark volume, m ³				0.2			0.2		0.2
Inflatable tube total volume, m ³	1.2	1.3	1.3	1.0	1.4	1.4	1.1	1.9	1.4
Tube / low-pressure inflatable bottom air pressure, kPa	25/35	25/35	25/35	25/35	25/35	25/35	25/35	25/35	25/35
Safety indicators									
Maximum travel speed, km/h	12	25	25	15	50	50	50	50	50
Boat type as per GOST R 53446	II								
Boat type as per GOST R 53447		V	V	V	V	V	V		
Boat type as per GOST R 53448								VII	VII
Height of the observed significant wave, m		0.3	0.3	0.3	0.6	0.6	0.6	0.6	0.6
Navigation area as per Technical Regulations of the Customs Union 026/2012	N/A	IV(IV)	IV(IV)	IV(IV)	IV(IV)	IV(IV)	IV(IV)	IV(IV)	IV(IV)

ACTIVE (C) Series

Parameters	C330 DP	C330 AL	C370 DP	C370 AL	C400 DP	C400 AL	C420 DP	C420 AL
Dimensions and weight								
Overall length, m	3.3	3.3	3.7	3.7	4	4	4.2	4.2
Maximum length, m	3.3	3.3	3.7	3.7	4	4	4.2	4.2
Overall width, m	1.54	1.54	1.74	1.74	1.74	1.74	1.92	1.92
Maximum width, m	1.54	1.54	1.74	1.74	1.74	1.74	1.92	1.92
Cockpit length, m	2.21	2.21	2.41	2.41	2.71	2.71	2.76	2.76
Cockpit width, m	0.7	0.7	0.82	0.82	0.82	0.82	0.92	0.92
Transom thickness, mm	27	27	27	27	27	27	27	27
Transom height, mm	381	381	381	381	381	381	381	381
Empty boat weight, kg	55	55	72	72	80	80	84	84
Weight of the assembled boat (without outboard boat motor, battery and fuel), kg	70	70	87	87	95	95	99	99
Boat weight for transportation on a trailer, kg	161	161	219	219	227	227	281	281
Boat weight during speed tests, kg	225	225	277	277	285	285	344	344
Fully loaded boat weight, kg	645	645	737	737	845	845	999	999
Full displacement, m ³	6.45	6.45	0.74	0.74	0.85	0.85	1.00	1.00
Load								
Maximum number of people on board, pers.	4	4	5	5	6	6	7	7
Crew weight, kg	300	300	375	375	450	450	525	525
Supplies and goods	100	100	125	125	150	150	175	175
Weight of outboard boat motor, kg	51	51	80	80	80	80	120	120
Battery weight, kg							20	20
Fuel tank volume, l	24	24	24	24	24	24	24	24
Fuel weight, kg	18	18	18	18	18	18	18	18
Weight of additional equipment, kg	106	106	52	52	52	52	42	42
Maximum load capacity, kg	575	575	650	650	750	750	900	900
Propulsion system (outboard boat motor)								
Maximum engine power, kW	11	11	22	22	22	22	29	29
Maximum engine power, hp	15	15	30	30	30	30	40	40
Control (tiller - T / remote control - RC)	T	T	T/RC	T/RC	T/RC	T/RC	T/RC	T/RC
Inflatable boat hull								
Number of inflatable chambers, pcs.	3+1	3+1	3+1	3+1	3+1	3+1	3+1	3+1
Board tube diameter, m	0.42	0.42	0.46	0.46	0.46	0.46	0.5	0.5
Board tube length, m	6.6	6.6	7.4	7.4	8	8	8.4	8.4
Board tube volume, m ³	0.9	0.9	1.2	1.2	1.3	1.3	1.6	1.6
Inflatable floor volume, m ³	0.5		0.6		0.7		0.8	
Bulwark volume, m ³		0.2		0.2		0.2		0.2
Inflatable tube total volume, m ³	1.4	1.1	1.9	1.4	2.0	1.5	2.5	1.8
Tube / low-pressure inflatable bottom air pressure, kPa	25	25	25	25	25	25	25	25
Safety indicators								
Maximum travel speed, km/h	50	50	50	50	50	50	50	50
Boat type as per GOST R 53446								
Boat type as per GOST R 53447	V	V						
Boat type as per GOST R 53448	-	-	VII	VII	VII	VII	VII	VII
Height of the observed significant wave, m	0.6	0.6	0.6	0.6	0.6	0.6	0.9	0.9
Navigation area as per Technical Regulations of the Customs Union 026/2012	IV(IV)	IV(IV)	IV(IV)	IV(IV)	IV(IV)	IV(IV)	IV(IV)	IV(IV)

ACTIVE (C) Series - continuation

Parameters	C370 AL FB	C400 AL FB	C420 AL FB
Dimensions and weight			
Overall length, m	3.7	4	4.2
Maximum length, m	3.7	4	4.2
Overall width, m	1.74	1.74	1.92
Maximum width, m	1.74	1.74	1.92
Cockpit length, m	2.41	2.71	2.76
Cockpit width, m	0.82	0.82	0.92
Transom thickness, mm	27	27	27
Transom height, mm	381	381	381
Empty boat weight, kg	72	80	84
Weight of the assembled boat (without outboard boat motor, battery and fuel), kg	87	95	99
Boat weight for transportation on a trailer, kg	219	227	281
Boat weight during speed tests, kg	277	285	344
Fully loaded boat weight, kg	737	845	999
Full displacement, m ³	0.74	0.85	1.00
Load			
Maximum number of people on board, pers.	5	6	7
Crew weight, kg	375	450	525
Supplies and goods	125	150	175
Weight of outboard boat motor, kg	80	80	120
Battery weight, kg			20
Fuel tank volume, l	24	24	24
Fuel weight, kg	18	18	18
Weight of additional equipment, kg	52	52	42
Maximum load capacity, kg	650	750	900
Propulsion system (outboard boat motor)			
Maximum engine power, kW	22	22	29
Maximum engine power, hp	30	30	40
Control (tiller - T / remote control - RC)	T/RC	T/RC	T/RC
Inflatable boat hull			
Number of inflatable chambers, pcs.	3+2	3+2	3+2
Board tube diameter, m	0.46	0.46	0.5
Board tube length, m	7.4	8	8.4
Board tube volume, m ³	1.2	1.3	1.6
Inflatable floor volume, m ³			
Bulwark volume, m ³	0.25	0.27	0.28
Inflatable tube total volume, m ³	1.5	1.6	1.9
Tube / low-pressure inflatable bottom air pressure, kPa	25	25	25
Safety indicators			
Maximum travel speed, km/h	50	50	50
Boat type as per GOST R 53446			
Boat type as per GOST R 53447			
Boat type as per GOST R 53448	VII	VII	VII
Height of the observed significant wave, m	0.6	0.6	0.9
Navigation area as per Technical Regulations of the Customs Union 026/2012	IV(IV)	IV(IV)	IV(IV)

PROFESSIONAL (D) Series

Parameters	D330 DP	D330 AL	D370 DP	D370 AL	D370 ALFB	D400 DP	D400 AL	D400 ALFB
Dimensions and weight								
Overall length, m	3.3	3.3	3.7	3.7	3.7	4	4	4
Maximum length, m	3.3	3.3	3.7	3.7	3.7	4	4	4
Overall width, m	1.54	1.54	1.74	1.74	1.74	1.74	1.74	1.74
Maximum width, m	1.54	1.54	1.74	1.74	1.74	1.74	1.74	1.74
Cockpit length, m	2.21	2.21	2.41	2.41	2.41	2.71	2.71	2.71
Cockpit width, m	0.7	0.7	0.82	0.82	0.82	0.82	0.82	0.82
Transom thickness, mm	27	27	27	27	27	27	27	27
Transom height, mm	381	381	381	381	381	381	381	381
Empty boat weight, kg	57	57	74	74	77	83	83	86
Weight of the assembled boat (without outboard boat motor, battery and fuel), kg	72	72	89	89	92	98	98	101
Boat weight for transportation on a trailer, kg	154	154	221	221	224	230	230	233
Boat weight during speed tests, kg	218	218	279	279	282	288	288	291
Fully loaded boat weight, kg	572	572	739	739	742	848	848	851
Full displacement, m ³	0.57	0.57	0.74	0.74	0.74	0.85	0.85	0.85
Load								
Maximum number of people on board, pers.	4	4	5	5	5	6	6	6
Crew weight, kg	300	300	375	375	375	450	450	450
Supplies and goods	100	100	125	125	125	150	150	150
Weight of outboard boat motor, kg	42	42	80	80	80	80	80	80
Battery weight, kg								
Fuel tank volume, l	24	24	24	24	24	24	24	24
Fuel weight, kg	18	18	18	18	18	18	18	18
Weight of additional equipment, kg	40	40	52	52	52	52	52	52
Maximum load capacity, kg	500	500	650	650	650	750	750	750
Propulsion system (outboard boat motor)								
Maximum engine power, kW	11	11	22	22	22	22	22	22
Maximum engine power, hp	15	15	30	30	30	30	30	30
Control (tiller - T / remote control - RC)	T	T	T/RC	T/RC	T/RC	T/RC	T/RC	T/RC
Inflatable boat hull								
Number of inflatable chambers, pcs.	3+1	3+1	3+1	3+1	3+2	3+1	3+1	3+2
Board tube diameter, m	0.42	0.42	0.46	0.46	0.46	0.46	0.46	0.46
Board tube length, m	6.6	6.6	7.4	7.4	7.4	8	8	8
Board tube volume, m ³	0.9	0.9	1.2	1.2	1.2	1.3	1.3	1.3
Inflatable floor volume, m ³	0.5		0.6			0.7		
Bulwark volume, m ³		0.2		0.2	0.4		0.2	0.4
Inflatable tube total volume, m ³	1.4	1.1	1.9	1.4	1.6	2.0	1.5	1.7
Tube / low-pressure inflatable bottom air pressure, kPa	25	25	25	25	25	25	25	25
Safety indicators								
Maximum travel speed, km/h	50	50	50	50	50	50	50	50
Boat type as per GOST R 53446								
Boat type as per GOST R 53447	V	V						
Boat type as per GOST R 53448			VII	VII	VII	VII	VII	VII
Height of the observed significant wave, m	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Navigation area as per Technical Regulations of the Customs Union 026/2012	IV(IV)	IV(IV)	IV(IV)	IV(IV)	IV(IV)	IV(IV)	IV(IV)	IV(IV)

PROFESSIONAL (D) Series - continuation

Parameters	D420 DP	D420 AL	D420 ALFB	D450 AL	D450 ALFB	D470 AL	D470 ALFB	D500 AL	D500 ALFB
Dimensions and weight									
Overall length, m	4.2	4.2	4.2	4.5	4.5	4.7	4.7	5	5
Maximum length, m	4.2	4.2	4.2	4.5	4.5	4.7	4.7	5	5
Overall width, m	1.92	1.92	1.92	1.92	1.92	1.92	1.92	1.92	1.92
Maximum width, m	1.92	1.92	1.92	1.92	1.92	1.92	1.92	1.92	1.92
Cockpit length, m	2.76	2.76	2.76	2.98	2.98	3.04	3.04	3.26	3.26
Cockpit width, m	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Transom thickness, mm	35	35	35	35	35	35	35	35	35
Transom height, mm	381	381	381	381	381	381	381	381	381
Empty boat weight, kg	88	88	91	94	97	98	101	114	114
Weight of the assembled boat (without outboard boat motor, battery and fuel), kg	103	103	106	109	112	113	116	129	129
Boat weight for transportation on a trailer, kg	285	285	288	291	294	345	348	411	411
Boat weight during speed tests, kg	348	348	351	354	357	388	391	429	429
Fully loaded boat weight, kg	1003	1003	1006	1009	1012	1163	1166	1229	1229
Full displacement, m ³	1.00	1.00	1.01	1.01	1.01	1.17	1.17	1.23	1.23
Load									
Maximum number of people on board, pers.	7	7	7	7	7	8	8	8	8
Crew weight, kg	525	525	525	525	525	600	600	600	600
Supplies and goods	175	175	175	175	175	200	200	200	200
Weight of outboard boat motor, kg	120	120	120	120	120	130	130	130	130
Battery weight, kg	20	20	20	20	20	20	20	20	20
Fuel tank volume, l	24	24	24	24	24	24	24	24	24
Fuel weight, kg	18	18	18	18	18	18	18	18	18
Weight of additional equipment, kg	42	42	42	42	42	82	82	132	132
Maximum load capacity, kg	900	900	900	900	900	1050	1050	1100	1100
Propulsion system (outboard boat motor)									
Maximum engine power, kW	29	29	29	29	29	36	36	36	36
Maximum engine power, hp	40	40	40	40	40	50	50	50	50
Control (tiller - T / remote control - RC)	T/RC	T/RC	T/RC	T/RC	T/RC	T/RC	T/RC	T/RC	T/RC
Inflatable boat hull									
Number of inflatable chambers, pcs.	3+1	3+1	3+2	4+1	4+2	4+1	4+2	4+1	4+2
Board tube diameter, m	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Board tube length, m	8.4	8.4	8.4	9	9	9.4	9.4	10	10
Board tube volume, m ³	1.6	1.6	1.6	1.8	1.8	1.8	1.8	2.0	2.0
Inflatable floor volume, m ³	0.8								
Bulwark volume, m ³		0.2	0.4	0.2	0.4	0.2	0.4	0.2	0.4
Inflatable tube total volume, m ³	2.5	1.8	2.0	2.0	2.2	2.0	2.2	2.2	2.4
Tube / low-pressure inflatable bottom air pressure, kPa	25	25	25						
Safety indicators									
Maximum travel speed, km/h	50	50	50	50	50	50	50	50	50
Boat type as per GOST R 53446									
Boat type as per GOST R 53447									
Boat type as per GOST R 53448	VII	VII	VII	VII	VII	VII	VII	VII	VII
Height of the observed significant wave, m	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
Navigation area as per Technical Regulations of the Customs Union 026/2012	IV(IV)	IV(IV)	IV(IV)	IV(IV)	IV(IV)	IV(IV)	IV(IV)	IV(IV)	IV(IV)

HD (Heavy Duty) Series

Parameters	HD350 AL	HD370 AL	HD390 AL	HD430 AL
Dimensions and weight				
Overall length, m	3.5	3.7	3.9	4.3
Maximum length, m	3.5	3.7	3.9	4.3
Overall width, m	1.9	1.9	1.9	1.9
Maximum width, m	1.9	1.9	1.9	1.9
Cockpit length, m	2.16	2.33	2.54	2.93
Cockpit width, m	0.9	0.9	0.9	0.9
Transom thickness, mm	27	27	27	35
Transom height, mm	381	381	381	381
Empty boat weight, kg	67	72	77	83
Weight of the assembled boat (without outboard boat motor, battery and fuel), kg	82	87	92	98
Boat weight for transportation on a trailer, kg	214	219	274	280
Boat weight during speed tests, kg	272	277	327	343
Fully loaded boat weight, kg	732	737	892	998
Full displacement, m ³	0.73	0.74	0.89	1.00
Load				
Maximum number of people on board, pers.	5	5	6	7
Crew weight, kg	375	375	450	525
Supplies and goods	125	125	150	175
Weight of outboard boat motor, kg	80	80	100	120
Battery weight, kg			20	20
Fuel tank volume, l	24	24	24	24
Fuel weight, kg	18	18	18	18
Weight of additional equipment, kg	52	52	62	42
Maximum load capacity, kg	650	650	800	900
Propulsion system (outboard boat motor)				
Maximum engine power, kW	18	18	25	29
Maximum engine power, hp	25	25	35	40
Control (tiller - T / remote control - RC)	T/RC	T/RC	T/RC	T/RC
Inflatable boat hull				
Number of inflatable chambers, pcs.	3+1	3+1	3+1	3+1
Board tube diameter, m	0.5	0.5	0.5	0.5
Board tube length, m	7	7.4	7.8	8.6
Board tube volume, m ³	1.4	1.5	1.5	1.7
Inflatable floor volume, m ³				
Bulwark volume, m ³	0.2	0.2	0.2	0.2
Inflatable tube total volume, m ³	1.6	1.7	1.7	1.9
Tube / low-pressure inflatable bottom air pressure, kPa				
Safety indicators				
Maximum travel speed, km/h	50	50	50	50
Boat type as per GOST R 53446				
Boat type as per GOST R 53447				
Boat type as per GOST R 53448	VII	VII	VII	VII
Height of the observed significant wave, m	0.6	0.6	0.6	0.9
Navigation area as per Technical Regulations of the Customs Union 026/2012	IV(IV)	IV(IV)	IV(IV)	IV(IV)

AIR (E) Series

Parameters	E320 LT	E330 LT	E330 PRO	E340 TR	E350 LT	E350 PRO
Dimensions and weight						
Overall length, m	3.2	3.3	3.3	3.4	3.5	3.5
Maximum length, m	3.2	3.3	3.3	3.4	3.5	3.5
Overall width, m	1.52	1.64	1.64	1.78	1.67	1.72
Maximum width, m	1.52	1.64	1.64	1.78	1.67	1.72
Cockpit length, m	2.1	2.1	2.1	2.25	2.21	2.39
Cockpit width, m	0.7	0.74	0.74	0.74	0.77	0.74
Transom thickness, mm	27	27	27	27	27	27
Transom height, mm	381	381	381	381	381	381
Empty boat weight, kg	30	33	38	42	42	50
Weight of the assembled boat (without outboard boat motor, battery and fuel), kg	45	48	53	57	57	65
Boat weight for transportation on a trailer, kg	127	130	135	139	139	147
Boat weight during speed tests, kg	191	194	199	203	203	211
Fully loaded boat weight, kg	445	448	450	457	457	500
Full displacement, m ³	0.45	0.45	0.45	0.46	0.46	0.47
Load						
Maximum number of people on board, pers.	3	3	3	3	3	3
Crew weight, kg	225	225	225	225	225	225
Supplies and goods	75	75	75	75	75	75
Weight of outboard boat motor, kg	42	42	42	42	42	42
Battery weight, kg						
Fuel tank volume, l	24	24	24	24	24	24
Fuel weight, kg	18	18	18	18	18	18
Weight of additional equipment, kg	40	40	40	40	40	40
Maximum load capacity, kg	400	400	400	400	400	400
Propulsion system (outboard boat motor)						
Maximum engine power, kW	11	11	11	11	11	11
Maximum engine power, hp	15	15	15	15	15	15
Control (tiller - T / remote control - RC)	T/RC	T/RC	T/RC	T/RC	T/RC	T/RC
Inflatable boat hull						
Number of inflatable chambers, pcs.	3+1	3+1	3+1	3+1	3+1	3+1
Board tube diameter, m	0.38	0.45	0.45	0.5	0.45	0.48
Board tube length, m	6.4	6.6	6.6	6.8	7	7
Board tube volume, m ³	0.7	1.0	1.0	1.3	1.1	1.3
Inflatable floor volume, m ³	0.5	0.5	0.5	0.6	0.6	0.6
Bulwark volume, m ³						
Inflatable tube total volume, m ³	1.2	1.6	1.6	1.9	1.7	1.9
Tube / low-pressure inflatable bottom air pressure, kPa						
Safety indicators						
Maximum travel speed, km/h	50	50	50	50	50	50
Boat type as per GOST R 53446						
Boat type as per GOST R 53447	V	V	V	V	V	V
Boat type as per GOST R 53448						
Height of the observed significant wave, m	0.3	0.6	0.6	0.6	0.6	0.6
Navigation area as per Technical Regulations of the Customs Union 026/2012	IV(IV)	IV(IV)	IV(IV)	IV(IV)	IV(IV)	IV(IV)

AIR (E) Series - continuation

Parameters	E380 LT	E380 PRO	E380 TR	E420 PRO	E450 PRO
Dimensions and weight					
Overall length, m	3.8	3.8	3.8	4.2	4.5
Maximum length, m	3.8	3.8	3.8	4.2	4.5
Overall width, m	1.78	1.78	1.8	1.92	1.85
Maximum width, m	1.78	1.78	1.8	1.92	1.85
Cockpit length, m	2.66	2.66	2.6	2.84	3.25
Cockpit width, m	0.82	0.82	0.74	0.92	0.85
Transom thickness, mm	27	27	27	27	27
Transom height, mm	381	381	381	381	381
Empty boat weight, kg	45	53	46	63	77
Weight of the assembled boat (without outboard boat motor, battery and fuel), kg	60	68	61	78	92
Boat weight for transportation on a trailer, kg	192	200	193	260	274
Boat weight during speed tests, kg	240	258	251	323	337
Fully loaded boat weight, kg	660	668	661	878	892
Full displacement, m ³	0.61	0.62	0.61	0.88	0.89
Load					
Maximum number of people on board, pers.	4	4	4	6	7
Crew weight, kg	300	300	300	450	450
Supplies and goods	100	100	100	150	150
Weight of outboard boat motor, kg	60	80	80	120	120
Battery weight, kg				20	20
Fuel tank volume, l	24	24	24	24	24
Fuel weight, kg	18	18	18	18	18
Weight of additional equipment, kg	122	102	102	42	42
Maximum load capacity, kg	600	600	600	800	800
Propulsion system (outboard boat motor)					
Maximum engine power, kW	14	22	22	29	29
Maximum engine power, hp	20	30	30	40	40
Control (tiller - T / remote control - RC)	T/RC	T/RC	T/RC	T/RC	T/RC
Inflatable boat hull					
Number of inflatable chambers, pcs.	3+1	3+1	3+1	3+1	3+1
Board tube diameter, m	0.48	0.48	0.53	0.5	0.5
Board tube length, m	7.6	7.6	7.6	8.4	9
Board tube volume, m ³	1.4	1.4	1.7	1.6	1.8
Inflatable floor volume, m ³	0.7	0.7	0.7	0.8	0.8
Bulwark volume, m ³					
Inflatable tube total volume, m ³	2.1	2.1	2.4	2.5	2.6
Tube / low-pressure inflatable bottom air pressure, kPa					
Safety indicators					
Maximum travel speed, km/h	50	50	50	50	50
Boat type as per GOST R 53446					
Boat type as per GOST R 53447	V				
Boat type as per GOST R 53448		VII	VII	VII	VII
Height of the observed significant wave, m	0.6	0.6	0.6	0.9	0.9
Navigation area as per Technical Regulations of the Customs Union 026/2012	IV(IV)	IV(IV)	IV(IV)	IV(IV)	IV(IV)

RIB Series

Parameters	RIB 320	RIB 360	RIB 420	RIB 310 LT	RIB 350 LT	RIB 350 AL	RIB 380 LT	RIB 380 AL	RIB 420 AL-A	RIB 420 AL-B
Dimensions and weight										
Overall length, m	3.2	3.6	4.2	3.1	3.5	3.5	3.8	3.8	4.2	4.2
Maximum length, m	3.2	3.6	4.2	3.1	3.5	3.5	3.8	3.8	4.2	4.2
Overall width, m	1.54	1.65	2	1.67	1.67	1.67	1.75	1.75	1.75	1.88
Maximum width, m	1.54	1.65	2	1.67	1.67	1.67	1.75	1.75	1.75	1.88
Cockpit length, m	2.2	2.6	2.84	2.2	2.6	2.6	2.85	2.9	3.3	3.2
Cockpit width, m	0.8	0.87	1	0.8	0.8	0.79	0.8	0.79	0.79	0.98
Transom thickness, mm	27	27	35	35	35	35	35	35	35	35
Transom height, mm	381	381	381	381	381	381	381	381	381	381
Empty boat weight, kg	70	80	127	46	50	78	57	82	93	120
Weight of the assembled boat (without outboard boat motor, battery and fuel), kg	85	95	142	61	65	93	72	97	108	135
Boat weight for transportation on a trailer, kg	167	197	324	143	197	225	204	229	290	317
Boat weight during speed tests, kg	240	270	387	207	255	283	262	287	353	380
Fully loaded boat weight, kg	485	615	842	461	615	643	722	747	808	835
Full displacement, m ³	0.49	0.62	0.84	0.46	0.62	0.64	0.72	0.75	0.81	0.84
Load										
Maximum number of people on board, pers.	3	4	5	3	4	4	5	5	5	5
Crew weight, kg	225	300	375	225	300	300	375	375	375	375
Supplies and goods	75	100	125	75	100	100	125	125	125	125
Weight of outboard boat motor, kg	60	80	120	42	80	80	80	80	120	120
Battery weight, kg			20						20	20
Fuel tank volume, l	24	24	24	24	24	24	24	24	24	24
Fuel weight, kg	18	18	18	18	18	18	18	18	18	18
Weight of additional equipment, kg	22	22	42	40	52	52	52	52	42	42
Maximum load capacity, kg	400	520	700	400	550	550	650	650	700	700
Propulsion system (outboard boat motor)										
Maximum engine power, kW	14	22	29	11	22	22	22	22	29	29
Maximum engine power, hp	20	30	40	15	30	30	30	30	40	40
Control (tiller - T / remote control - RC)	T/RC	T/RC	T/RC	T/RC	T/RC	T/RC	T/RC	T/RC	T/RC	T/RC
Inflatable boat hull										
Number of inflatable chambers, pcs.	3	3	4	3	3	3	3	3	3	3
Board tube diameter, m	0.41	0.41	0.41	0.4	0.4	0.41	0.45	0.45	0.45	0.45
Board tube length, m	6.4	7.2	8.4	6.2	7	7	7.6	7.6	8.4	8.4
Board tube volume, m ³	0.8	1.0	1.1	0.8	0.9	0.9	1.2	1.2	1.3	1.3
Inflatable floor volume, m ³										
Bulwark volume, m ³										
Inflatable tube total volume, m ³	0.8	1.0	1.1	0.8	0.9	0.9	1.2	1.2	1.3	1.3
Tube / low-pressure inflatable bottom air pressure, kPa										
Safety indicators										
Maximum travel speed, km/h	50	50	50	50	50	50	50	50	50	50
Boat type as per GOST R 53446										
Boat type as per GOST R 53447	V			V						
Boat type as per GOST R 53448		VII	VII		VII	VII	VII	VII	VII	VII
Height of the observed significant wave, m	0.3	0.6	0.9	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Navigation area as per Technical Regulations of the Customs Union 026/2012	IV(IV)	IV(IV)	IV(IV)	IV(IV)	IV(IV)	IV(IV)	IV(IV)	IV(IV)	IV(IV)	IV(IV)

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