Evolution of the Waterotor in 1 mph to 6.5 + mph Flow
with Coefficient of Power (C of P) percentage of energy capture from water flow at all speeds

#1
Smooth Cylinder
(Acts as weight or buoyancy: ballast)
C of P 0%

#2
Water Rotor
Simultaneous Drag = Push & Lift = Pull
C of P 30%

#3
Rotor with Stator
Increases positive swept area shadows back flow
C of P 40%

#4
Rotor, Stator & side Disks
Captures flow pressure
C of P 50%

#5
Rotor, Stator, Disks & Venturi (side generators)
Reduces back pressure
C of P 55+%