TORISHIMA PUMP MFG. CO., LTD.

Eco Pump: End-suction single-stage volute pump (CA Series)

•Smart eco-friendly activity, drastically reducing electricity cost and CO₂ emissions

Features

More than 90% the average life cycle cost (LCC) of a pump is electricity cost, when calculating the cost structure including initial investment and operation costs.

In addition to the advantages boasted by our previous pumps, the Eco Pump features high efficiency, contributing to electricity cost and CO₂ emission reduction, by adopting a new hydraulic model.

The CA series products use the same components as far as possible to provide better maintenance services.



truction such as factory, office, building, mansion

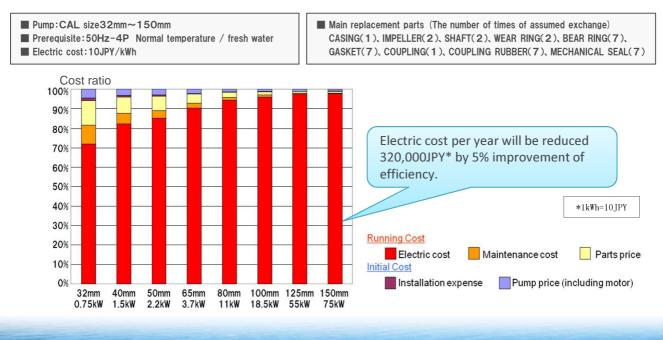
et

tion lamp

Overview (Technical principles, actions, etc.)

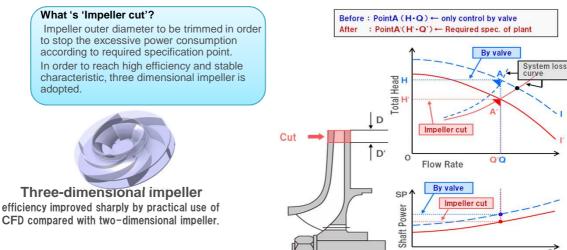
<Ratio of pump electricity cost to LCC>

More than 90% the average life cycle cost (LCC) of a pump is electricity cost, when calculating the cost constitution by the pump caliber.



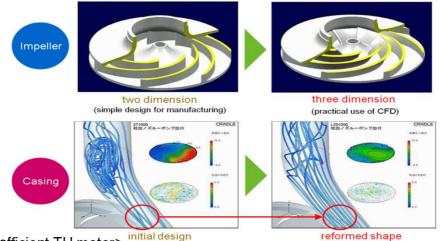
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<Impeller cut(Trimming impeller diameter)> The impeller cut of the pump is trimmed to the customer's specifications for energy saving.



<High efficiency casing/impeller>

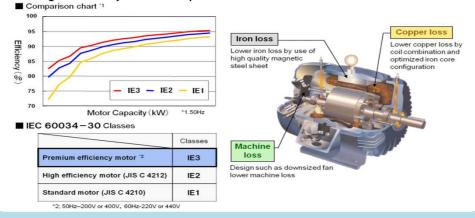
Using CFD analysis, high efficiency and excellent performance of the casing/impeller can be achieved.



<Super high efficient TU motor>

IEC(International Electrotechnical Commission)defines IE1(standard), IE2(high efficiency), IE3(premium efficiency) as motor efficiency classes.

Torishima Ultra high efficiency motor is equivalent to IE3.



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<u>http://www.torishima.co.jp/</u> Address :1-1-8, miyata-cho, takatsuki-city, Osaka 569-8660 , Japan TEL +81-72-695-0551 FAX +81-72-693-1288

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Flow Rate

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