



ROTARY PUMPS

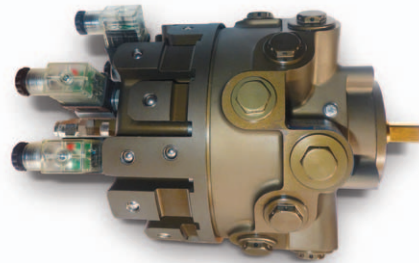
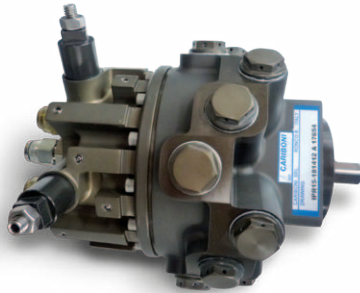
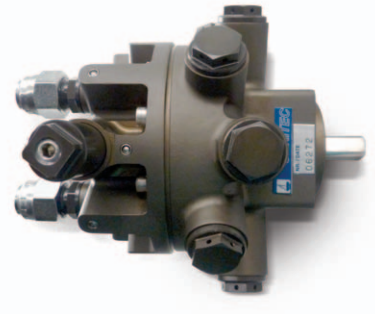
Cariboni’s pedestal pumps have changed the hydraulics for cruise-racer and racer yachts. This kind of pump is compact and lightweight and can be arranged on coffer grinder to give highest performances and complete integration with winch handles.

Here below you can see the overall view of our radial pumps and their features.

Cariboni’s radial pistons pump can be placed on cockpit to be driven by winch handle or under the deck for a coffee grinder arrangement.

The careful design of each component always gives smooth and comfortable rotary movements, without any hard step for the grinder. The pump is self-priming and gives oil at the first 1/5 or 1/16 round (depending on the pump type).

TYPE		IPR 7	IPR 10		IPR 15	IPR 15 – 350
DESCRIPTION		7 radial piston Hard coated 7075 T6 aluminium alloy	10 radial pistons, 2 speed Hard coated 7075 aluminium alloy. Autoshift system with adjustable valve. Relief valve incorporated.		15 radial pistons, 3 speed (*) Hard coated 7075 aluminium alloy. Autoshift system with adjustable valve. Relief valve incorporated.	15 radial pistons, 7 speed Hard coated 7075 aluminium alloy. Shift system actuated by integrated solenoid valves. Speed can be changed by the user. Relief valve incorporated.
PERFORMANCE	Working pressure	700 bar (10000 PSI)	700 bar (10.000 PSI)		700 bar (10.000 PSI)	350 bar (5.000 PSI)
	Weight	1,35 kg (2,98 lb)	2,8 kg (6,17 lb)		5,8 kg (12,79 lb)	7,8 kg (17,20 lb)
	Tot oil flow per turn	7,69 cc	16,54 cc (second speed) 5,09 cc (first speed)		23,46 cc (third speed) 12,01 cc (second speed) 5,09 cc (first speed)	66,70 cc (seventh speed) 54,66 cc (sixth speed) 43,90 cc (fifth speed) 34,80 cc (fourth speed) 31,80 cc (third speed) 22,80 cc (second speed) 12,05 cc (first speed)
	Dim ø	153x88 mm	165x129,5 mm		165x165 mm	198x233 mm



(*) you can have option with electro valve

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Team New Zeland Catamaran.
Cariboni’s rotary pumps are pushed to the limits in sailing races.

