THIRT3EN

Technical considerations when sourcing a pump...

To make sure you get the right pump for your process!

1 APPLICATION

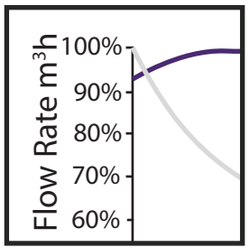
What exactly will the pump be doing? How often will it be operated? In what type of environment will it be installed?

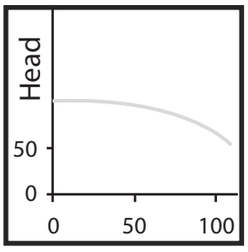
2 FLUID

Are solids present? Is it shear sensitive? What materials and pumping technology are suitable?

3 FLOW RATE

At what speed does the pump need to be able to transfer the fluid? Is it dose small quantities or quickly move large volumes?



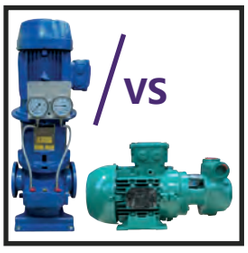


4 HEAD/PRESSURE

What pressure is needed to pump the fluid from the suctiont point to the required discharge point?

5 INLET/OUTLET SIZE

What size ports are needed for the suction and discharge? Is there any existing pipework it needs to fit into?



6 ORIENTATION

Does it need to be vertical, horizontal or immersed? Does the inlet/outlet need to be inline or end suction?

7 VISCOSITY

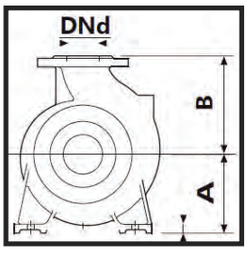
How thick is the fluid being pumped? How easily does it flow? Does it change if force is applied or temperature changes?

8 TEMPERATURE

What temperature will the pumped fluid be? Is the viscosity affected by a change in temperature?

9 POWER

What voltage is available on site for the pump to run off? Or is engine or air driven more suited to the application at hand?



10 DIMENSIONS

Are there any installation space limitations? Is a DIN 24255 pump required to allow easy replacement?

11 APPROVALS

Are there any ATEX, food grade, type approval or independent witness testing requirements of the pump?

12 PRIMING

Does the pump need to self prime? Is a short priming timerequired? Is the suction unable to remain flooded?

13 OR... IF YOU'RE REPLACING A PUMP, THERE'S JUST ONE CONSIDERATION!

All we need to know is the pump model and the serial number which can be found on the name plate!

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T. +44 (0) 1773 533 283 | **E.** sales@castlepumps.com | **W.** www.castlepumps.com