

OBSESSION AFS

U-TURN

	S		M		L
Take off weight	65 - 90 kg		80 - 110 kg		100– 130 kg
Wing area flat	26.3 m ²		28.5 m ²		31.0 m ²
Wing area project	23.3 m ²		25.3 m ²		27.5 m ²
Wing span flat	12.0 m		12.5 m		13.0 m
Wing span project	10.1 m		10.5 m		11.0 m
Aspect ratio flat	5.5		5.5		5.5
Aspect ratio project	4.3		4.3		4.3
Numbers of Cell	55		55		55
V-Trim	~38 Km/h		~38 Km/h		~38 Km/h
V-Min	~23 Km/h		~22 Km/h		~22 Km/h
V-Max	~55 Km/h		~55 Km/h		~54 Km/h
Feature	AFS, V-Tapes, Tension stripe, Mylar Fix System; Split A-Riser		AFS, V-Tapes, Tension stripe, Mylar Fix System; Split A-Riser		AFS, V-Tapes, Tension stripe, Mylar Fix System; Split A-Riser
Numbers of riser	5		5		5
Numbers of lines storey	2		2		2
Accelerator / Trimmer	Accelerator		Accelerator		Accelerator
Glider weight	6.0 kg		6.4 kg		6.8 kg
DHV Certification Trimmspeed Test	DHV 1-2 *		DHV 1-2		DHV 1-2 *
DHV Certification V-Max Test	DHV 1-2 *		DHV 1-2		DHV 1-2 *
Material placements	Producer	Material Code	Material		
Top	Porcher Marine, NCV,	9092 E85A/9017 E85A	High Tanacity Nylon 6.6	Water-repellent	~ 45g/m ² / ~ 40g/m ²
Bottom	France	9017 E38A	High Tanacity Nylon 6.6	classic	~ 40g/m ²
Profile		9017 E29A	High Tanacity Nylon 6.6	Hard finish	~ 40g/m ²
V-Tape		9017 E29A	High Tanacity Nylon 6.6	Hard finish	~ 40g/m ²
Reinforcement	Porcher Marine	W420		Gewicht180 g/m ²	
Mylar in air intake	Dimension-Polyant	P260		Gewicht 260 g/m ²	
Lines	Liros, Rosenberger PPSL120/160/200/275,DSL70,DC60		Dyneema		
Riser	Techni Sangles, France	22mm / 1100kg BS / 25g/m		High Tanacity Poliester Yarn	