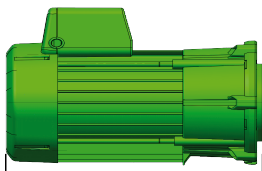
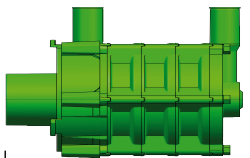


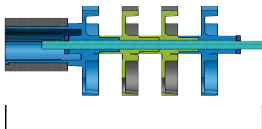
EASY REPLACEMENT OF THE DIFFERENT PUMP'S BLOCK



ENGINE BLOCK



HYDRAULICS BLOCK



TURBINE BLOCK

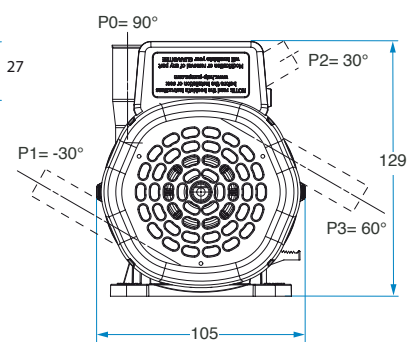
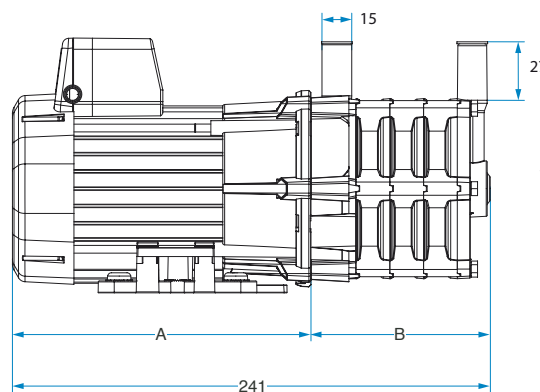
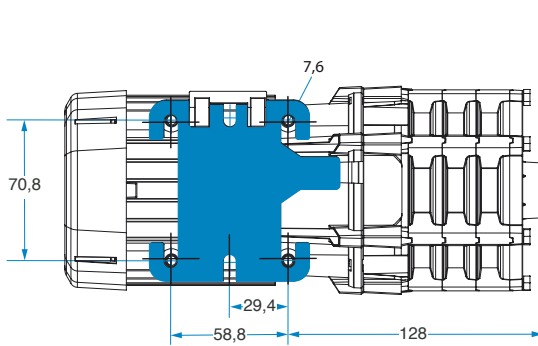
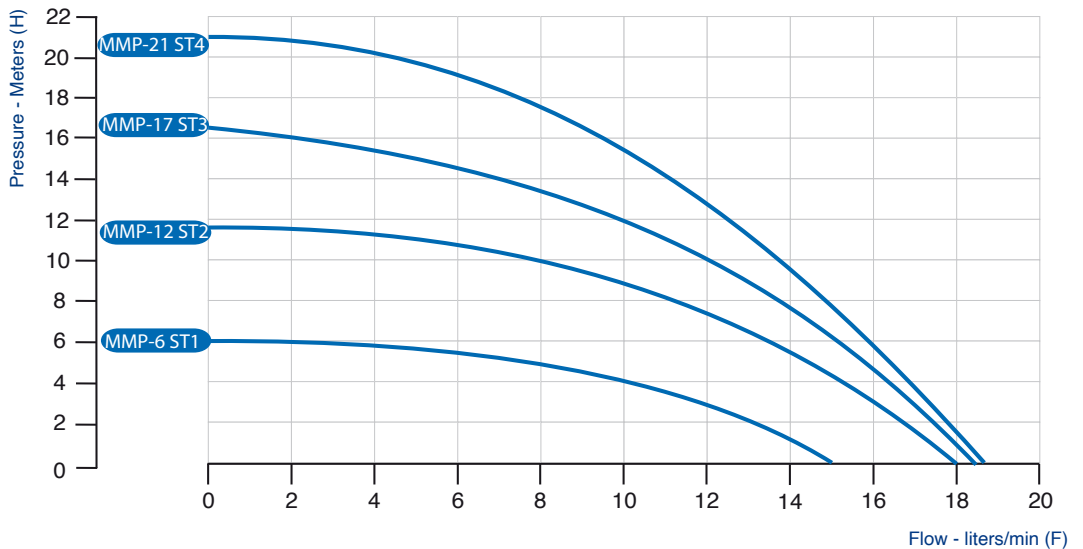


FIXING PLATE

TECHNICAL SPECIFICATIONS



Category	Magnetically coupled centrifugal circulator.
Windings	Single-phase motor. Insulation Class F.
Motor body	Extruded aluminium casing.
Protection	IP 44 degree of protection from liquids seepage. IP 55 available on demand.
Safety	Built-in thermal motor protection system.
Ball bearings	Ø 8 mm (12 mm optional) NSK /SKF or equivalent, in semi-rigid noise-insulated silicone casing.
Motor shaft	AISI 303 INOX steel Ø 8 mm.
Fastening parts	INOX steel or anti-oxidant materials.
Motor parts	Thermoplastic motor parts resistant to high temperature.
Cooling system	Air cooled pump with a suction speed of 3,1 meter/second.
Water connection	Preset swiveling/adjustable discharge outlet, with John Guest fittings.
Operation	Power supply 220-240 Volts - 24 hours a day non stop. Clean non drinkable water only.
Regulations	Complying with EN60335-2-41:2003/A2:2010 and WEEE/RoHs directives.
Note	PATENT pending. Read the instruction booklet for correct set up and use.



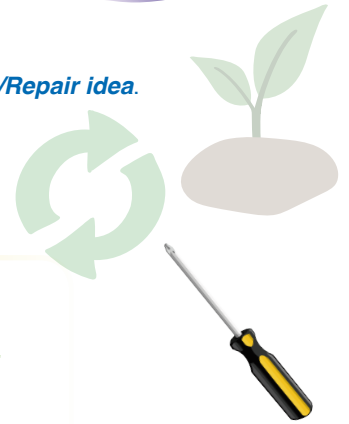
TYPE	Ph	Volt	Hz	Amp	Watt (IN)	RPM	A	B	H max	F max	Weight [Kg]
MMP-6 STAGE 1	1	230	50	0,3	58	2900	136	40	6	15	2,0
MMP-12 STAGE 2	1	230	50	0,5	110	2900	151	57	12	18	2,7
MMP-17 STAGE 3	1	230	50	0,7	150	2800	151	74	17	18,5	2,8
MMP-21 STAGE 4	1	230	50	1,0	200	2800	171	91	21	18,5	3,4

Note: all models in the range are NOT self priming and DO NOT run dry.

Rev. 21-02 Performance and electrical data have been tested at 20°C with clean water only. The company reserves the right to modify specifications without prior notice.

WELCOME TO HOME REPAIR

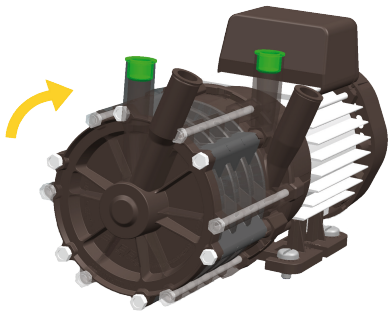
MMP series (Modular Magnetic Pump) goes beyond the Right To Repair concept introducing the **Home/Repair idea**. Using **one single tool** you may easily repair or replace any part or block of the pump. You will infinitely give a **new life** to the original pump. Join us on this sustainability commitment.



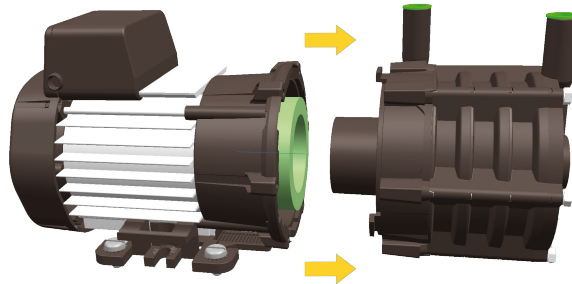
You need only one tool

It is easy to replace engine, hydraulics and turbine blocks

QUICK PUMP MAINTENANCE / INSTALLATION



1. Leave the pump locked in place and rotate the hydraulics block 15/20 degrees



2. Pull out the hydraulics block

FIRST INSTALLATION OF THE PUMP

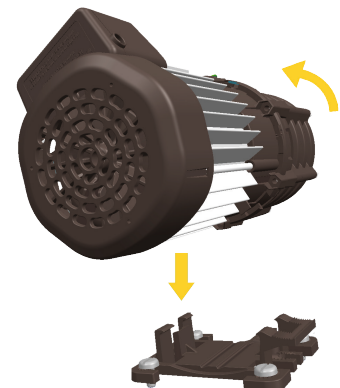
It is easy to install the pump on the machine



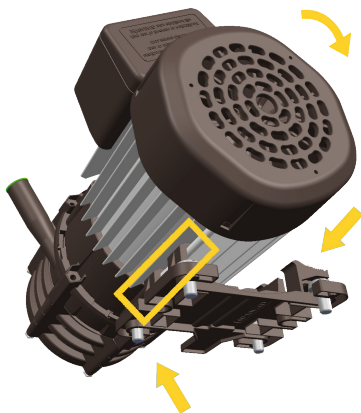
1. Place the fixing plate



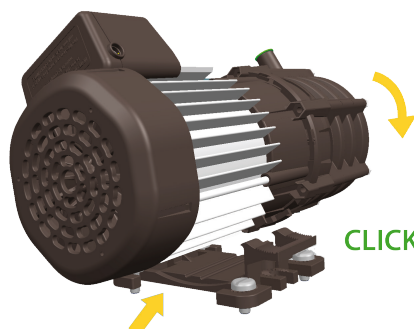
2. Secure with 4 screws



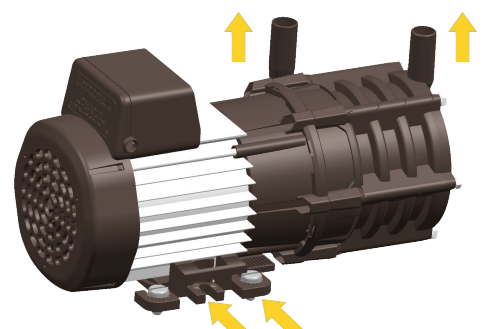
3. Tilt the pump approximately 30 degrees



4. Hook the pump to the fixing plate



5. Turn the pump clockwise



6. Press the side fixing clips to lock, remove the caps and connect the hoses

To **UNLOCK** the pump: disconnect the pump from the power supply; release the CLIP (see picture no. 5); pushing the side fixing clips; turn the pump counterclockwise and lift it (see picture no. 4); leave the fixing plate on the cooler.