SONATA CLASS SPECIFICATIONS 28/06/2021

ITEM	FEATURE	Son.6	Son.6.3	Son.6.7	Son.7	SC23NW7	Son.760	Son.8	Son.26
Hull	Total mass (kg)	910	870	1340	1525	1525	1300	1650	1650
	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	1340	1500	1400	1610	1510	1400	1600	1700
	- Poptop up	1690	1820	1750	1820	1720	1750	1800	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	240	240	210	220	250	1550	210	210
	- Centreplate down	1370	1440	1500	1370	1500		1550	1550
Mast & Spars	Overall mast length (mm) note 1	6710	7780	9250	7985	7985	9700	9530	9400
	Spinnaker pole length (mm)	2540	2540	2430	2970	2970	3950	2510	2510
	Forestay height (mm) note 2	6670	6510	7040	7950	7950	7340	7390	7260
	Spinnaker exit (mm) note 3	6670	6800	7150	7950	7950	7430	8170	8040
Rigging	Type	Mast Hd	Fract.	Fract.	Mast Hd	Mast Hd	Fract.	Fract.	Fract.
	Fore triangle height (mm) - I	7193	6912	7542	8535	8535	7840	8047	8047
	Fore triangle base (mm) - J	2530	2470	2360	3000	3010	2400	2499	2499
Mainsail	Hoist/Luff (mm) - P	5940	7090	8260	7090	7102	8950	8370	8370
	Foot (mm) - E	2440	2480	2890	2670	2682	3400	3100	3100
Fully	Headboard Width at top (mm)			120	120				
Battened	Maximum Girth Top at 7/8 hoist (mm)			584	530			856	856
Mainsail	Maximum Girth Upper at 3/4 hoist (mm)			1052	970		10320 Total	1450	1450
Girth	Maximum Girth Middle at 1/2 hoist (mm)			1795	1650			2330	2330
	Max. Girth Lower at 1/4 hoist (mm)			2343	2240			2750	2750
No. 1	Luff to Clew (mm)	3730	3500	3664	3890	3890	3700	3800	3800
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
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
Assymetrical spinnaker									
	Luff (mm)				8850	8850			
	Foot (mm)				5700	5700			
	Leech (mm)				8300	8300			
	1/2 girth (mm)				5100	5100			
Motor	Requirement (HP)	6 to 8	6 to 8	8 to 10	8 to 10	8 to 10	8 to 10	8 to 10	8 to 10
	Mounting Position	Transom	Transom	Transom	Transom	Transom	Cockpit Well	Transom	Transom
Boat Trailer	Typical Gross Trailer Mass(kg), as measured on weighbridge								
	-packed for racing	1100	1300	1750	1950	1950	1800	1950	1950
	-packed for cruising	1300	1500	2000	2300	2300	2100	2300	2300
	Number of Axles	1	1	2	2	2	2	2	2