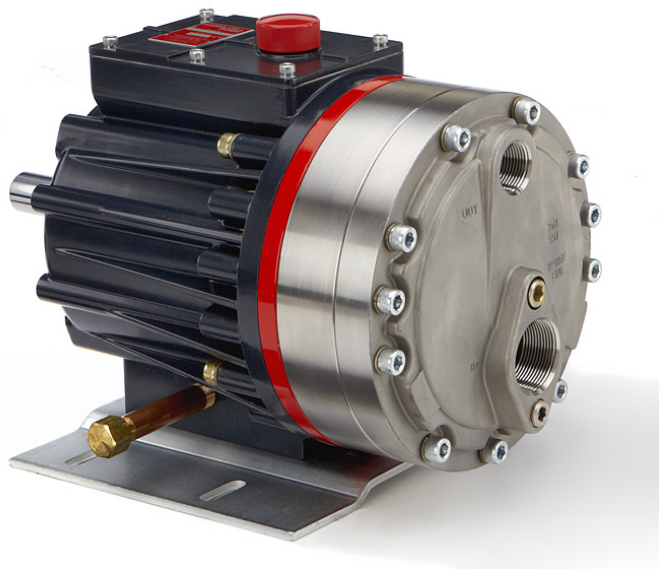


News from Wanner

Pumping Technical Slurries with Hydra-Cell®

Positive displacement pumps play a major role in the pumping of highly concentrated slurries at high levels of efficiency but they have a poor reputation for pumping abrasive slurries. However, Hydra-Cell® pumps, with their compact, multiple diaphragm, seal-less design, are said to excel in such circumstances.

Although Hydra-Cell pumps are generally regarded as very successful high pressure pumps they offer a whole range of benefits for low pressure applications such as the controlled pumping of technical slurries. With no dynamic seals, cups or packing, Hydra-Cell pumps have a high resistance to wear by abrasive particles in suspension and require little maintenance. They have a repeatable and accurate, virtually pulse-less output that doesn't deteriorate over time, as might be expected from other positive displacement pumps.



A further benefit of the Hydra-Cell pump is its ability to run-dry indefinitely... enabling feed tanks to be completely emptied and guarding against operator error.

Because of their multi-diaphragm, multi-valve design, Hydra-Cell pumps virtually eliminate product damage during pumping. They have demonstrated success in handling shear sensitive materials such as latexes, polymer emulsions, and crystal slurries and have a proven track record for pumping a wide range of abrasive slurries from lime and alumina to ceramic clays, paints and pigments.

Hydra-Cell pumps handle these tough applications by reducing pump wear, the need for maintenance and replacement parts costs while increasing up-time and, in the case of shear sensitive materials, product yield.

Further information from:

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WANNER
Hydra-Cell®
Seal-less Pump Technology