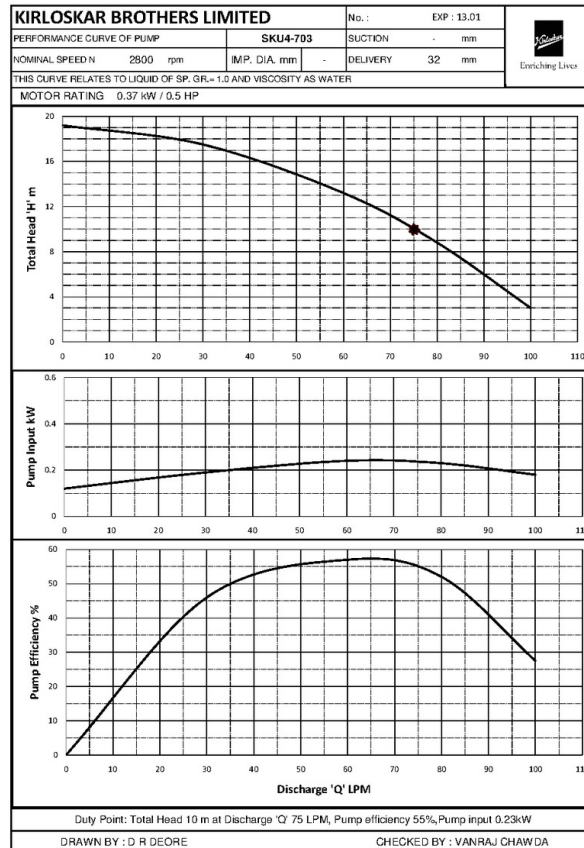


1/2 Simple Solar Pump for India

I will design a portable solar pump to be assembled and maintained in a village shop in Bihar.



Solution

Team Project

My team partner Vivek offers a high volume solar pumping system to compete with flow-rates from diesel pumps. It is not part of this team project and needs to be judged separately from my proposal. Vivek's role in my project is to assist in marketing of my pumps. I will design a lower cost, lower output, solar pump to offer to the farmers who use less water due to their more precise farming methods.

(see http://india.blogs.nytimes.com/2013/04/09/farmers-in-bihar-a-simple-solution-for-more-crops/?_r=2).

Both of us recognize the advantage of submersible pumps which will still operate when the groundwater level drops in a drought. Suction pumps will begin to have trouble if the pumping water level drops to more than 6m below the pump inlet.

Background

Over the past 30 years I have invented and marketed a line of

2/2

Simple Solar Pump for India

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Creative's profile



Jensen
Engineer

Creative's top 5 skills

Product Design, User Experience

Collaborators



vivek
Engineer