

PHI TECHNICAL DATA

22.5.2024

FANTASIA

size	18	20	22	24	26
number of cells	36	36	36	36	36
projected span	m 7,99	8,4	8,82	9,18	9,58
projected area	m² 18,51	20,47	22,54	24,46	26,61
projected aspect ratio	3,05	3,45	3,45	3,45	3,45
flat span	m 10,03	10,55	11,06	11,52	12,02
flat area	m² 21,41	23,68	26,07	28,29	30,77
flat aspect ratio	4,69	4,69	4,69	4,69	4,69
line length	m 6,13	6,45	6,77	7,05	7,35
maximum chord	m 2,65	2,78	2,93	3,05	3,18
minimum chord	m 0,66	0,7	0,73	0,76	0,79
weight	kg 3,99	4,3	4,58	4,92	5,3
standard weight range	kg 50-75	65-85	75-95	90-110	105-130
certification (EN/LTF)	A	A	A	A	A
material	Dominico 30D, 20D				
risers	R22 (3+1)				
riser length	mm 500	500	540	540	540
speedway	mm 150	150	150	175	175
price *	€ 3150	3150	3150	3150	3150

SOLA

size	18	20	22	24	26
number of cells	36	36	36	36	36
projected span	m 8,02	8,44	8,85	9,22	9,62
projected area	m² 18,55	20,52	22,59	24,51	26,66
projected aspect ratio	3,47	3,47	3,47	3,47	3,47
flat span	m 10,03	10,56	11,08	11,54	12,03
flat area	m² 21,55	23,69	26,08	28,3	30,78
flat aspect ratio	4,7	4,7	4,7	4,7	4,7
line length	m 6,13	6,45	6,77	7,05	7,35
maximum chord	m 2,65	2,78	2,93	3,05	3,18
minimum chord	m 0,65	0,68	0,72	0,75	0,78
weight	kg 2,8	3	3,25	3,4	3,75
Thermic weight range	kg 55-75	65-85	75-95	90-110	105-130
Hike&Fly weight range	kg 75-90	85-100	95-110	110-120	
Miniwing weight range	kg 90-110	100-120			
certified weight range	kg 55-90	65-100	75-110	90-120	105-130
certification (EN/LTF)	A	A	A	A	A
extended weight range	kg 90-110	100-120			
certification (EN/LTF)	B	B			
ext. weight range motor	kg 55-130	65-130	75-170	90-170	105-170
certification DGAC	I.A.	I.A.	I.A.	I.A.	I.A.
material	Skytex 27 double coated, Skytex 40				
risers	R10 (3+1) Options: RZ1 (3), R01				
riser length	mm 500	500	540	540	540
speedway	mm 150	150	150	175	175
price *	€ 3640	3640	3640	3640	3640

SOLA GT

size	18	20	22	24	26
number of cells	36	36	36	36	36
projected span	m 8,02	8,44	8,85	9,22	9,62
projected area	m² 18,55	20,52	22,59	24,51	26,66
projected aspect ratio	3,47	3,47	3,47	3,47	3,47
flat span	m 10,03	10,56	11,08	11,54	12,03
flat area	m² 21,55	23,69	26,08	28,3	30,78
flat aspect ratio	4,7	4,7	4,7	4,7	4,7
line length	m 6,13	6,45	6,77	7,05	7,35
maximum chord	m 2,65	2,78	2,93	3,05	3,18
minimum chord	m 0,65	0,68	0,72	0,75	0,78
weight	kg 3,1	3,3	3,6	3,8	4,2
Thermic weight range	kg 55-75	65-85	75-95	90-110	105-130
Hike&Fly weight range	kg 75-90	85-100	95-110	110-120	
Miniwing weight range	kg 90-110	100-120			
certified weight range	kg 55-90	65-100	75-110	90-120	105-130
certification (EN/LTF)	A	A	A	A	A
extended weight range	kg 90-110	100-120			
certification (EN/LTF)	B	B			
ext. weight range motor	kg 55-130	65-130	75-170	90-170	105-170
certification DGAC	I.A.	I.A.	I.A.	I.A.	I.A.
material	MJ32, Skytex 40				
risers	R10 (3+1) Options: RZ1 (3), R01				
riser length	mm 500	500	540	540	540
speedway	mm 150	150	150	175	175
price *	€ 3440	3440	3440	3440	3440

SOLA UL

size	10	12	14
number of cells	36	36	36
projected span	m 6,01	8,44	8,85
projected area	m² 10,4	12,15	13,86
projected aspect ratio	3,47	3,47	3,47
flat span	m 7,51	10,56	11,08
flat area	m² 12	14,02	16
flat aspect ratio	4,7	4,7	4,7
line length	m 4,59	6,45	6,77
maximum chord	m 1,98	2,78	2,93
minimum chord	m 0,49	0,68	0,72
weight	kg 1,39	1,56	1,72
certified weight range	kg 55-90	55-105	55-115
certification (EN/LTF)	D	D	D
material	Dokdo D10 / Skytex 27		
risers	R13 (3)		
riser length	mm 500	500	500
speedway	mm 150	150	150
price *	€ 3640	3640	3640

VIOLA 2

size	16	18	20	22	24	26
number of cells	40	40	40	40	40	40
projected span	m 7,6	8,05	8,48	8,91	9,31	9,69
projected area	m² 16,23	18,21	20,21	22,19	24,25	26,29
projected aspect ratio	3,57	3,57	3,57	3,57	3,57	3,57
flat span	m 9,38	9,94	10,47	10,97	11,46	11,94
flat area	m² 18,67	20,94	23,24	25,5	27,87	30,22
flat aspect ratio	4,72	4,72	4,72	4,72	4,72	4,72
line length	m 5,7	6,04	6,36	6,66	6,96	7,25
maximum chord	m 2,48	2,62	2,76	2,89	3,03	3,15
minimum chord	m 0,59	0,63	0,66	0,69	0,72	0,75
weight	kg 2,45	2,68	2,89	3,15	3,35	3,5
Thermic weight range	kg 55-70	55-75	65-85	75-95	90-110	105-130
Hike&Fly weight range	kg 70-85	75-90	85-100	95-110	110-120	130-145
Miniwing weight range	kg 85-110	90-110	100-120			
certified weight range	kg 55-75	55-90	65-100	75-110	90-120	105-145
certification (EN/LTF)	A	A	A	A	A	A
extended weight range	kg 75-110	90-110	100-120			
certification (EN/LTF)	C	B	B			
ext. weight range motor	kg 50-130	50-130	65-130	75-150	90-150	105-150
certification DGAC	I.A.	I.A.	I.A.	I.A.	I.A.	I.A.
material	Porcher 27 double coated					
risers	R04 (3+1) Options: RZ3 (3), R03 (3+1)					
riser length	mm 500	500	500	540	540	540
speedway	mm 150	150	150	150	175	175
price *	€ 3990	3990	3990	4190	4190	4190

SONATA 2

size	18	20	22	24	26
number of cells	40	40	40	40	40
projected span	m 8,08	8,48	9,01	9,38	9,79
projected area	m² 18,55	20,5	22,71	24,64	26,81
projected aspect ratio	3,52	3,51	3,57	3,57	3,57
flat span	m 10,05	10,57	11,1	11,56	12,05
flat area	m² 21,43	23,71	26,1	28,32	30,81
flat aspect ratio	4,72	4,72	4,72	4,72	4,72
line length	m 6,11	6,42	6,74	7,05	7,32
maximum chord	m 2,65	2,79	2,93	3,05	3,18
minimum chord	m 0,63	0,66	0,7	0,73	0,76
weight	kg 4	4,35	4,75	5,05	5,35
standard weight range	kg 55-75	65-85	75-95	90-110	105-130
extended weight range	kg 75-85	85-95	95-110	110-125	130-145
certified weight range	kg 75-85	85-95	95-110	110-125	130-145
certification (EN/LTF)	A	A	A	A	A
ext. weight range motor	kg 55-130	65-130	75-150	90-150	105-150
certification DGAC	I.A.	I.A.	I.A.	I.A.	I.A.
material	Porcher Skytex 38, Easyfly				
risers	R10 (3+1)				
riser length	mm 500	500	540	540	540
speedway	mm 150	150	150	175	175
price *	€ 3590	3590	3590	3590	3590

SYMPHONIA 2

size	18	20	22	23	24	26
number of cells	50	50	50	50	50	50
projected span	m 8,18	8,59	8,99	9,19	9,4	9,76
projected area	m² 18,24	20,08	22,02	23,04	24,05	25,93
projected aspect ratio	3,67	3,67	3,67	3,67	3,67	3,67
flat span	m 10,52	11,04	11,56	11,81	12,08	12,54
flat area	m² 21,54	23,72	26	27,17	28,4	30,62
flat aspect ratio	5,14	5,14	5,14	5,14	5,14	5,14
line length	m 6,27	6,58	6,89	7,04	7,2	7,48
maximum chord	m 2,55	2,67	2,8	2,86	2,93	3,04
minimum chord	m 0,6	0,63	0,66	0,68	0,69	0,72
weight	kg 3,65	3,95	4,15	4,3	4,4	4,65
standard weight range	kg 55-75	65-85	75-95	83-103	90-110	105-130
certification (EN/LTF)	A	A	A	A	A	A
ext. weight range motor	kg 55-130	65-130	75-170	90-170	90-170	105-170
certification DGAC	I.A.	I.A.	I.A.	I.A.	I.A.	I.A.
material	Porcher 32, Porcher 38					
risers	R01 (3+1)					
riser length	mm 500	500	540	540	540	540
speedway	mm 150	150	150	175	175	175
price *	€ 4590	4590	4590	4590	4590	4590

SYMPHONIA 2 light

size	18	20	22	23	24	26
number of cells	50	50	50	50	50	50
projected span	m 8,18	8,59	8,99	9,19	9,4	9,76
projected area	m² 18,24	20,08	22,02	23,04	24,05	25,93
projected aspect ratio	3,67	3,67	3,67	3,67	3,67	3,67
flat span	m 10,52	11,04	11,56	11,81	12,08	12,54
flat area	m² 21,54	23,72	26	27,17	28,4	30,62
flat aspect ratio	5,14	5,14	5,14	5,14	5,14	5,14
line length	m 6,27	6,58	6,89	7,04	7,2	7,48
maximum chord	m 2,55	2,67	2,8	2,86	2,93	3,04
minimum chord	m 0,6	0,63	0,66	0,68	0,69	0,72
weight	kg 2,9	3,1	3,3	3,4	3,5	3,75
standard weight range	kg 55-75	65-85	75-95	83-103	90-110	105-130
certification (EN/LTF)	A	A	A	A	A	A
ext. weight range motor	kg 55-130	65-130	75-170	90-170	90-170	105-170
certification DGAC	I.A.	I.A.	I.A.	I.A.	I.A.	I.A.
material	Porcher Skytex 27 double coated					
risers	R04 (3+1)					
riser length	mm 500	500	540	540	540	540
speedway	mm 150	150	150	175	175	175
price *	€ 4920	4920	4920	4920	4920	4920

TENOR 2

size	17	19	21	22	23	25
number of cells	50	50	50	50	50	50
projected span	m 8,09	8,53	8,96	9,17	9,37	9,76
projected area	m² 17,54	19,53	21,53	22,54	23,54	25,54
projected aspect ratio	3,73	3,73	3,73	3,73	3,73	3,73
flat span	m 10,30	10,87	11,41	11,68	11,93	12,43
flat area	m² 20,65	22,98	25,34	26,53	27,7	30,05
flat aspect ratio	5,14	5,14	5,14	5,14	5,14	5,14
line length	m 6,14	6,48	6,80	6,96	7,11	7,41
maximum chord	m 2,49	2,63	2,76	2,83	2,89	3,01
minimum chord	m 0,59	0,62	0,66	0,67	0,69	0,71
weight	kg 3,85	4,2	4,5	4,65	4,8	5,2
standard weight range	kg 50-75	65-85	75-95	83-103	90-110	105-130
extended weight range	kg 75-85	85-95	95-105	103-113	110-120	130-140
certified weight range	kg 50-75	65-95	75-105	83-113	90-120	105-140
certification (EN/LTF)	B	B	B	B	B	B
ext. weight range motor	kg 50-130	65-130	75-150	90-150	90-150	105-150
certification DGAC	I.A.	I.A.	I.A.	I.A.	I.A.	I.A.
material	MJ 30D, 20D, Skytex 40</					