



RACE LINE PUMPS

Cariboni's race line manual pumps are designed for the top performances requested by worldwide racing yachts. Starting from a solid 7075-T651 hard coated aluminium alloy, both single and double speed race line alternate pumps have titanium pistons and lightweight components to reduce the overall weight. High speed seals let improve the flow of oil pumped and the performance of the system. All race line pumps are designed to work at 700 bar (10.000 PSI).

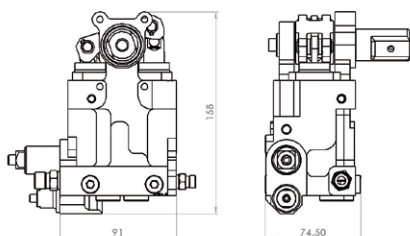
Race line pumps are ready to plug in an hydraulic system as the manifold is fully integrated in the pump design: pressurized oil tank is suggested for top performances. Titanium and aluminium alloy fittings are available for extreme weight control. Custom arrangement available on request.



PUMP TYPE

MAIN FEATURES & APPLICATION

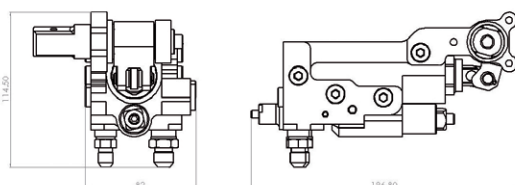
IPA 1225 R



Double speed alternate pump with auto shift and integrated max pressure valve.

Bore & Stroke: 12x16,1 mm (high pressure),
25x20mm (high flow)
Displacement: 3,6 cc (high pressure), 25,1 cc (high flow)
Dry weight: 2,100 kg (4,63 lb)
Max pressure: 700 bar (10.000 PSI)
Titanium pistons, 17-4PH stainless steel or titanium shaft.

IPA 1228 R



Double speed alternate pump with auto shift and integrated max pressure valve.

Bore & Stroke: 12x8 mm (high pressure),
28x18 mm (high flow)
Displacement: 2,0 cc (high pressure), 18,5 cc (high flow)
Dry weight: 1,580 kg (3,48 lb)
Max pressure: 700 bar (10.000 PSI)
Titanium pistons, titanium shaft.

All pumps are available with lightweight titanium pressure fittings and aluminium suction and return fittings.

The IPA 1228 R is the evolution of two pistons race alternate pump: with a special design of hydraulic piston, this pump almost half split the overall dimensions of standard alternate pump with the same auto shift system. Moreover, thanks to the flat body design, it can be easily placed on the cockpit side.

All race line pumps are available with custom axis (male or female) made of 17-4-PH stainless steel or titanium alloy in order to fit titanium or carbon fibre handles.

Race pumps are designed to work with pressurized oil tank.

