



ASHOKA SYSTEM



Company Profile :-

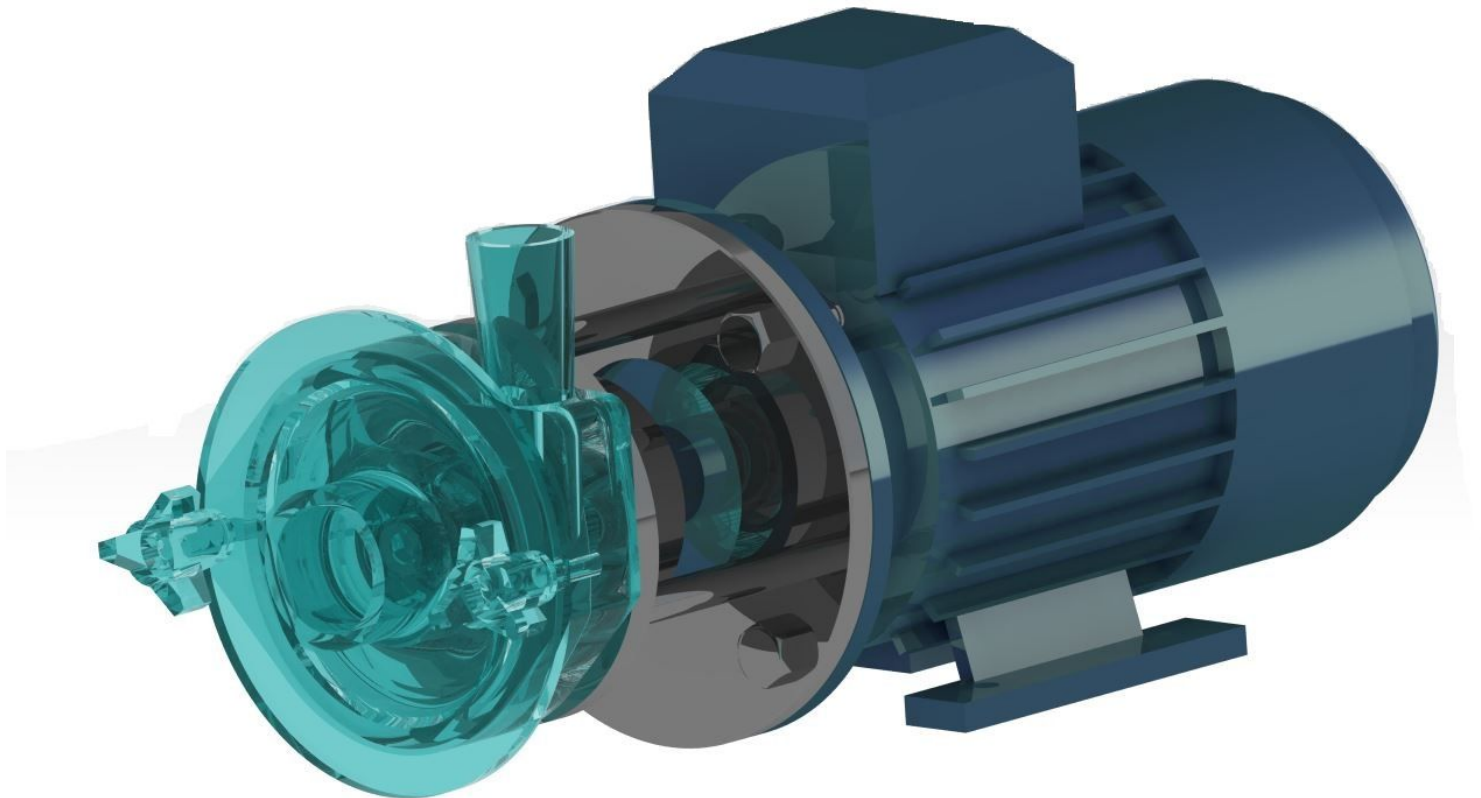
Ashoka system is a leading manufacturer of centrifugal pump, established in 2005. Our company has decided & committed team to deliver high quality products & services to meet customers requirement.

Our Mission and Vision :-

We want to offer its customer one stop solution to their fluid handling requirements. Our mission at Ashoka system pumps is to provide high quality products utilizing vision & insight to exceed our customers' expectations.

Economically Efficient :-

The current generation of Ashoka system pumps provide users with considerable cost saving. Sensibly rated high efficiency motors in every dimension needed are available to cover the typical requirements of the market. They enable that energy consumption is kept as low as possible, which means a positive impact on your profitability



Quality Assurance :-

As pump professionals , we recognize that meeting our customers' needs by providing quality products & value added services , so that we remains a dependable & cost effective source , is key to both our & our customers success.

We have adopted quality management in our company & our mission is to deliver products & services to our customers.

Our Strengths:-

We understand our market & it is our long practised research methodology to study the market & ones the requirement is clearly studied, We coupled with our innovation & design products accordingly, Our commitment to deliver consistent quality in time delivery & low cost.



Our Product :-

Our pumps superior performance & high energy efficiency is partly a result of their internal geometry which ensures excellent flow characteristics.

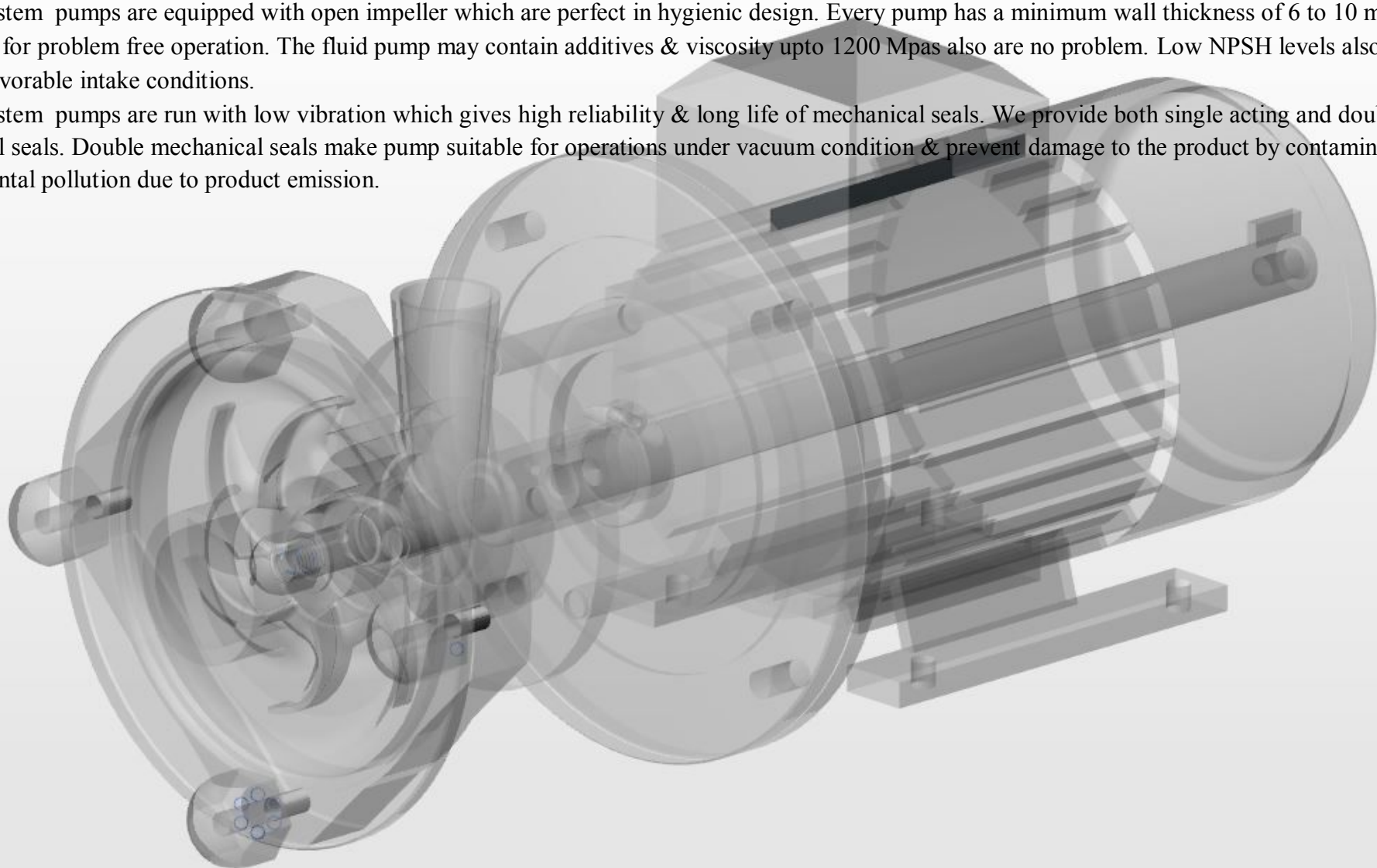
As pumps are open impeller with streamlined flow path & maintenance time & effort. Designed with front loading seal. The material for the pump is SS 304 / SS 316 .

The parts of the pump are made by investment casting by this method we get high quality & precision work.

The flow path has been designed with gradually increasing cross-section towards the pump discharge. In conjunction with open impeller & variable pitched vanes. This provides the ideal centrifugal flow path.

Ashoka system pumps are equipped with open impeller which are perfect in hygienic design. Every pump has a minimum wall thickness of 6 to 10 mm providing ideal basis for problem free operation. The fluid pump may contain additives & viscosity upto 1200 Mpas also are no problem. Low NPSH levels also permit use under unfavorable intake conditions.

Ashoka system pumps are run with low vibration which gives high reliability & long life of mechanical seals. We provide both single acting and double acting mechanical seals. Double mechanical seals make pump suitable for operations under vacuum condition & prevent damage to the product by contamination & environmental pollution due to product emission.



Design of Shaft:-

The self aligning Ashoka system shaft design allows for easy installation & gapping. The concentric collar on the shaft prevents run-out, protecting the seal from damage.

Maintenance :-

For each pump model seal size remain same regardless of motor size.

Shafts are designed to fit both single & double mechanical seal arrangements which reduces the number of shafts needed to stock for spare parts.

No special tools are needed to service the Ashoka systems pumps.

Advantages :-

Ashoka system unique internal seal uses the cooling

Internal clearances are as tight as 0.5 mm, making pu

Considerable energy saving.

Low vibrations & noise level.

Shear displacement is low.

Long seal life.

Reliability & durability.

High efficiency.

Low maintenance.



Applications :-

Breweries :-

Beer, hot and cold wort , Mash, Yeast , water, CIP solutions, malt liquor, residual beer low- alcohol/ non alcohol beer.

Dairy Product :-

Milk, cream, whey, skimmed milk, whey concentrate, yoghurt , brine, CIP solutions.

Bakery :-

Yeast, cookie dough, final dough , sponge, CIP Solution.

Foods :-

Oils , vinegar, sauces, stock, brine, ice cream mix, CIP solutions , juice, mayonnaise , whole eggs , dough, meat broth, stabilizers, chocolate, cocoa.

Pharmaceuticals :-

Ultra pure water , extracts, infusion solution, suspensions , enzymes, nutritive solution, toxic solution.

Cosmetics :-

Solves , creams , lotions , shampoo , conditioners , mouthwash , toothpaste.

Fields of Applications:-

Conveying, circulation , pressure boosting, filling lines, filling, emptying, filtration, evaporation, cleaning.

Chemicals :- Phonographic emulsion, cleaning agents, cleaning solutions , slightly contaminated liquids, acids, alkaline, waste water containing crystals , waste water containing acids & alkaline.



Other Applications:-

Sugar/ Confectionery :-

Liquid sugar, molasses , starch solutions, premixes , crystallized sugar.

Paper / Cellulose :-

Glues , resin solutions , kaolin solution , starch solution.

Biotechnology :-

Enzymes , cell suspensions , nutritive solution.





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Address : 'S' Block Plot No. 112/13 M.I.D.C. Bhosari Pune-411026.

Tel. :9112916161,8087930425.

Visit us at: WWW.ASHOKASYSTEM.COM