

DIN EN ISO 6185-3:2014-12 (E)

Inflatable boats - Part 3: Boats with a hull length less than 8 m with a motor power rating of 15 k W and greater (ISO 6185-3:2014)

Contents		Page
Foreword		4
Introduction		5
1	Scope	7
2	Normative references	7
3	Terms and definitions	9
4	Symbols	10
5	Structural Materials	11
5.1	General	11
5.2	Materials making up the flexible floor and buoyancy tube	11
5.3	Wood	13
5.4	Metal parts	13
5.5	Glass-reinforced plastics	13
5.6	Other materials	13
5.7	Buoyant material used in foam filled buoyancy tubes	13
6	Functional components	15
6.1	Conditioning	15
6.2	Fittings bonded to the flexible parts of the boat	15
6.3	Manual lifting and carrying devices	15
6.4	Valves (if applicable)	15
6.5	Rowlocks and oars	16
6.6	Transom (where applicable)	17
6.7	Hull drainage	17
6.8	Remote steering system (where offered as standard or optional equipment)	17
6.9	Towing, anchoring and mooring devices	17
6.10	Seating and attachment systems (where offered as a standard or optional equipment)	17
	6.11 Electrical installations (where offered as standard or optional equipment)	18
6.12	Engine and engine spaces	18
6.13	Fuel systems	18
6.14	Ventilation of petrol engine and/or petrol tank compartments (where applicable)	18
6.15	Devices for lifting the boat (if applicable)	18
6.16	Fire protection (if applicable)	19
6.17	Openings in hull, deck or superstructure	19
6.18	Gas systems	19
6.19	Navigational lights	19
6.20	Discharge prevention	19
7	Safety requirements of the completed boat	19
7.1	Maximum Load Capacity	19
7.2	Crew limit (CL)	19
7.3	Static stability	19
7.4	Buoyancy requirements	21
7.5	Compartmentation	23
7.6	Nominal pressures (inflatable buoyancy tubes)	23
7.7	Strength of the inflatable buoyancy tube	23

7.8	Maximum motor power	24
7.9	Man overboard prevention and recovery	24
7.10	Field of vision from the helm position	25
7.11	Provision for (a) liferaft(s)	25
7.12	Strength of the Rigid Structure (type test only)	25
7.13	Strength of principal fitted accessories	25
7.14	Safety Sign	27
8	Performance	27
8.1	General	27
8.2	Drop test (Ribs only)	27
8.3	In-water performance	28
8.4	Rowing test (where applicable, see 6.5)	29
8.5	Watertightness test (not applicable to open floor, self-bailing boats)	29
8.6	Manoeuvring-speed test	29
8.7	Self-Draining (type VIII Boats only)	31
9	Builder's plate(s)	31
10	Owner's manual	31
11	Standard equipment	
	32
	Annex A (informative) General arrangement of a typical Type VII boat	33
	Annex B (informative) General arrangement of a typical Type VIII boat	34
	Requirements of EU Directive 94/25/EC as amended by Directive 2003/44/EC	36
	Bibliography	38