

COMMON PUMPING PRINCIPLES

FLEXIBLE IMPELLER

HOW IT WORKS:

- a.) As the flexible impeller blades leave the cam, the cavities between them increase in size and create a vacuum which draws in the liquid.
- b.) Once the blades clear the inlet port, the liquid is captured in the cavity between the blades and the housing.
- c.) As the blades contact the cam and bend, the cavity between them is reduced in size and the liquid is forced out the discharge.



FEATURES:

- Self-priming:** primes quickly from a dry or wet start / will lift up to 15 feet when wet
- Low Shear:** smooth gentle pumping action for liquids of low to high viscosity
- Batching:** smooth repeatable flow of low to high viscosity liquids

- JABSCO
- JOHNSON
- OBERDORFER
- SHERWOOD
- PROVEN
- LITTLE GIANT
- FLOTEC (STA-RITE)
- SIMER

