

News from Wanner International Ltd - New Dosing Performance Pumps Launched

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Wanner International has introduced two new Hydra-Cell® Dosing Performance Pump ranges with mechanical flow rate adjustment.

Because seal-less Hydra-Cell pumps are true positive displacement pumps, flow rate is directly proportionate to input shaft speed and virtually independent of system discharge pressures. Very precise, infinite adjustment of shaft speed is achieved through a simple manual adjust hand wheel.

The variable speed gearboxes operate on the elasto-hydrodynamic principle, producing output torque by means of a traction fluid. This removes the possibility of mechanical slippage between input and output, potentially experienced with friction type variators.

The Hydra-Cell G03/G13 dosing range accommodates repeatable, steady flow requirements up to 310 litres per hour at pressures up to 100 bar and flows up to 490 litres per hour at pressures up to 70 bar.

The Hydra-Cell G10 dosing range accommodates repeatable flow requirements up to 732 litres per hour at pressures up to 103 bar and flows up to 1470 litres per hour at pressures below 50 bar.

These mechanically adjustable dosing pumps are ideal for use in ATEX Zone 1 and 21 when coupled to compatible, explosion proof motors which can also be provided.

Both ranges come with a variety of cam profiles to meet specific flow rate adjustment requirements and a variety of pump head materials is also available including Cast Iron, Brass, Hastelloy CW12MW, Polypropylene, PDM and 316L Stainless Steel.

Further information from:

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Note:

Wanner is the world's leading manufacturer of seal-less, high-pressure, diaphragm pumps. These Hydra-Cell pumps are highly efficient, heavy duty pumps used for liquid transfer, metering, injection, spraying and dosing of the widest range of liquids including chemicals, solvents, acids, hydrocarbons, natural gas liquids, alkalis, polymers, aqueous ammonia, resins, slurries, wetttable powders recycled or dirty liquids etc.

Hydra-Cell positive displacement, unique multi-diaphragm, seal-less pumps can handle corrosive, non-lubricating and abrasive liquids and slurries and can even run dry without suffering damage.