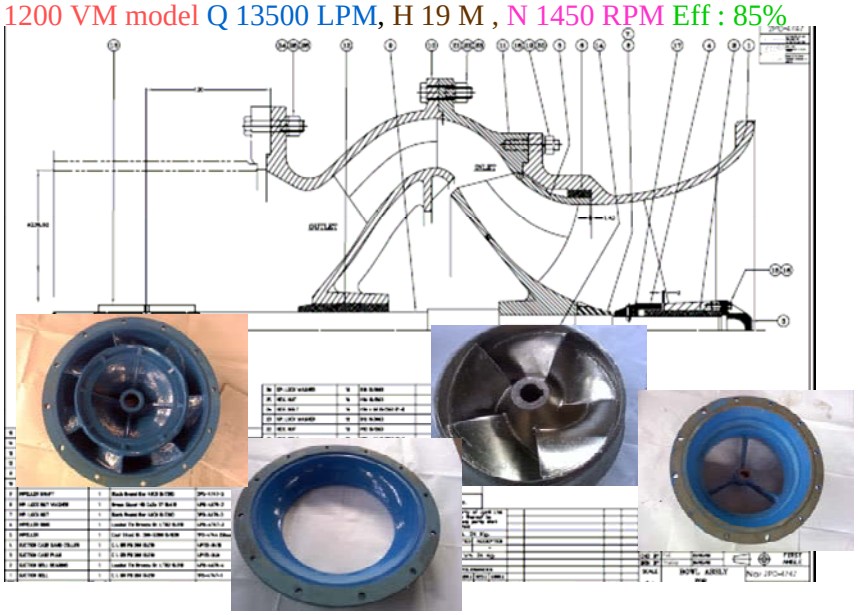
R&D (Pumps)

1200 VM model development

We have developed a new model pump for 1200 VM . The specific speed is 75 nsq metric. (app 3900 US units)

Impeller blades were individually CNC machined and welded to hub and shroud. Complete impeller was nickel plated. Bowl made in two parts for better cleaning. Bowl & Suction bell were epoxy coated. Suction bell ring and impeller concentricity ensured and diametral clearance maintained at 0.35 mm. Delivery pressure gauge tapping taken immediately at the exit of the bowl to improve the accuracy of the testing.

1200 VM model Q 13500 LPM, H 19 M , N 1450 RPM Eff : 85%



We have reached the efficiency of 87 % in our testing, much higher than our target of 85 % and comparable to hydraulic institute standard guidelines.

we can do it.

Team R&D (Pumps)