

SONATA CLASS SPECIFICATIONS

ITEM	FEATURE	Son. 6	Son. 6.3	Son. 6.7	Son. 7	SC23 NW 7	Son. 760	Son. 8	Son. 26
Hull	Total mass (kg)	910	870	1154	1135	1270	1300	1520	1520
	Length over all (mm)	6150	6595	6710	6915	6880	7600	8090	8090
	Length waterline (mm)	5310	5265	6380	6285	6190	6400	6400	6400
	Rated beam (mm)	2073	2100	2483	2438	2385	2500	2499	2499
	Maximum beam (mm)	2073	2100	2483	2469	2435	2500	2499	2499
	Headroom (mm) - Poptop down - Poptop up	1340 1690	1500 1820	1400 1750	1610 1820	1510 1720	1400 1750	1600 1800	1700 1900
Centreplate	Type	Swing	Drop	Drop	Swing	Swing	Drop	Drop	Drop
	Minimum weight (kg)	227	250	227	409	409	315	227	227
	Draft (mm) - Centreplate up - Centreplate down	240 1370	240 1440	210 1500	220 1370	250 1500	200 1550	210 1550	210 1550
Mast & Spars	Overall mast length (mm)	6710	7780	9250	7985	7985	9700	9530	9400
	Spinnaker pole length (mm)	2540	2540	2430	2970	2970	3950	2510	2510
	Forestay	6670	6510	7040	7920	7920	7340	7390	7260

	height (mm)								
	Spinnaker exit (mm)	6670	6800	7150	7920	7920	7430	8170	8040
Rigging	Type	Mast Hd	Fract.	Fract.	Mast Hd	Mast Hd	Fract.	Fract.	Fract.
	Fore triangle height (mm)	7193	6912	7542	8535	8535	7840	8047	8047
	Fore triangle base (mm)	2530	2470	2360	3000	3010	2400	2499	2499

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ITEM	FEATURE	Son. 6	Son. 6.3	Son. 6.7	Son. 7	SC23 NW 7	Son. 760	Son. 8	Son. 26
Mainsail	Hoist/Luff (mm)	5940	7090	8260	7090	7102	8950	8370	8370
	Foot (mm)	2440	2480	2890	2670	2682	3400	3100	3100
Fully	Headboard Width at top (mm)				120)		
Battened	Maximum Girth Top at 7/8 hoist (mm)				530)	856	856
Mainsail	Maximum Girth Upper at 3/4 hoist (mm)				970) 10320 Total	1450	1450
Girth	Maximum Girth Middle at 1/2 hoist (mm)				1650)	2330	2330
	Max. Girth Lower at 1/4 hoist (mm)				2200)	2750	2750
No. 1	Luff to Clew (mm)	3730	3500	3530	3840	3840	3700	4360	4360
Genoa	Luff (mm)	7230	7150	7590	8430	8430	7900	7950	7950
	Foot (mm)	3960	3960	3940	4110	4110	4000	3950	3950
	Leech (mm)	6900	6900	7000	7980	7980	7250	7450	7450
No. 2	Luff (mm)	7210	6960	7220	8360	8360	7800	7770	7770
Genoa	Foot (mm)	2840	2970	3330	3480	3480	2950	3080	3080
	Leech (mm)	6730	6320	6650	7700	7700	7000	7000	7000

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No. 3	Luff (mm)	6660	6400	6600	7770	7770	7800	6860	6860
Jib	Foot (mm)	2440	2440	2510	2990	2990	2400	2510	2510
	Leech (mm)	5790	5740	5850	6830	6830	7050	6160	6160
Spinnaker	Max. Width (mm)	4570	4570	4360	5350	5334	5520	4460	4460
	Luff (mm)	7010	7010	7300	7920	7925	8600	8030	8030
Outboard Motor	Typical Power Requirement (HP)	5 to 6	5 to 6	6 to 8	8 to 10	8 to 10	8 to 10	8 to 10	8 to 10
	Mounting Position	Tran- som	Tran- som	Tran- som	Tran- som	Tran- som	Cockpit Well	Tran- som	Tran- som
	Number of Axles	1	1	2	2	2	2	2	2
Boat Trailer	Typical Gross Trailer Mass (kg), as measured on weighbridge								
	- packed for racing	1100	1300	1700	1800	1800		1800	1800
	- packed for cruising	1300	1500	1900	2000	2000		2000	2000