

AXF 308

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AxFlow launches range of elastomer coated rotary lobe pumps

AxFlow has extended its range of positive displacement pumps with the introduction of the LB suite of elastomer coated rotary lobe pumps for flows of between 5m³/hr to 130m³/hr. The LB pump has been designed from scratch following an assessment of products currently on the market with a view to producing a process quality pump, positioned above the more agricultural designs yet without attracting the high costs of high end products.

The LB range offers a combination of innovative features. Ergonomic rotors designed in conjunction with Universitat Autònoma in Barcelona, maximise the sealing face while allowing the passage of particles up to 50mm in size. The rotors can be coated in NBR (FDA), EPDM and Viton or supplied in AISI-431 stainless steel. Also to be noted is the unique intermediate chamber that isolates the pump head from the gear box, therefore avoiding any kind of cross contamination. The pumps utilise robust, high precision gears with self-aligned roller bearings that ensure that the rotary lobes deliver exceptionally high levels of accuracy and efficiency and use a range of process quality mechanical seals.

Lastly, stainless steel axial liners incorporated in the pump chamber protect the pump casing, help to maintain the pump's performance and are easy to replace, thereby significantly increasing pump life.

AxFlow believes that the LB range represents the most sensibly priced process quality range of rotary lobe pumps on the market.

Image: LB elastomer coated rotary lobe pump

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