



BluePump®



The preferred community handpump, up to 100m deep



Most of the handpumps that were installed in Africa are produced in India, based on the SKAT design of over 30 years old. It is widely known that these outdated designs do not last one year without 2 up to 5 or more breakdowns.

It is assumed that today, over 500.000 handpumps in Africa are non-functional and simply rust away. This represents a capital loss of over US\$ 2.500.000.000

Apart from that, this “handpump problem” is also an immense human drama; millions of poor people have seen their precious clean water source disappear, and consequently, became sick and many people, especially children have died because handpumps break down.

BluePumps solve this problem, once and for all.

With an innovative design, the BluePump is easier to install and maintain compared to any other handpump on the market.

How are BluePumps different from “standard” handpumps:

1. The BluePumps piston has no (rubber) seal. Other pumps have piston seals that wear out fast.
2. BluePumps have a double stainless steel, long-lasting foot valves. Other pumps just have one that often leak
3. BluePumps have high-grade PVC pipes and stainless-steel rods. Other pumps have serious rusting problems all the time and repairs become very expensive.



www.sorim-holding.com
info@sorim-holding.com

4. BluePumps have heavy duty bearings lasting 10+ years. Other pumps have fragile (plastic) bearings that need to be changed all the time.
5. BluePumps are designed to pump from 100m. deep. Other pumps cannot handle deep groundwater very well.
6. BluePumps are lighter to operate and produce more water than other pumps.
7. BluePumps are easy to install and to maintain without special tools. Other pumps need complex special tools.
8. BluePump rods have long-lasting innovative double floating centralizers with stabilizers that make pumping lighter.
9. BluePumps are installed & maintained by local professionals for long-term back-up of spares whenever needed.
10. Last but not least: BluePump dealers provide excellent **customer service**. Other handpumps dealers just sell pumps for a profit, without any after sale service.

BluePumps, 3 strong points:

1. **Durable** Last a long time, 10x longer as other pumps, therefore cost-effective
2. **Affordable** Other pumps cost (over 25 years) on average 300 to 400 US\$ per year on repairs, BluePumps on average less than 50 US\$ per year. The difference is very important for poor people
3. **Service** Other pumps have no special country dealers, basically “everybody” can sell these pumps and spares, so nobody feels responsible for parts and service. BluePumps have motivated dealers and a worldwide service network with Boode.

International organizations and BluePumps

Over 1.500 BluePumps are presently in Africa, with Oxfam, IRD, Care International, Water Charity, World Vision, Red Cross, Smatharian Purse, etc. are returning customers that have been using BluePumps in their projects for many years in Mozambique, Swaziland, Malawi, Tanzania, Kenya, South Sudan, Niger, Burkina, Mali, Benin, Angola, Togo, Sierra Leone...

The BluePumps was designed with “attention to every detail to avoid breakdowns” and based on long-term experience with handpumps in Africa and tested and improved with the help of Oxfam-Kenya in field in the deep boreholes in Turkana.

The “standard” India pumps are from a 30 year old design, and still use galvanized rods and pipes in aggressive water, (pH <7) so are bound to fail.



www.sorim-holding.com
info@sorim-holding.com

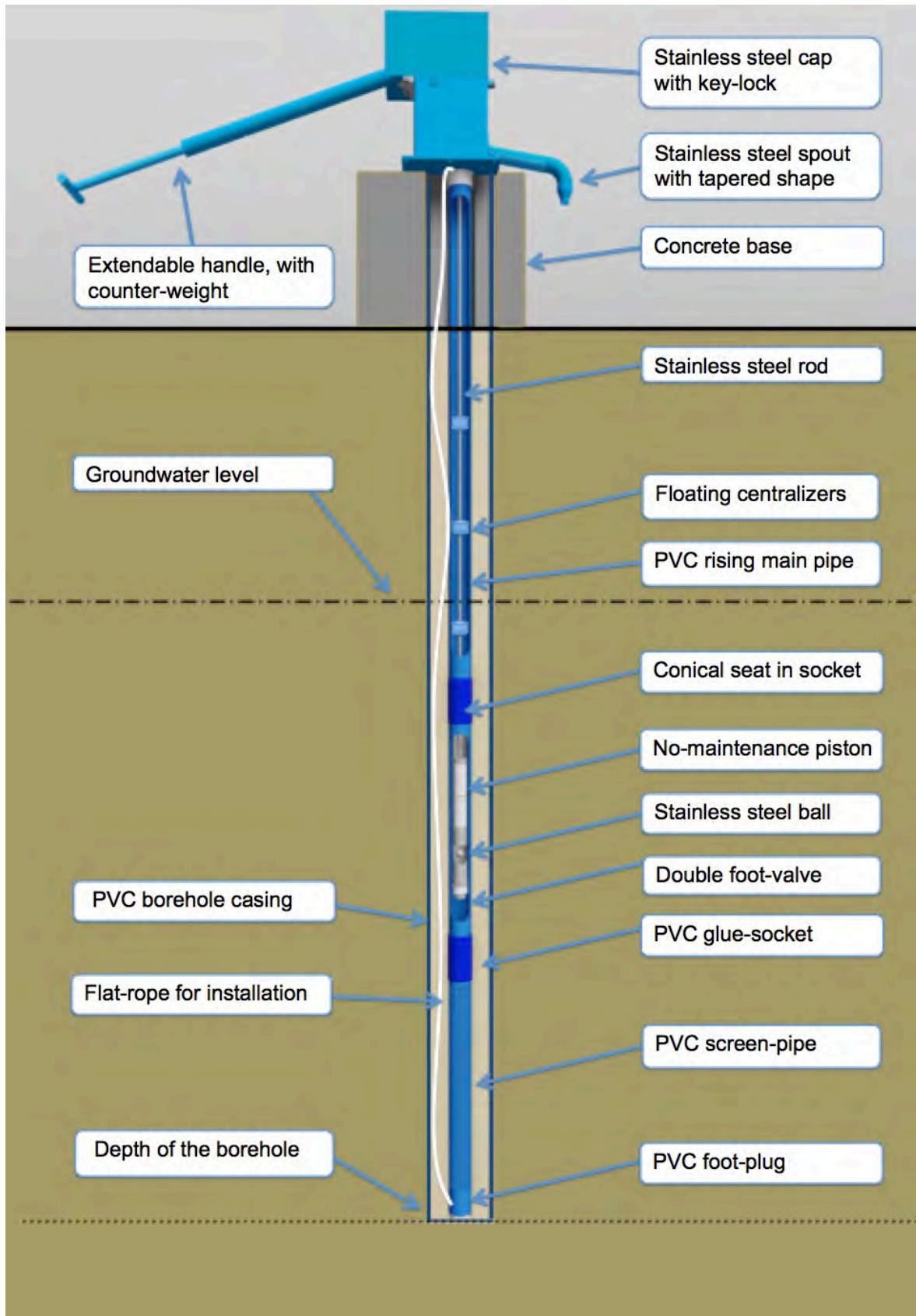


Bottles & Pumps

But there is more: Since 2015 we work together with the Dutch NGO, their mission is to promote Tap-water and create awareness for plastic waste, especially caused by plastic "single-use" bottles, especially on schools. Therefore they promote the use of their durable multi-use" water bottles and public taps with drinking water. Their mission is to provide every child with its own durable water bottle, and the kids love it!

Bottles & Pumps for Africa





Schematic view of BluePump in a borehole.