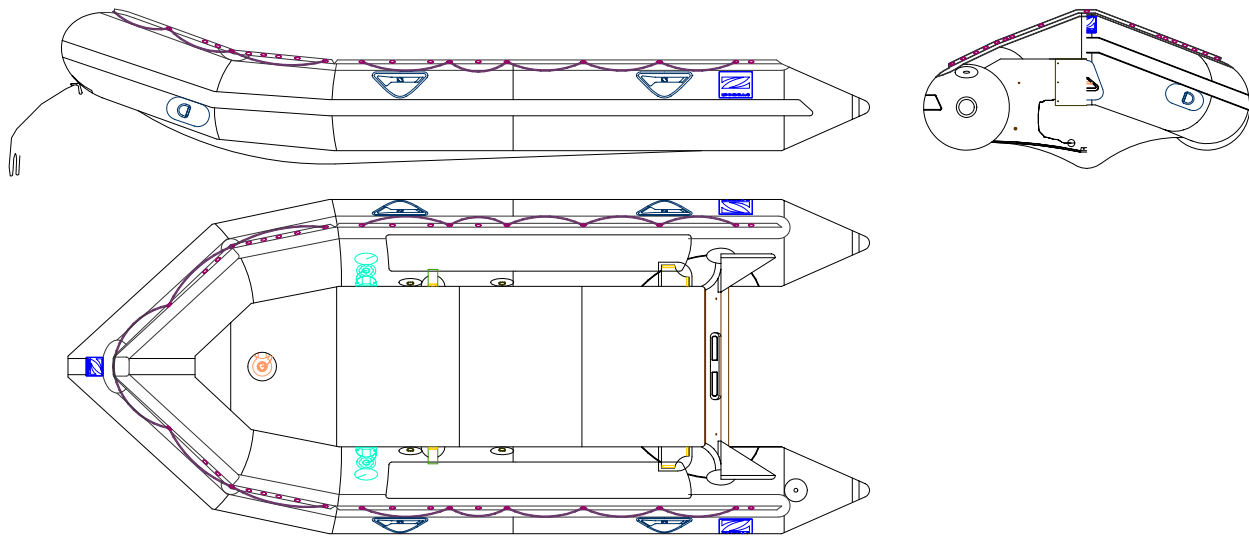




**ZODIAC MARK 2 GRAND RAID
LONG SHAFT TRANSOM**

P/N Z80133

Rev 1 – 20 March 07
TECHNICAL DATA SHEET



Simple, strong and reliable

The Grand Raid name is almost as old as Zodiac itself and has gone through many design and feature evolutions to still be very relevant in today's market.

GR's form the backbone of many small boat fleets and are pretty much unique in its full equipment definition.

They continue to answer the needs of users worldwide.

The MK 2 GR Long Shaft Z80133 is available on stock.

The overall appearances of the watercraft depicted in this document are trademarks of Zodiac

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Dimensions and weight + or - 3 % (5% on prototype)

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ZODIAC INTERNATIONAL

DIVISION MARINE

MK 2 GR Long Shaft BOAT DEFINITION

CAPACITY

. maximum number of persons (ISO6185) :	6	6
. maximum payload including engine and fuels (ISO6185) :	920 kg	2028 lb
. floorboard usable area :	2.068 m ²	22.26 sq ft
. buoyancy tube volume :	1350 l	47.67 cu ft

DIMENSIONS

. overall length :	4.20 m	13' 9"
. inside length :	2.70 m	8' 10"
. overall width :	1.75 m	5' 9"
. inside width :	0.84 m	2' 9"
. weight empty :	86 kg	190 lb
. buoyancy tube diameter :	0.45 m	1' 6"
. folded dimensions :	sac 1	1.30x0.68x0.35
	bag 1	4'3"x2'3"x1'2"
	sac 2	1.05x0.67x0.14
	bag 2	3'5"x2'2"x0'6"

SAFETY / INFLATION

. number of airtight compartments on main buoyancy tube :	3	3
. intercommunicating, inflation valves :	2	2
. inflatable keel :	1	1
. inflation pressure :	0.24 bar	3.4 psi
. design category (EC 94/25) :	C	

ENGINE POWER

. shaft length :	Long	20"
. recommended power :	30 kW	40 HP
. maximum power :	38 kW	50 HP
. maximum engine weight :	98 KG	216 lbs

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STANDARD EQUIPMENT

FABRIC

- . buoyancy tubes : gray , 940 dtx, polyamid, hypalon neoprene
- . bottom : black , 940 dtx, polyamid, hypalon neoprene
- . keel : black , 940 dtx, polyamid, hypalon neoprene

transom colorless varnished marine plywood

- . large flow self-bailer w/ sleeve : 1
- . standard self bailer w/ plug : 1
- . aluminum engine mounting plate : 1
- . engine transom pad (marine plywood) black : 1
- . transom triangular deflector : 2

FLOORBOARD

- . anti-skid floorboard (anodized aluminium) : 3 parts
- . bow floorboard (marine plywood) : 2
- . stringers, anodized aluminium : 2

VALVES

- . buoyancy tube intercommunication / inflation valves (delrin cap) : 2
- . keel inflation valve (delrin) : 1

REINFORCEMENTS

- . all around rubbing strake, flat profile, black : 1
- . upper non-slip reinforcement panels : 2
- . large transom ovoid reinforcement : 940 dtx (PA)
- . rubbing strakes underneath keel : 1
- . rubbing strakes underneath tubes : 2 + 2

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ZODIAC INTERNATIONAL

DIVISION MARINE

HANDLING

- . carrying handles, molded PVC : 4
- . bow handle (plated brass with black coating) : 1
- . exterior lifeline : all around
- . interior small D rings (stainless steel with black coating) : 4

TOWING

- . bow large towing D ring (stainless steel with black coating) : 2

OTHER EQUIPMENT

- . foot bellows + hose : 1
- . repair kit with pressure indicator : 1
- . paddles (aluminum shaft, plastic blade) : 2
- . storage bag : 2

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